GIS Registry Disclaimer

This case was closed by the DNR prior to August 1, 2002, when DNR began adding approved cleanups with residual soil contamination into the GIS Registry. Certain documents that are currently required by ch. NR 726, Wis. Adm. Code may therefore not be included in this packet as they were unavailable at the time the original case was closed.

The information contained in this document was assembled by DNR from a previously closed case file, and added to the GIS Registry to provide the public with information on closed sites with residual soil and/or groundwater contamination remaining above applicable state standards.

REVISED
4:16 pm, Jul 21, 2010

POST CLOSURE

GIS REGISTRY
Cover Sheet

March, 2010
(RR 5367)

Source Property Information

CLOSURE DATE: Oct 31, 2001

BRRTS #: 03-72-000906

FID #: 772010580

ACTIVITY NAME: Georgia Pacific Old Fire Station

DATCP #:

PROPERTY ADDRESS: 100 Wisconsin River Drive

COMM #:

MUNICIPALITY: Port Edwards

PARCEL ID #: 27-00081B

***WTM COORDINATES:**

X: **531154** Y: **429487**

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

WTM COORDINATES REPRESENT:

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

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

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

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

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

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 unit or economic development corporation was directed to take a response action)*

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 3/10)

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 #: 03-72-000906 PARCEL ID #: 27-000 81B

ACTIVITY NAME: Georgia Pacific Old Fire Station WTM COORDINATES: X: 531154 Y: 429487

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

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

SOURCE LEGAL DOCUMENTS

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

  Figure #: **Title: Wood County Certified Survey Map No. 7174**
- [ ] **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

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

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

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

  Figure #: 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 #: 1 **Title: Previous Underground Storage Tank and Soil Boring Location Map**
- [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 #: 1 **Title: Post Remedial Soil Sample Location Diagram**

BRRTS #: 03-72-000906 ACTIVITY NAME: Georgia Pacific Old Fire Station

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: Cross Section A-A'**

Figure #: **Title: Cross Section B-B'**

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

Figure #: **Title: Initial and Recent BTEX Concentrations 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 #: **Title: Water Table Contour Map (12-8-93)**

Figure #: **Title: Water Table Contour Map (8-18-93)**

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

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

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

Table #: **Title: Post-Remedial Soil Analytical Data Summary**

☒ **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 #: **Title: Groundwater Analytical Data Summary**

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

Table #: **Title:**

IMPROPERLY ABANDONED MONITORING WELLS

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

☐ **Not Applicable**

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

Figure #: **Title: Sam's Citgo Service Station Air Supply Piping and Electrical Conduit Layout**

☐ **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 #: 03-72-000906 ACTIVITY NAME: Georgia Pacific Old Fire Station

NOTIFICATIONS

Source Property

☒ **Not Applicable**

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

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

Off-Source Property

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

☒ **Not Applicable**

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

Number of "Off-Source" Letters:

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

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

☐ **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: 0

POST CLOSURE

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew Frank, Secretary
Scott Humrickhouse, Regional Director

Wisconsin Rapids Service Center
473 Griffith Avenue
Wisconsin Rapids, Wisconsin 54494
Telephone 715-421-7800
FAX 715-421-7830

November 18, 2009

BRRTS #03-72-000268 & #03-72-000906

Mr. David Ulrich
DOMTAR A.W., LLC
301 Point Basse Avenue
Nekoosa, WI 54457-1422

FILE COPY

Subject: Monitoring and Remediation Well Abandonment,
Former Sam's Citgo, 71 Wisconsin River Drive, Port Edwards, WI,
Former Port Edwards Fire Station, 100 Wisconsin River Drive, Port Edwards, WI

Dear Mr. Ulrich:

On May 5, 1999, the Wisconsin Department of natural Resources West Central Region Closure Committee reviewed the above referenced cases 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 May 10, 1999, Domtar was notified that the Closure Committee had granted conditional closure to these cases. On August 1, 2001, the Department received information or documentation indicating that Domtar had complied with the requirements for final closure, and on October 31, 2001, Domtar was notified that the Department had approved final closure for these cases.

As part of the closure request for these sites, Domtar included a request to retain the groundwater monitoring and remediation wells for continued monitoring purposes. This request was approved as part of the closure for these sites. On October 13, 2009, Domtar submitted documentation to the Department indicating that Domtar no longer desired to retain the wells for monitoring purposes and that most of the monitoring and remediation wells that were retained were properly abandoned. However, monitoring wells B-2 and B-109, located on the former Sam's Citgo and Port Edwards Fire Station sites, depicted on the attached map, could not be properly abandoned because they were missing due to being paved over, covered or removed during site development activities. Your consultant has made a reasonable effort to locate the wells depicted on the attached map and to determine whether they were properly abandoned but has been unsuccessful in those efforts. You need to understand that in the future you may be held liable for any problems associated with monitoring wells B-2 and B-109 if they create a conduit for contaminants to enter groundwater. If in the future the groundwater monitoring wells are found, the then current owner of the property on which the wells are located will be required to notify the Department, to properly abandon the wells in compliance with the requirements in ch. NR 141, Wis. Adm. Code, and to submit the required documentation of that abandonment to the Department.

POST CLOSURE

BRRTS #03-72-000268 & #03-72-000906

The DNR Remediation and Redevelopment GIS Registry for these sites will be updated to indicate that these monitoring wells were not properly abandoned and that proper abandonment of these wells is required in the event they are found.

Sincerely,

Tom Hvizdak
Hydrogeologist
Remediation & Redevelopment Program

Enclosure: Site Map for the Sam's Citgo and Port Edwards Fire Station Sites

c: Stuart Marcoux, DOMTAR, 395 de Maisonneuve Blvd. West, Montreal, Quebec H3A 1L6
Dick Reesman, AECOM, 3909 Concord Ave., Weston, WI 54476
James L. Hutchens, RMT, Inc., 150 North Patrick Boulevard, Brookfield, WI 53045
Loren Brumberg – WDNR

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
Scott A. Humrickhouse, Regional Director

Wisconsin Rapids Service Center
473 Griffith Avenue
Wisconsin Rapids, Wisconsin 54494
Telephone 715-421-7800
FAX 715-421-7830

October 31, 2001

BRRTS #03-72-000286 & #03-72-000906

FILE COPY

Mr. David Ulrich
Domtar
100 Wisconsin River Drive
Port Edwards, WI 54469

SUBJECT: Final Case Closure By Closure Committee With Conditions Met, Sam's Citgo and Port Edwards Fire Department Sites, Port Edwards, WI

Dear Mr. Ulrich:

On May 5, 1999, your site as described above was reviewed for closure by the Wisconsin Department of Natural Resources Westcentral Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On May 10, 1999, you were notified that the Closure Committee had granted conditional closure to this case.

On August 1, 2001, the Department received the correspondence indicating that you have complied with the condition of closure requiring that you submit to the Department a plan to maintain the existing impervious surface over the area of residual soil contamination to prevent direct contact to the material and reduce infiltration, as well as, that it is your intention to retain the monitoring wells installed at these sites for future use. On October 2, 2001, the Department received the correspondence indicating that you have complied with the conditions of closure requiring that you file a deed restriction requiring that you maintain a surface barrier over the remaining soil contamination, as well as, a groundwater use restriction with the Wood County Register of Deeds Office. On October 24, 2001, the Department received the correspondence indicating that you have complied with the last condition of closure requiring that you publish a public notice as a class I notice under ch. 985, Stats. Based on the correspondence and data provided, it appears that you have complied with all of the conditions of closure and that your site has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

State Statute 101.143 requires that owners seeking reimbursement of interest costs from the PECFA Program submit a final reimbursement claim within 120 days after they receive a closure letter on their site. If you are eligible for the PECFA Program, and anticipate filing a PECFA reimbursement claim that includes interest costs, you must file a final reimbursement claim to the Department of Commerce within 120 days from receipt of this letter. If you fail to file a claim within that 120-day period, subsequent interest costs will not be eligible for reimbursement by PECFA.

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

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715/421-7850.

Sincerely,

Tom Hvizdak
Hydrogeologist
Bureau for Remediation & Redevelopment

c: Steve McDowell, STS, 3909 Concord Ave., Schofield, WI 54476

Georgia-Pacific Corporation – Port Edwards Operations

Engineering Control Maintenance Plan

Former Sam's CITGO Site
Gasoline-Impacted Soil and Groundwater

The GP Port Edwards Operations Environmental Superintendent, or their representative, will annually document the condition of the asphalt and concrete cover in the vicinity of the Former Sam's CITGO site located on the west side of Wisconsin Avenue across from the Mill Office. The documentation shall be solely with respect to the condition of the asphalt and/or concrete's ability to keep water or other liquid from infiltrating the subsurface.

The GP Port Edwards Operations Environmental Superintendent, or their representative, will annually document the condition of the existing groundwater monitoring wells and extraction wells in the vicinity of the Former Sam's CITGO site located on the west side of Wisconsin Avenue across from the Mill Office. In addition, to comply with Chapter NR 141, Wisconsin Administrative Code, geologic or groundwater data shall be obtained from each existing monitoring well on an annual basis. This data can be limited to the measurement of groundwater elevation in each well. It is recommended that this documentation be kept on a log similar to the attached form. Section NR 141.25(1)b indicates that "Any permanent groundwater monitoring well no longer being used to gather information on geologic or groundwater properties shall be abandoned within 60 days after its use has been discontinued." If GP Port Edwards Operations determines that the use of the existing monitoring wells is no longer necessary, the monitoring wells shall be abandoned in accordance with Chapter NR 141.

Documentation shall be maintained at the GP Port Edwards Operations facility and will be made available to Wisconsin Department of Natural Resources personnel upon request.

Questions regarding this documentation should be addressed to the following personnel:

On-Site Contact:
Mr. David S. Ulrich
Georgia-Pacific Corporation
100 Wisconsin River Drive
Port Edwards, Wisconsin 54469-1492
715-887-5511

Environmental Consultant:
Mr. James W. Kauer
STS Consultants, Ltd.
3909 Concord Avenue
Schofield, Wisconsin 54476
715-355-4304

Monitoring Well Condition Survey

Former Sam's CITGO Property
Port Edwards, Wisconsin

Date: _____ Name: _____

Well	TPVC Elev.	Depth to Water (TPVC)	Water Elevation	Condition/Comments
MW-5	963.22			
MW-7	964.15			
MW-9	965.07			
MW-10	962.89			
MW-11	960.91			
MW-12	964.19			
MW-13	964.07			
MW-14	963.52			
MW-15	965.28			
MW-16	964.38			
MW-17	964.16			
EXT-4	960.82			

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott A. Humrickhouse, Regional Director

Wisconsin Rapids Office
473 Griffith Avenue
Wisconsin Rapids, Wisconsin 54494-7859
Telephone 715-421-7800
FAX 715-421-7830

May 10, 1999

BRRTS #: 03-72-000286 & 03-72-000906

Mr. Robert Gause
Georgia Pacific Corporation
100 Wisconsin River Drive
Port Edwards, WI 54469-1492

FILE COPY

SUBJECT: Conditional Case Closure for the Sam's Citgo (03-72-000286) and Port Edwards Fire Station (03-72-000906) Sites, Port Edwards, Wisconsin.

Dear Mr. Gause:

On May 5, 1999, the above named sites were reviewed by the Wisconsin Department of Natural Resources West (DNR) Central Region closeout committee for a determination as to whether or not these cases qualified for close out under Wis. Adm. Code (WAC) ch. NR 726. Based on the investigative and remediation documentation provided to the Department, it appears that the extent of the petroleum-related contamination at the above-named site has been investigated to the extent practicable under current site conditions. However, because adequate post remediation confirmation soil sampling of the vadose zone was not conducted at either sites, benzo(a)pyrene and dibenzo(a,h)anthracene were detected above residential direct contact standards in sidewall soil samples collected at the Sam's Citgo Site, and toluene and/or benzene concentrations above WAC ch. 140 groundwater quality enforcement standards (ES) are present in the groundwater at these sites, a clean closure could not be granted for either site. Based on the investigative and remediation documentation provided to the Department, as well as the presence of the asphalt and concrete cap over the impacted area, it appears that the extent of the petroleum contamination at the above-named site has been investigated and remediated to the extent practicable, the location of the residual soil contamination does not pose a threat to direct contact under current site conditions, and that natural attenuation, facilitated by reduced infiltration of surface waters by the asphalt and concrete cap, will be effective in reducing the mass of residual contamination at this site under current site conditions. Therefore, the Department considers the case "closed," having determined pursuant to WAC NR 726, that no further action is necessary on the site at this time, providing the following conditions are met:

1. Based on the investigative and remedial documentation provided to the Department, it appears that continued maintenance of the parking lot surface (or other impervious surface) is required to adequately address the residual contamination present at the above referenced site so that it will not pose a threat to human health or the environment. One requirement for closure will recording an approved (by the Department) deed restriction requiring the need maintain the integrity of the asphalt and concrete (or other impervious surface) over that area to deter infiltration of precipitation and surface water and that completion of the site investigation to determine the degree and extent of residual soil contamination above NR 720.09 RCLs is required if the asphalt and concrete cap is removed [in accordance with NR 726.05(8)(a)], at the County Register of Deeds office. A draft of the deed restriction document must be submitted to the Department for approval within 30 days after receipt of this letter, and the documents must be registered with the County Register of Deeds fifteen days after receiving Department approval.

   To document that this condition has been complied with, the property owner must submit to the it, within 15 days after the County Register of Deeds returns the deed restriction to the property owner. The deed affidavit and deed restriction may be amended in the future with the approval of Department if conditions change at the site such that the residual contamination is defined or remediated (if deemed necessary).

2. NR 720.11(1)(c), Wis. Adm. Code - An industrial residual contaminant level (RCL) is used as the site specific soil clean up standard for soils at a site. This rule requires a deed restriction be recorded to prohibit non-industrial uses of the Sam's Citgo Site. The restriction should also specify that further investigation and (if necessary) remediation will be necessary to meet non-industrial standards if non-industrial uses are planned for the site. A zoning change must accompany use of this remedial option if the site is not currently zoned industrial or in a zoning district that allows industrial land use.

3. A written engineering control maintenance plan should be provided to the Department outlining how the cap (or other impervious surface) will be inspected and maintained in the long-term.

4. As specified in s. NR 714.07(5), Wis. Adm. Code, where an action to address soil contamination includes a performance standard in accordance with s. NR 720.19(2), responsible parties shall publish a public notice as a class I notice under ch. 985, Stats. This public notice shall meet the requirements of s. NR 714.07(5)(a-e), Wis. Adm. Code, and should be published in the Wisconsin Rapids Daily Tribune. A copy of the published public notice should be submitted to the Department within 15 days of the published date to provide documentation that this requirement has been met.

5. The owner is required to sign and record a groundwater use restriction describing the type, location, and extent of the residual groundwater contamination, on the deed for all impacted properties and requiring that Department (or successor agency) approval must be obtained before any water supply wells are installed on the property.

6. The proper abandonment of the monitoring wells and remediation system currently at the site (pursuant of WAC NR 141) within sixty days of receipt of this letter. Documents should be forwarded to me at the WDNR Wisconsin Rapids office that substantiates proper abandonment (Form 3300-5W).

The deed restriction documents and written engineering control maintenance plan must be submitted to the Department for approval within 30 days after receipt of this letter, and the deed documents must be registered with the County Register of Deeds fifteen days after receiving Department approval of the draft deed restriction. To document that this condition has been complied with, the property owner must submit to the Department a copy of the recorded deed affidavit, with the recording information stamped on it, within 15 days after the County Register of Deeds returns the deed restriction to the property owner. The deed restriction may be amended in the future with the approval of Department if conditions change at the site such that the residual contamination is completely remediated (if deemed necessary).

Once written documentation that sections 1 - 6, above, have been completed, the Department will assign a final closure status to these sites.

You should note that this letter does not constitute Department "certification" under s. 292.15(2)(a)3, Stats., as created by 1993 Wisconsin Act 453 (May 12, 1994). Also, in 1997 Wisconsin Act 27, the legislature amended s. 292.15, Wis. Statutes, creating the new "Voluntary Party Remediation and Exemption from Liability" statute. This statute provides liability protection for persons who did not intentionally or recklessly cause the release of a hazardous substance and who conducts an environmental investigation and cleans up property by restoring the environment to the extent practicable and in accordance with rules promulgated by the Department. Upon completion of the cleanup, the person receives a

"certificate of completion" that provides an exemption from the "Hazardous Substance Spills" statute and protection from future liability for the past releases. You must apply for the program by filling out an application form and fees are charged to cover administrative costs associated with the program. If you are interested in more information about the program or would like an application package, please call Loren Brumberg at the West Central Region Office in Eau Claire at 715-839-3770.

If you feel you have additional information that would significantly impact the Department's closure decision, you may submit that information for our re-evaluation of case closure. Thank you for your efforts to cleanup Wisconsin's environment. If you should have any questions regarding this letter please contact me at (715) 421-7850.

Sincerely,

Tom Hvizdak
Hydrogeologist

c: Mark Strobel, STS, 3909 Concord Ave., Schofield, WI 54476

POST CLOSURE

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
PO Box 4001
Eau Claire WI 54702-4001

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

June 18, 2012

BRRTS No. 06-72-553631
FID No. 772010580

MR. STUART MARCOUX
DOMTAR A.W., LLC
395 de MAISONNEUVE BLVD. WEST
MONTREAL, QUEBEC H3A 1L6

Subject: A *Certificate of Completion* under the Voluntary Party Liability Exemption Program for the Environmental Investigation and Cleanup of the Domtar – Port Edwards Mill (I) Site, 100 Wisconsin River Drive, Village of Port Edwards, Wood County, Wisconsin

Dear Mr. Marcoux:

The Wisconsin Department of Natural Resources ("the Department") has reviewed your request for issuance of a *Certificate of Completion* under the Voluntary Party Liability Exemption ("VPLE") Program for the environmental investigation and cleanup of property owned by Domtar A.W., LLC and known as the Domtar – Port Edwards Mill (I) site located at 100 Wisconsin River Drive, Village of Port Edwards, Wisconsin. You have requested that the Department determine whether Domtar A.W., LLC has met the environmental investigation and remediation requirements under s. 292.15(2), Wis. Stats., for issuance of a *Certificate of Completion.*

The site consists of 28 parcels of real property described on four deeds (Special Warranty Deed Document #883553, Warranty Deed Document #887363, Warranty Deed Document #2004R08090, and Quit Claim Deed Document #2012R04914) located in parts of the Southeast ¼ of Section 35 and Southwest ¼ of Section 36, Township 22 North, Range 05 East, and Northwest ¼ of Section 1, Township 21 North, Range 05 East, Village of Port Edwards, Wood County, Wisconsin, hereinafter referred to as "the Property". The Property is further described in the aforementioned deeds in Attachment A of the *Certificate of Completion.*

Determination

As you are aware, s. 292.15, Wis. Stats., authorizes the Department to issue a *Certificate of Completion* to a voluntary party that conducts an approved environmental investigation of a property and restores the environment to the extent practicable and minimizes the harmful effects with respect to hazardous substance discharges on or originating from the Property. Based on the information received by the Department, the Department has determined that the investigation and cleanup of the Property is complete and that all conditions in s. 292.15(2), Wis. Stats., have been met. Attached is the *Certificate of Completion* for this Property.

POST CLOSURE

The Property has been entered onto the WDNR's Geographical Information System ("GIS") Registry due to the presence of contaminants in soils that exceeds site-specific and/or generic residual contaminant levels ("RCLs") under ch NR 720, Wis. Adm. Code, and groundwater contamination that exceeds groundwater quality enforcement standards under ch. NR 140, Wis. Adm. Code, and solid waste contained in a licensed, non-approved landfill. The purpose of maintaining this database is to make this information available to the public and to notify future property owners of any requirements, limitations, or conditions imposed by the Department. Continuing obligations and cap maintenance plans imposed by the Department for the Property are described in seven (7) case closure letters, and one (1) closure letter for the licensed landfill, as attachments to the *Certificate of Completion.* Particular attention should be paid to these continuing obligations because failure to maintain and monitor the property as required in case closure letters can result in the loss of your liability protections.

Conclusions

The Department appreciates the work conducted by Domtar A.W., LLC to investigate and restore the environment to the extent practicable at the Property. The exemptions provided by this *Certificate of Completion* apply to any successor or assignee of Domtar A.W., LLC, dependent upon the successor or assignee complying with the conditions of s. 292.15, Wis. Stats. If you have any questions or concerns regarding the *Certificate of Completion* and its exemptions or responsibilities, please call me at 715-839-3770 or Attorney Kristin Hess at 608-266-9454.

Sincerely,

Loren A. Brumberg

Loren A. Brumberg
Waste Management Specialist
Remediation & Redevelopment Program

LAB:lb
Attachment: *Certificate of Completion*

c: Michael Prager – RR/5
Kristin Hess – LS/8
Bill Evans – WCR
Tom Hvizdak – Wisconsin Rapids Service Center
Dave Ulrich, Domtar A.W., LLC, 301 Point Basse Avenue, Nekoosa, WI 54457-1422
James Hutchens, Environ, 175 North Corporate Drive, Suite 160, Brookfield, WI 53045

POST CLOSURE

State of Wisconsin
Department of Natural Resources

CERTIFICATE OF COMPLETION OF RESPONSE ACTIONS UNDER SECTION 292.15(2)(ae), WIS. STATS.

Whereas, **Domtar A.W., LLC** has applied for an exemption from liability under s. 292.15, Wis. Stats., for property located at 100 Wisconsin River Drive, Village of Port Edwards, Wisconsin, which is commonly referred to as the Domtar - Port Edwards Mill (I) site, further described in the legal description found on Attachment A, and hereinafter referred to as "the Property";

Whereas, an environmental investigation of the Property has been conducted and the Wisconsin Department of Natural Resources ("WDNR") has determined that contamination exists at the Property;

Whereas, **Domtar A.W., LLC** has submitted to the WDNR certain investigation reports and remedial action plans for the Property which comply with the requirements set forth in chs. NR 700-754, Wis. Adm. Code, consisting of documents and reports listed in Attachment B;

Whereas, in accordance with s. 292.15(2)(ae)1., Wis. Stats., the WDNR has determined that an environmental investigation has been conducted which adequately identified and evaluated the nature and extent of the hazardous substance discharges on the Property. The WDNR approved of the environmental investigation on **March 18, 2011**;

Whereas, the Property contains soil contamination that exceeds site-specific and/or generic residual contaminant levels ("RCLs") under ch. NR 720, Wis. Adm. Code; groundwater contamination that exceeds groundwater quality enforcement standards under ch. NR 140, Wis. Adm. Code; and solid waste contained in a licensed, non-approved landfill. Therefore, the Property will be included on the WDNR Geographical Information System database ("the GIS Registry") pursuant to s. 292.12(3), Wis. Stats. **Domtar A.W., LLC** has submitted to the WDNR all the information necessary to be included on the GIS Registry, pursuant to s. NR 726.05(2), Wis. Adm. Code;

POST CLOSURE

Whereas, on June 1, 2012, the WDNR issued a summary case closure letter for the Property (Attachment C). In addition, several other older closure letters are also applicable for this Property. The owner of this Property shall adhere to, abide by, and maintain the continuing obligations and other requirements that are specified in the attached final case closure letter and cap maintenance plans. This site will be listed on the WDNR's GIS Registry of Sites with Residual Contamination and Continuing Obligations. The case closure letters include the following requirements:

- Residual soil contamination exists that must be properly managed should the soil be excavated or removed;
- Before the land use may be changed from industrial to non-industrial, a notification to the WDNR is required, at a minimum, and existing covers would need to be re-evaluated to determine if the covers are protective of human health based on future land uses;
- Pavement, an engineered cover, structures, or soil barriers must be maintained over contaminated soil, and the WDNR must approve any changes to the barriers in accordance with the approved cap maintenance plans and land use;
- Soil barrier or cap must be maintained over the Village of Port Edwards Non-Combustible Landfill (License #1255) in accordance with the approved cap maintenance plan.
- Activities that would alter, remove, or displace the pavement, engineered cover, structures, or soil barrier are prohibited unless prior written approval has been obtained from the WDNR;
- A written exemption issued by the WDNR under the Building on Abandoned Landfills process shall be obtained prior to any construction activities impacting the landfill soil barrier or cap.
- Multiple monitoring wells were not located. These must be properly abandoned, if found.

Whereas, the WDNR determination that the response action is complete and was based on the Property being used as an industrial facility. In the event that the covers or barriers that currently exist are removed, the replacement barrier must be equally protective. Because of the residual contamination and certain continuing obligations for this site, before use of this site can be changed to residential use, or use by certain sensitive populations, such as a day care center, school, a senior center, hospital, or a similar use, notification of the WDNR is required at a minimum. Additional sampling and/or cleanup may be required to ensure that the residual contamination levels, existing remedial action and land use is protective;

Whereas, if the requirements of this Certificate, the closure letter, or the maintenance plans are not followed, or if the land use changes, the WDNR may take actions under ss. 292.11 or 292.12, Wis. Stats., to ensure compliance with the specified requirements, and the person who owns or controls the Property may no longer qualify for the liability protections under s. 292.15, Wis. Stats.;

POST CLOSURE

Whereas, **Domtar A.W., LLC** has paid to the WDNR the appropriate insurance fee and has submitted a complete insurance application form to obtain coverage for the Property under Wisconsin's master insurance contract in accordance with s. 292.15(2)(ae)3m., Wis. Stats., and ch. NR 754, Wis. Adm. Code, based on their desire to use natural attenuation to remediate groundwater contamination that exceeds ch. NR 140, Wis. Adm. Code, groundwater quality enforcement standards;

Whereas, on **March 18, 2011**, the WDNR determined that response actions necessary to restore the environment to the extent practicable were completed, except with respect to groundwater contaminated with chrysene above the ch. NR 140, Wis. Adm. Code, groundwater quality enforcement standards. The WDNR has determined that groundwater contamination can be brought into compliance through natural attenuation in accordance with administrative rules promulgated by the WDNR.

Therefore, based upon the information that has been submitted, the WDNR hereby certifies that the response actions set forth in the WDNR-approved remedial action plan for the Property and any other necessary response actions have been completed, except with respect to groundwater contaminated with chrysene above the ch. NR 140, Wis. Adm. Code, groundwater quality enforcement standard. The WDNR has determined that groundwater contamination can be brought into compliance through natural attenuation in accordance with administrative rules promulgated by the WDNR.

Upon issuance of this *Certificate of Completion*, **Domtar A.W., LLC** and persons qualified for protection under s. 292.15(3), Wis. Stats., are exempt from the provisions of ss. 289.05(1), (2), (3) and (4), 289.42(1), 289.67, 291.25(1) to (5), 291.29, 291.37, 292.11(3), (4), and (7)(b) and (c) and 292.31(8), Wis. Stats., with respect to the existence of hazardous substances on or originating from the Property, the release of which occurred prior to the date the WDNR approved the environmental investigation required under s. 292.15(2)(ae)1., Wis. Stats.

However, the person who owns or controls the Property would no longer qualify for this liability exemption if that person fails to maintain or monitor the Property as required by the conditions in this *Certificate of Completion*, the June 1, 2012, final case closure letter (Attachment C), s. 292.12, Wis. Stats., and administrative rules promulgated by the WDNR. Any releases of a hazardous substance to or from the Property that occur after the date that the environmental investigation was approved will be the responsibility of the current Property owner and any other person who possesses or controls that discharge and any person who caused the discharge.

POST CLOSURE

If natural attenuation of contaminated groundwater fails, the insurance coverage under s. 292.15(2)(ae)3m., Wis. Stats., may be used by the State to cover the costs of complying with s. 292.11(2), Wis. Stats., with respect to groundwater quality.

The protection from liability provided under s. 292.15(2), Wis. Stats., does not apply to any person who has obtained a *Certificate of Completion* by fraud or misrepresentation, or by the knowing failure to disclose material information or under circumstances in which **Domtar A.W., LLC** knew or should have known about more discharges of hazardous substances than was revealed by the investigation approved by the WDNR.

Nothing in this *Certificate of Completion* or in s. 292.15, Wis. Stats., affects the authority of the WDNR to exercise any powers or duties under applicable laws other than ss. 289.05(1), (2), (3) and (4), 289.42(1), 289.67, 291.25(1) to (5), 291.29, 291.37, 292.11(3), (4), and (7)(b) and (c) and 292.31(8), Wis. Stats., with respect to any release or threatened release of contaminants at the Property, or the right of the WDNR to seek relief available against any person who is not entitled to protection from liability under s. 292.15, Wis. Stats., with respect to such release or threatened release.

SIGNED AND CERTIFIED this 7th day of June, 2012.

Mark F. Giesfeldt, Director
Bureau for Remediation and Redevelopment
Wisconsin Department of Natural Resources

POST CLOSURE

ATTACHMENT A
LEGAL PROPERTY DESCRIPTION
Domtar A.W., LLC
Domtar - Port Edwards Mill (I) Site

See attached Special Warranty Deed Document #883553 recorded with the Office of the Register of Deeds of Wood County on August 7, 2001.

See attached Warranty Deed Document #887363 recorded with the Office of the Register of Deeds of Wood County on October 15, 2001.

See attached Warranty Deed Document #2004R08090 recorded with the Office of the Register of Deeds of Wood County on June 9, 2004.

See attached Quit Claim Deed Document #2012R04914 recorded with the Office of the Register of Deeds of Wood County on May 11, 2012.

This *Certificate of Completion* applies only to parcels listed in Exhibit A of Special Warranty Deed Document #883553, parcel listed on Warranty Deed Document #887363, parcel listed on Warranty Deed Document #2004R08090, and parcels listed on Quit Claim Deed Document #2012R04914, as follows:

Parcel No.	Tax Key No.	Acreage
14	27-00080A	2.84
15	27-00316	0.40
21	27-00317	0.40
22	27-00339A	0.25
23	27-00339G	0.25
24	27-00339H	0.25
25	27-00339I	0.25
26	27-00339J	0.25
38	27-00079	0.93
39	27-00081	33.44
39a	27-00081B	1.35
40	27-00081A	2.22
41	27-00082	1.00
43	27-00087	0.74
52	27-00339C	0.25
92	27-00074B	1.58
94	27-00339B	0.25
95	27-00339E	0.25
169	27-00071A	2.95
170	27-00071B	2.45
202	27-00339F	0.25
203	27-00079A	2.80

POST CLOSURE

Parcel No.	Tax Key No.	Acreage
1	27-00071	0.28
4	27-00339D	0.19
1	27-00083B	1.55
2	27-00083C	0.13
3	27-00083D	0.53
4	27-00083E	0.13

POST CLOSURE

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary
Scott Humrickhouse, Regional Director

Wisconsin Rapids Service Center
473 Griffith Avenue
Wisconsin Rapids, Wisconsin 54494
Telephone 715-421-7800
FAX 715-421-7830

August 27, 2012

BRRTS #06-72-553631
FID No. 772010580

Mr. Stewart Marcoux
Domtar A.W., LLC
395 de Maisonneuve Blvd. West
Montreal, Quebec H3A 1L6

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Revised Summary of Continuing Obligations to maintain Voluntary Party Liability Exemption (VPLE)
Domtar Port Edwards Mill (I) Site
100 Wisconsin River Drive, Port Edwards, Wisconsin

Dear Mr. Marcoux:

The purpose of this letter is to identify all known source areas of contamination within the Domtar Port Edwards Mill I site, (referred to in this letter as the "Property") and to summarize any continuing obligations required at the Property due to contamination remaining at some of the source areas on the Property. Each source area is listed on the Wisconsin Department of Natural Resources Bureau of Remediation and Redevelopment Tracking System (BRRTS).

The continuing obligations are part of the cleanup and case closure approved for the some of the source areas within the Property. Information on continuing obligations on properties is shown on the Internet at http://dnrmaps.wi.gov/imf/imf.jsp?site=brrts2. How to find further information about the closure and residual contamination for this site can be located at http://dnr.wi.gov/topic/Brownfields/clean.html.

The following are the known contaminated sites with continuing obligations; their BRRTS Number and their locations are listed in the following table:

Site Name	BRRTS #	WTM Coordinates
Georgia Pacific Truck Repair	03-72-000872	530748, 429715
Nekoosa Edwards Non-Combustible LF #1255	02-72-558436	530860, 429230
Sam's Citgo	03-72-000268	531158, 429498
Georgia Pacific Old Fire Station	03-72-000906	531154, 429487
Domtar Port Edwards Roundhouse	02-72-554525	531056, 429371
Georgia Pacific #6 Fuel Oil AST	02-72-236615	530910, 429350
Domtar Port Edwards Mill Production Area	02-72-554728	531266, 429324
Domtar Port Edwards UST PE Warehouse	03-72-555266	530843, 429560

POST CLOSURE

Continuing Obligations

The continuing obligations for each site are summarized below. Further details on actions required at each site are found in their respective closure letter attached to this letter:

Georgia Pacific Truck Repair

- Residual soil contamination exists that must be properly managed should it be excavated or removed.

Nekoosa Edwards Non-Combustible LF #1255

- Pavement, an engineered cover or a soil barrier must be maintained over waste materials and the DNR must approve any changes to this barrier.

Sam's Citgo

- Groundwater contamination is present above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- One or more monitoring wells were not located and must be properly filled and sealed if found.
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the DNR must approve any changes to this barrier.

Georgia Pacific Old Fire Station

- Groundwater contamination is present above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- One or more monitoring wells were not located and must be properly filled and sealed if found.
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the DNR must approve any changes to this barrier.

Domtar Port Edwards Roundhouse

- Groundwater contamination is present above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Before the land use may be changed from industrial to non-industrial, DNR must approve the change in use.

Georgia Pacific #6 Fuel Oil AST

- Groundwater contamination is present above ch. NR 140, Wis. Adm. Code enforcement standards.

POST CLOSURE

- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- One or more monitoring wells were not located and must be properly filled and sealed if found.

Domtar Port Edwards Mill Production Area

- Groundwater contamination is present above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Pavement, buildings, or an engineered cover must be maintained over contaminated soil and the DNR must approve any changes to this barrier.
- Before the land use may be changed from industrial to non-industrial, additional environmental work must be completed.

Domtar Port Edwards UST PE Warehouse

- Groundwater contamination is present above ch. NR 140, Wis. Adm. Code enforcement standards.
- 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 DNR must approve any changes to this barrier.

Property Owner Responsibilities

The owner (you and any subsequent property owner) of this Property is responsible for compliance with these continuing obligations, pursuant to s. 292.12, Wis. Stats. You are strongly encouraged to pass on the information about these continuing obligations to anyone who purchases this property from you (i.e. pass on this letter). For residential property transactions, you are required to make disclosures under Wis. Stats. s. 709.02. You may have additional obligations to notify buyers of the condition of the property and the continuing obligations set out in this letter and the closure letter.

Please be aware that failure to comply with the continuing obligations may result in enforcement action by the Department **and nullification of the liability exemption for these impacted areas**. The Department intends to conduct inspections in the future to ensure that the conditions included in this letter, including compliance with referenced maintenance plans, are met.

When maintenance of a continuing obligation is required, the Property owner is responsible for inspections, repairs, or replacements as needed. Such actions should be documented by the Property owner and the records kept accessible for the Department to review for as long as the Department directs.

You and any subsequent Property owners are responsible for notifying the Department, and obtaining approval, before making any changes to the property that would affect the obligations applied to the Property. Send all written notifications in accordance with the above requirements to Wisconsin Department of Natural Resources West Central Region Headquarters at 1300 West Clairemont Avenue, Eau Claire, Wisconsin 54701, to the attention of the Remediation and Redevelopment Program Assistant.

POST CLOSURE

The following DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" has been included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf.

The Department appreciates your efforts. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Loren Brumberg at (715) 839-3770 or Tom Hvizdak at (715) 421-7850.

Sincerely,

Tom Hvizdak
Hydrogeologist
Remediation & Redevelopment Program

Attachments
- Georgia Pacific Truck Repair Case Closure Letter (dated 08/24/1999)
- Nekoosa Edwards Non-Combustible LF #1255 Case Closure Letter (dated 03/14/2012)
- Case Closure Letter for the Sam's Citgo and the Georgia Pacific Old Fire Station Cases (dated10/31/2001)
- Well Abandonment Letter regarding the Sam's Citgo and the Georgia Pacific Old Fire Station Cases (dated 11/18/2009)
- Domtar Port Edwards Roundhouse Case Closure Letter (dated 02/02/2012)
- Georgia Pacific #6 Fuel Oil AST Case Closure Letter (dated 06/23/2008)
- Domtar Port Edwards Mill Production Area Case Closure Letter (dated 02/02/2012)
- Domtar Port Edwards UST PE Warehouse Case Closure Letter (dated 02/02/2012)
- DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection"

c: Dave Ulrich, Domtar A.W., LLC, 301 Point Basse Ave., Nekoosa, WI 54457-1422
James Hutchens, Environ, 175 N. Corporate Dr., Suite 160, Brookfield, WI 53045
Loren Brumberg, Bill Evans – WDNR WCR

Document Number	DEED RESTRICTION

883500

REGISTER OF DEEDS
WOOD COUNTY
RECORDED ON

08-07-2001 11:20 AM

RENE' L KRAUSE
REGISTER OF DEEDS

Rene' L. Krause dp

REC. FEE 14.00
TRAN. FEE:
PAGES: 3

Recording Area HOP S. McDowell

Name and Return Address

STS Consultants, Ltd. (James W. Kauer)
3909 Concord Avenue
Schofield, Wisconsin 54476-6208

In Re: Lot 1, a portion of land located in Government Lot 3 of Section 36, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin as identified on Wood County Certified Survey Map No. 7174 Recorded in Volume 24, Page 274.

STATE OF WISCONSIN)
) ss
COUNTY OF WOOD)

WHEREAS, Georgia-Pacific Corporation is the owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property. In 1993, when soil samples were last collected on this property, petroleum soil contamination existed on the northern one-half of this parcel property in the vicinity of the Former Sam's CITGO underground storage tanks and in the vicinity of the Former Port Edwards Fire Station. Benzo(a)pyrene and dibenzo(a,h)anthracene, lead, toluene and/or benzene -contaminated soil remains on this property at the locations shown on attached drawing No. 407.

27-00018B
Parcel Identification Number (PIN)

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

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

The following activities are prohibited on that portion of the property described above where pavement, that serves as a cap, has been placed unless prior written approval has been obtained from the Wisconsin Department of Natural Resources or its successor or assign: (1) Excavating or grading of the land surface; (2) Filling on the capped area; (3) Plowing for agricultural cultivation; and (4) Construction or installation of a building or other structure with a foundation that would sit on or be placed within the capped area. In addition, the pavement or a replacement cap shall be maintained in compliance with a plan prepared and submitted to the Wisconsin Department of Natural Resources by a responsible party, as required by section NR 724.13(2), Wis. Adm. Code (1999).

The property described above may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless (at the time that the non-industrial use is proposed) an investigation is conducted to determine the degree and extent of petroleum contamination that remains on the property and remedial action is taken as necessary to meet all applicable non-industrial soil cleanup standards.

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

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that the restrictions set forth in this covenant are no longer required. Upon receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not

the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

By signing this document, Daniel R. Trettin, Vice-President of Wisconsin Pulp & Paper Operations, asserts that he is duly authorized to sign this document on behalf of Georgia-Pacific Corporation.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 3rd day of August, 20 01.

Signature: Daniel R Trettin

Printed Name: Daniel R. Trettin

Subscribed and sworn to before me
this 3rd day of August, 2001.

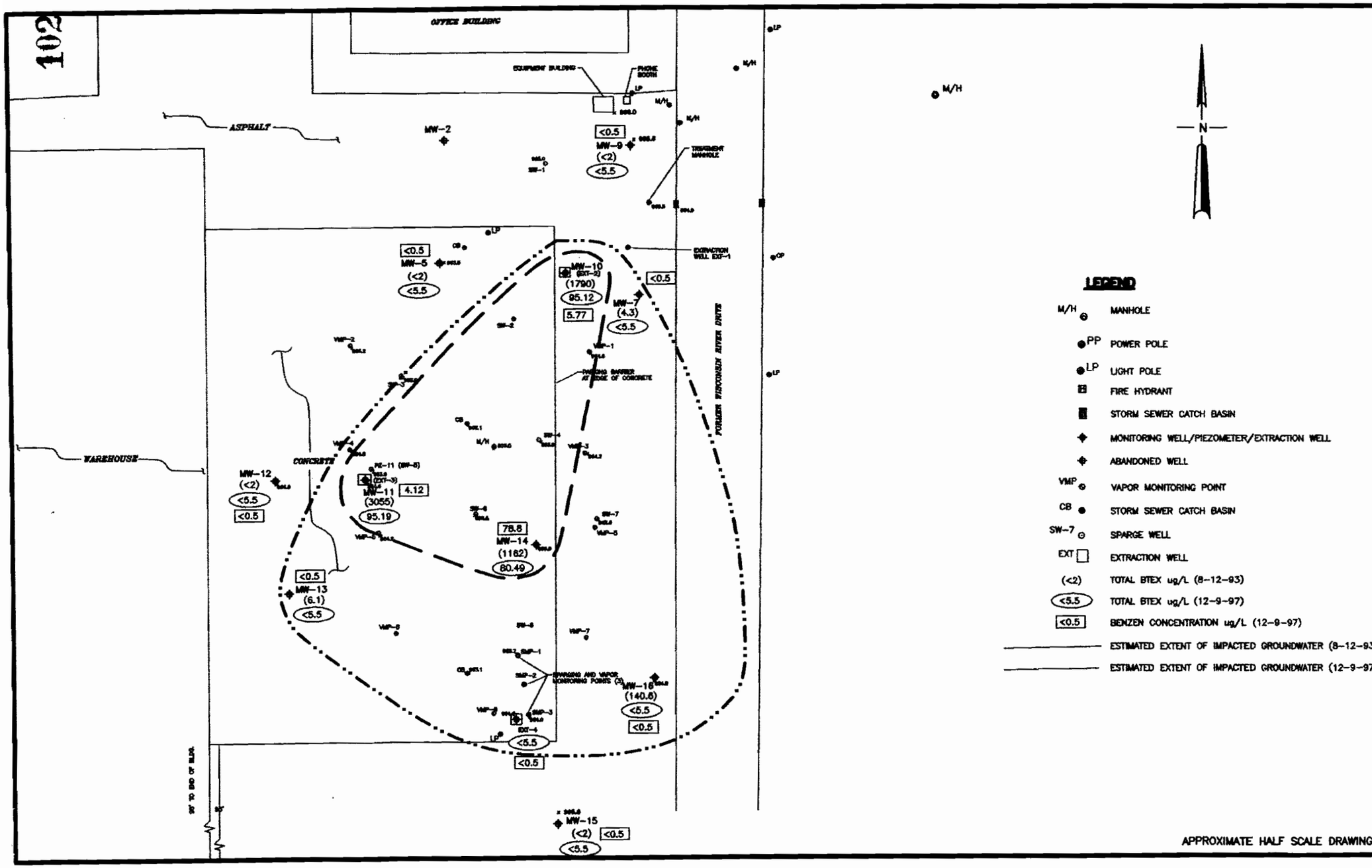
James Fox

James Fox

Notary Public, State of Wisconsin
My commission expires 9/12/04

JAMES C. FOX NOTARY PUBLIC STATE OF WISCONSIN

This document was originally drafted by the Wisconsin Department of Natural Resources and Modified by STS Consultants, Ltd.



DRAWN BY D.J.M. DATE 2-13-98
CHECKED BY S.P.M. DATE 2-13-98
APPROVED BY DATE
CADFILE DWG98\17737\WA\G4737407.DWG

THE FORMER SAM'S CITGO SERVICE STATION
GEORGIA-PACIFIC CORPORATION
PORT EDWARDS, WISCONSIN

INITIAL AND RECENT BTEX CONCENTRATIONS IN GROUNDWATER

STS Consultants Ltd.
Consulting Engineers

STS PROJECT NUMBER 17737WA
STS PROJECT FILE
SCALE 1"= 40'
SHEET NUMBER 407

Document Number	GROUNDWATER USE RESTRICTION

883501

REGISTER OF DEEDS
WOOD COUNTY
RECORDED ON

08-07-2001 11:20 AM

RENE' L KRAUSE
REGISTER OF DEEDS

Rene' L. Krause Dp

REC. FEE 14.00
TRAN. FEE:
PAGES: 3

Recording Area 400 S. McNeil

Name and Return Address

STS Consultants, Ltd. (James W. Kauer)
3909 Concord Avenue
Schofield, Wisconsin 54476-6208

27-00018B

Parcel Identification Number (PIN)

Declaration of Restrictions

In Re: Lot 1, a portion of land located in Government Lot 3 of Section 36, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin as identified on Wood County Certified Survey Map No. 7174 Recorded in Volume 24, Page 274.

STATE OF WISCONSIN)
) ss
COUNTY OF WOOD)

WHEREAS, Georgia-Pacific Corporation is the owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred at this property. Benzene contaminated groundwater above ch. NR 140 Wis. Adm. Code enforcement standards existed on this property at the following locations shown on attached drawing No. 501:

MW-11 (EXT-3)	6.39 µg/l (12/9/97)
MW-14	78.8 µg/l (12/9/97)
EXT-1	98.1 µg/l (7/23/93)

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by ch. NR 811 and ch. NR 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

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

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

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

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

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

By signing this document, Daniel R. Trettin, Vice-President of Wisconsin Pulp & Paper Operations, asserts that he is duly authorized to sign this document on behalf of Georgia-Pacific Corporation.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 3 day of August, 2001.

Signature: Daniel R. Trettin

Printed Name: Daniel R. Trettin

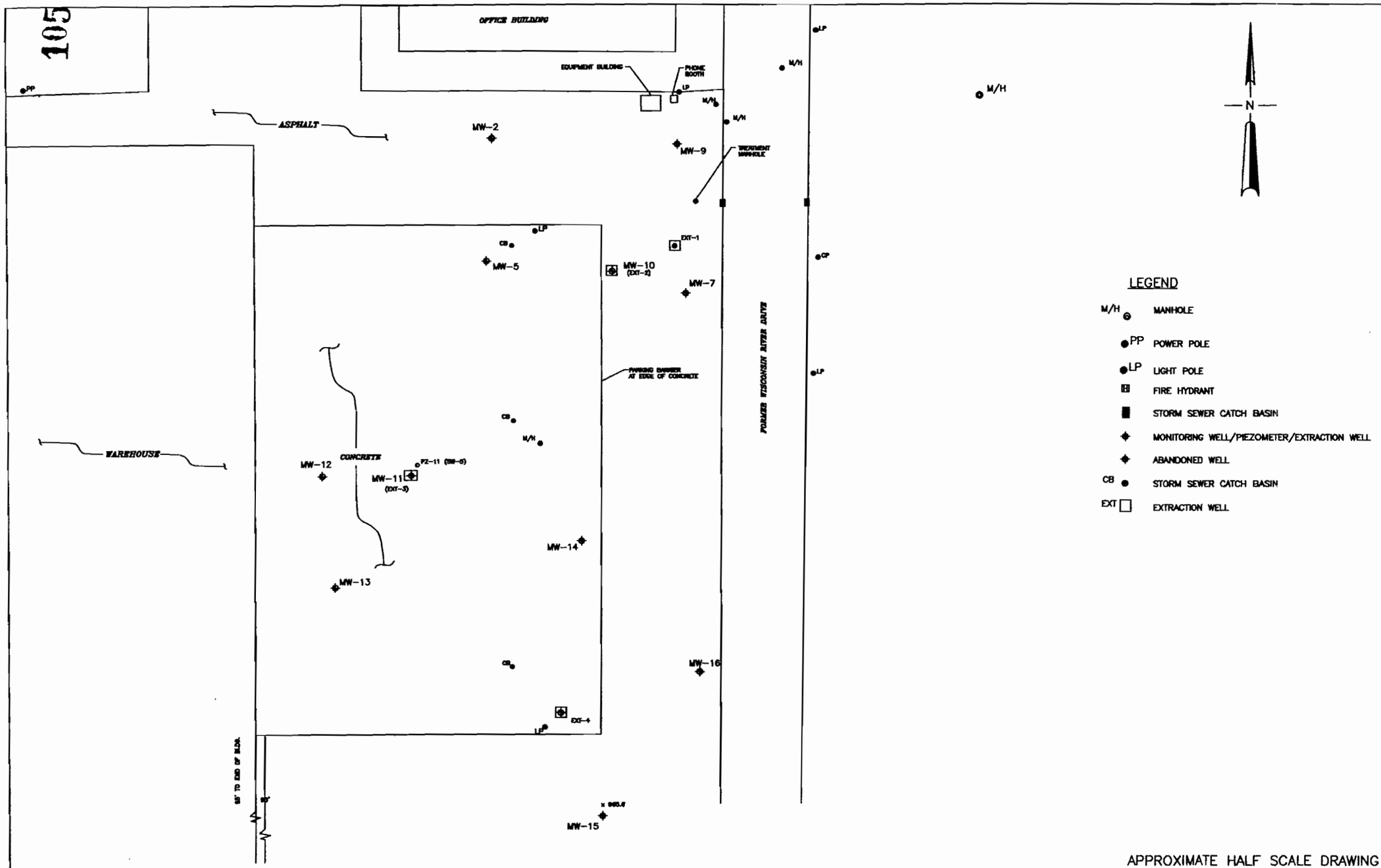
Subscribed and sworn to before me
this 3rd day of August, 2001.

James Fox

Notary Public, State of Wisconsin
My commission expires 9/12/04

JAMES C. FOX NOTARY PUBLIC STATE OF WISCONSIN

This document was originally drafted by the Wisconsin Department of Natural Resources and Modified by SES Consultants, Ltd.



DRAWN BY RAB DATE 6-15-98
CHECKED BY SPM DATE 6-15-98
APPROVED BY DATE
CADFILE DWG98\17737\WA\G4737701A.DWG

THE FORMER SAM'S CITGO SERVICE STATION
GEORGIA-PACIFIC CORPORATION
PORT EDWARDS, WISCONSIN

STS Consultants Ltd.
Consulting Engineers

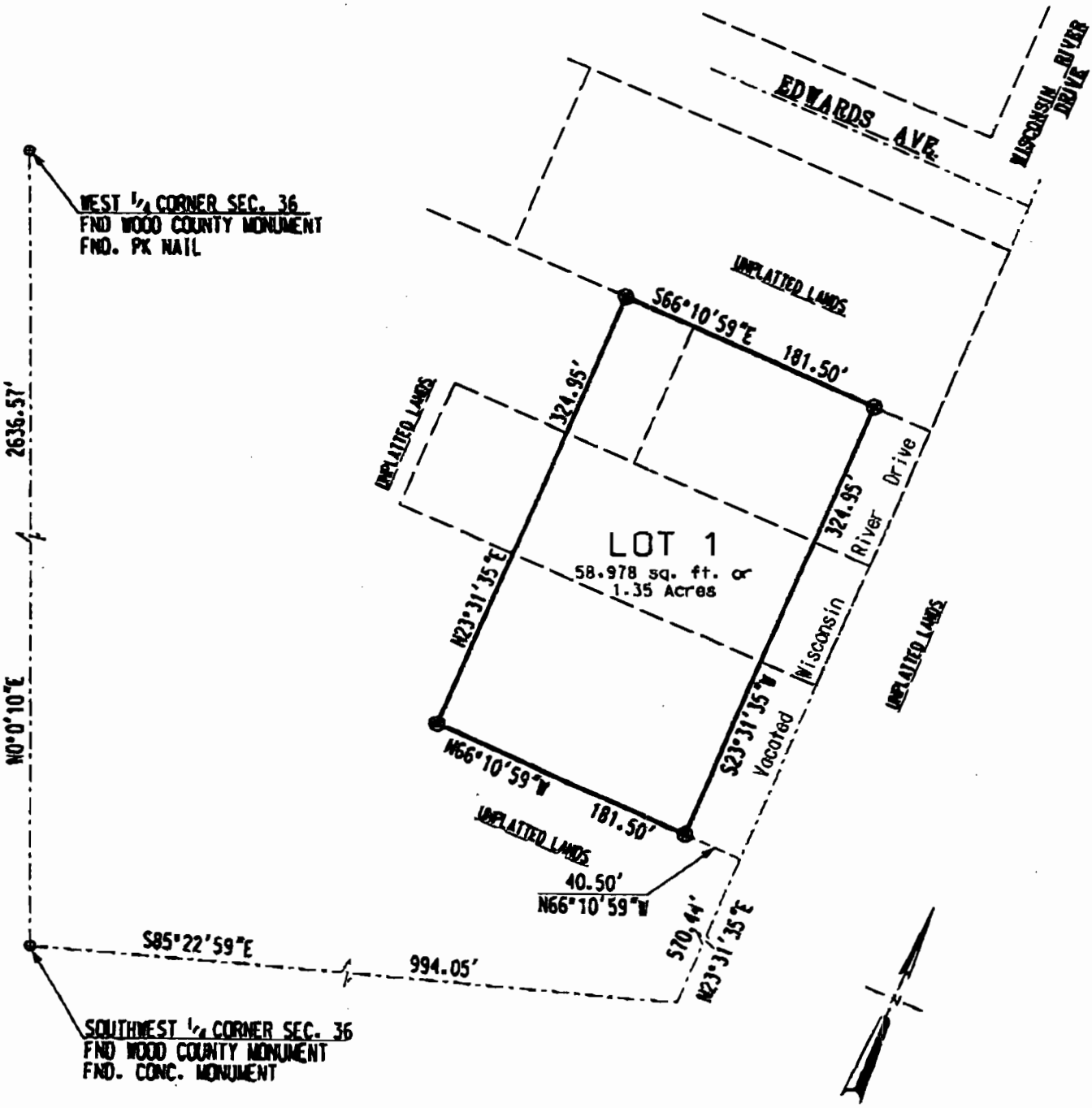
STS PROJECT NO. 17737WA

SCALE 1"= 40'

FIGURE NO. 501

WOOD COUNTY CERTIFIED SURVEY MAP No. 7174

A PORTION OF LAND LOCATED IN GOVERNMENT LOT 3 OF SECTION 36,
TOWNSHIP 22 NORTH, RANGE 5 EAST,
VILLAGE OF PORT EDWARDS, WOOD COUNTY, WISCONSIN



Bearings referenced to the West line
of the Southwest quarter of Section 36
T 22 N, R 5 E.
Assumed to be N 0°00'10" E

LEGEND

- ●IP 1" IRON PIPE FOUND
- ⊕ 1" X 24" IRON PIPE (SET)
  MIN. WT. 1.13 LB/LIN/FT

SCALE 1"=100'

WOOD COUNTY CERTIFIED SURVEY MAP No. 7174

A PORTION OF LAND LOCATED IN GOVERNMENT LOT 3 OF SECTION 36,
TOWNSHIP 22 NORTH, RANGE 5 EAST,
VILLAGE OF PORT EDWARDS, WOOD COUNTY, WISCONSIN

SURVEYORS CERTIFICATE

I, FRANCIS M. HEAFY, REGISTERED LAND SURVEYOR, hereby certify:

That I have surveyed and mapped this survey locates in part of Government Lot 3 of Section 36, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin described as follows:

Commencing at the Southwest corner of said Section 36:
thence South 85° 22'59" East 994.05 feet to a point on the centerline of the vacated Wisconsin River Drive;
thence North 23° 31'15" East along said centerline 570.44 feet;
thence North 66° 10'59" West 40.50 feet to the POINT OF BEGINNING;
thence continuing North 66° 10'59" West 181.50 feet;
thence North 23° 31'15" East 324.95 feet;
thence South 66° 10'59" East 181.50 feet;
thence South 23° 31'15" West 324.95 feet to the POINT OF BEGINNING.

Said parcel contains 58,978 square feet or 1.35 acres and is subject to all rights of way, easements, restrictions and other matters of record.

That I have made this survey at the direction of the Georgia Pacific Corporation.

That this map is a correct representation of the exterior boundaries of the land surveyed and the subdivision thereof made; that I have complied fully with the provisions of Chapter 236.34 of the Wisconsin Statutes and the Village of Port Edwards Municipal Codes.

10/31/00

FRANCIS M. HEAFY R.L.S. 2079
Drafted by Francis Heafy

WISCONSIN
FRANCIS M. HEAFY
S 2079
GREENLEAF, WIS.
LAND SURVEYOR

VILLAGE BOARD APPROVAL CERTIFICATE

RESOLVED, THAT THE CERTIFIED SURVEY MAP FOR GEORGIA PACIFIC CORPORATION IN THE VILLAGE OF PORT EDWARDS IS HEREBY APPROVED BY THE VILLAGE BOARD.

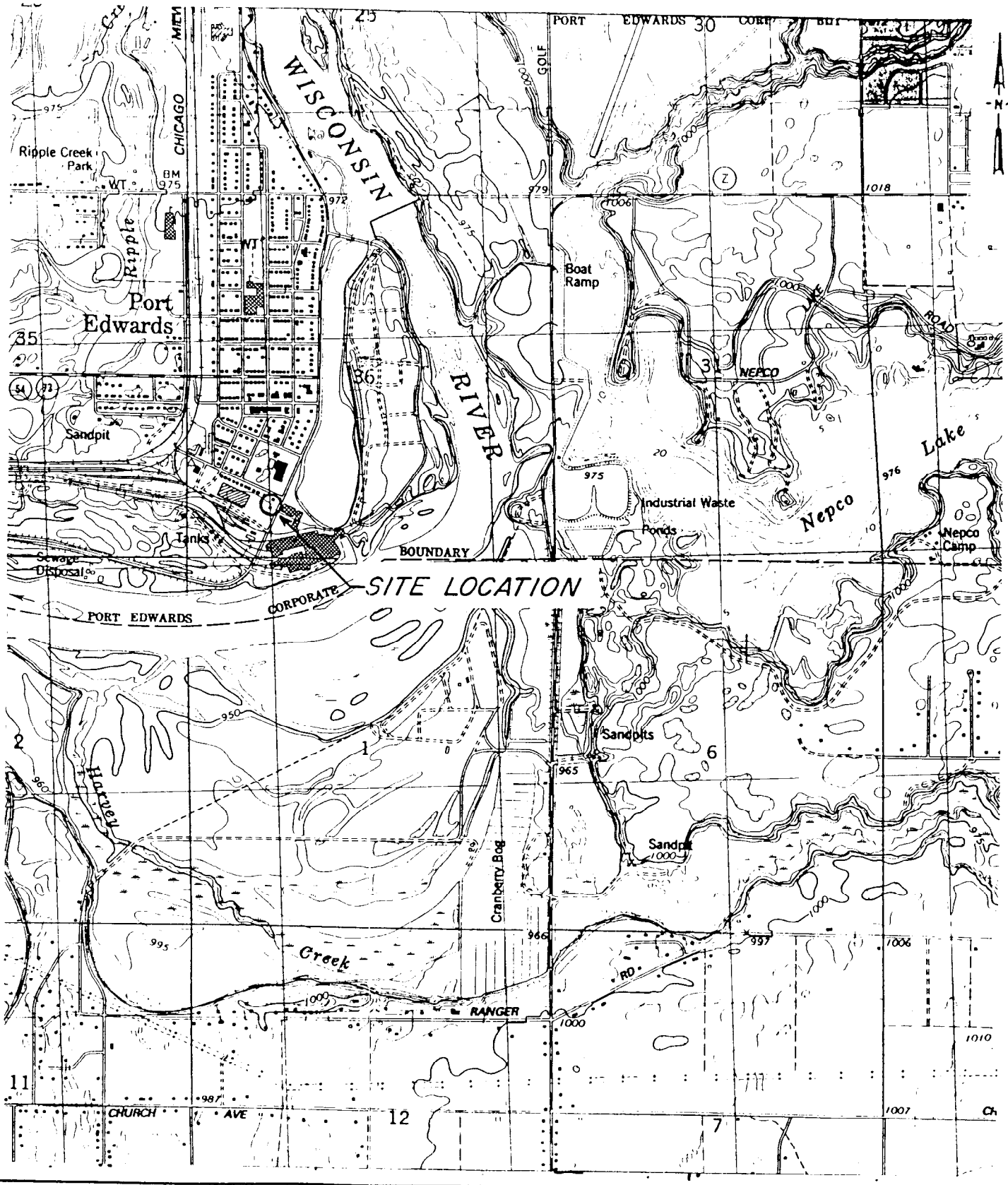
DATE Nov. 1, 2000

APPROVED

WILLIAM KARBERG, VILLAGE PRESIDENT

I HEREBY CERTIFY THAT THE FOREGOING IS A COPY OF A RESOLUTION ADOPTED BY THE VILLAGE OF PORT EDWARDS.

KAREN THIEL, VILLAGE CLERK



STS Consultants Ltd.
Consulting Engineers

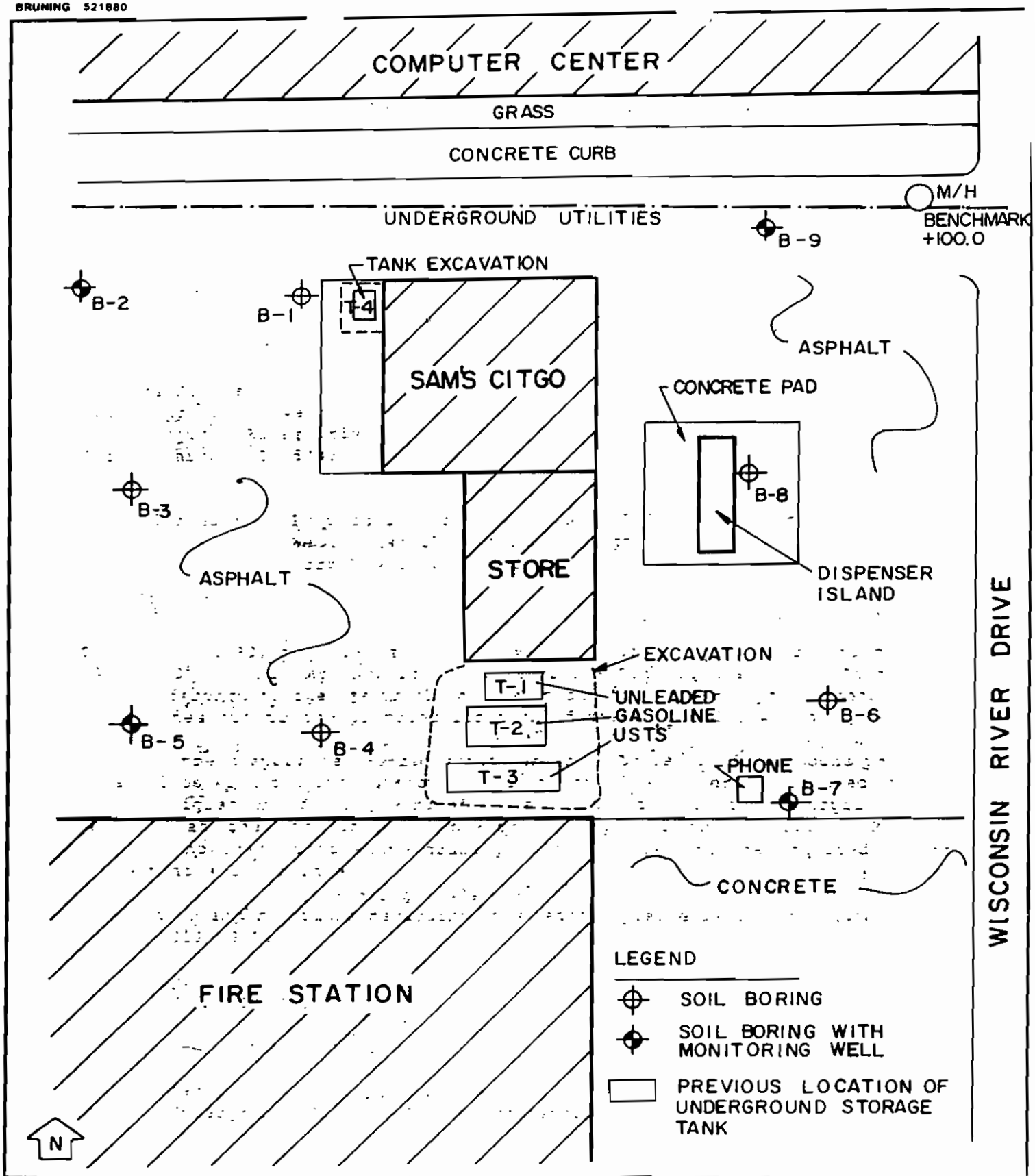
PROJECT/CLIENT

THE FORMER SAM S CITGO SERVICE STATION
GEORGIA–PACIFIC CORPORATION
PORT EDWARDS, WISCONSIN

SITE LOCATION DIAGRAM

DRAWN BY	RAB	12/6/93
CHECKED BY	MJC	12/6/93
APPROVED BY	MSB	1/21/94
SCALE 1" = 2000'	FIGURE NO. 1	
STS DRAWING NO. 17737 W		

BRUNING 521880

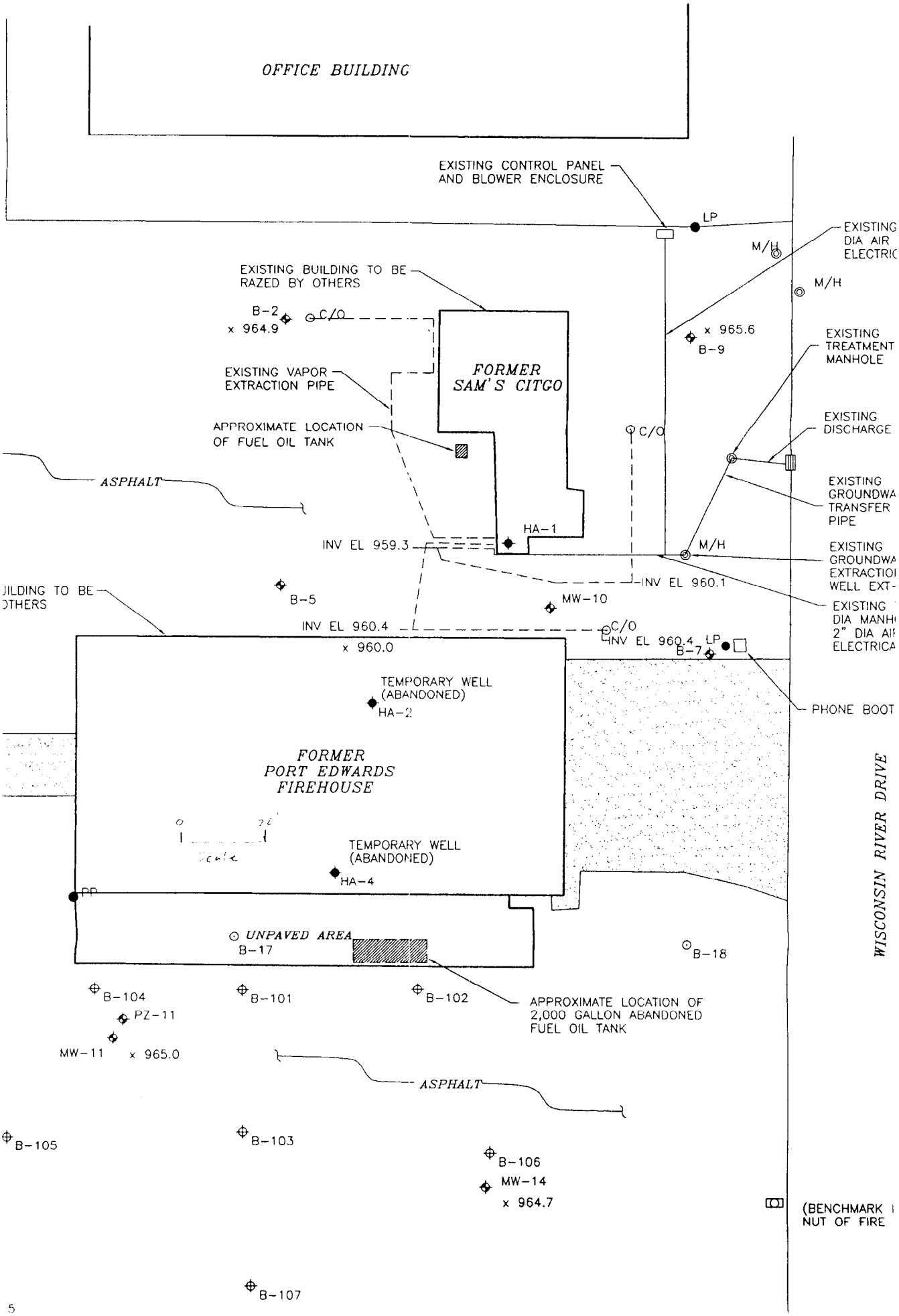


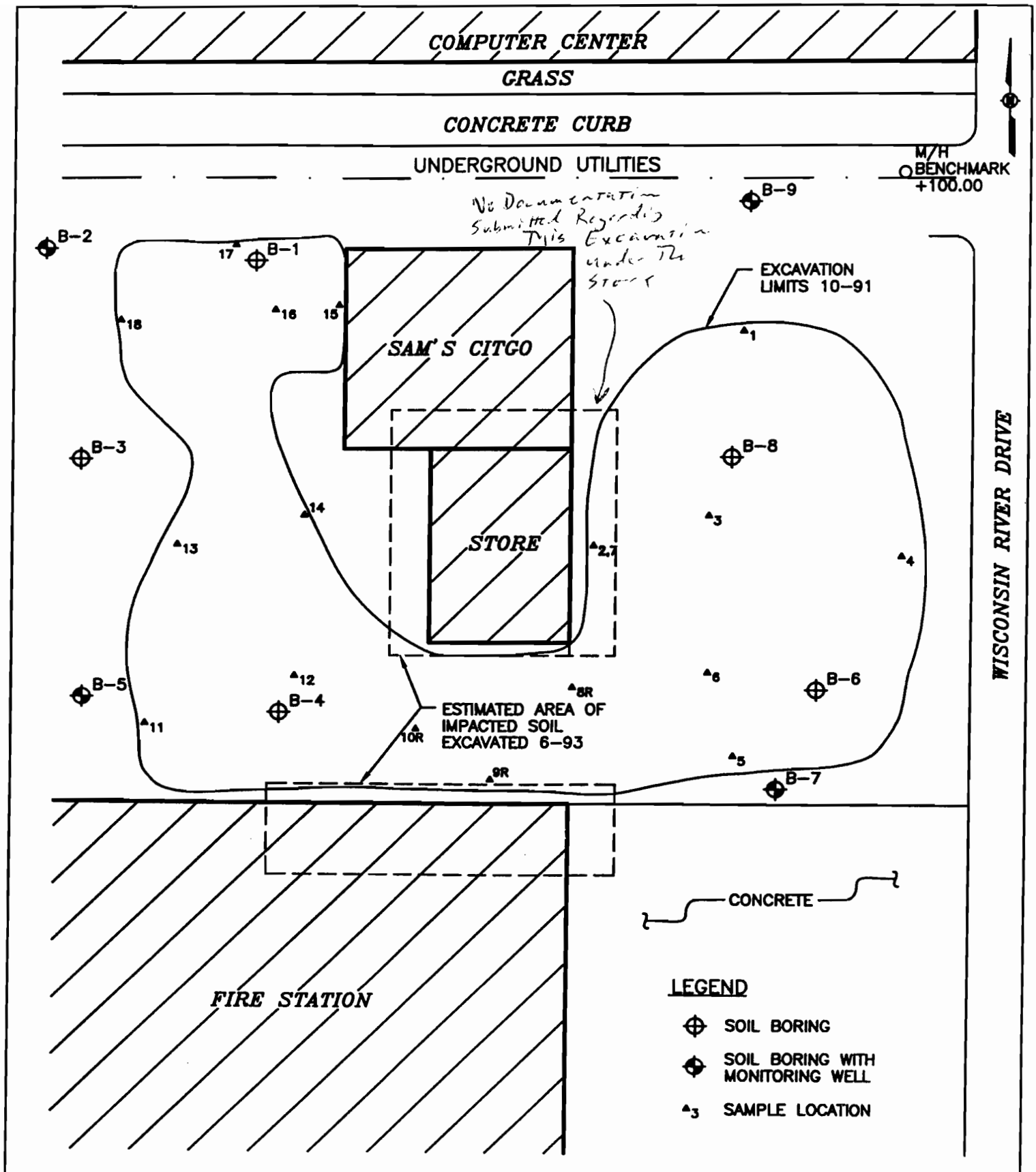
STS Consultants Ltd.
Consulting Engineers

PROJECT/CLIENT

PREVIOUS UNDERGROUND STORAGE TANK AND SOIL BORING LOCATION DIAGRAM
SAM'S CITGO - NEKOOSA PAPERS INC.
PORT EDWARDS, WISCONSIN

DRAWN BY	J.J.T.	8-14-90
CHECKED BY	R.J.A.	
APPROVED BY		
SCALE 1" = 20'	FIGURE NO 1	
STS DRAWING NO	17737XF	

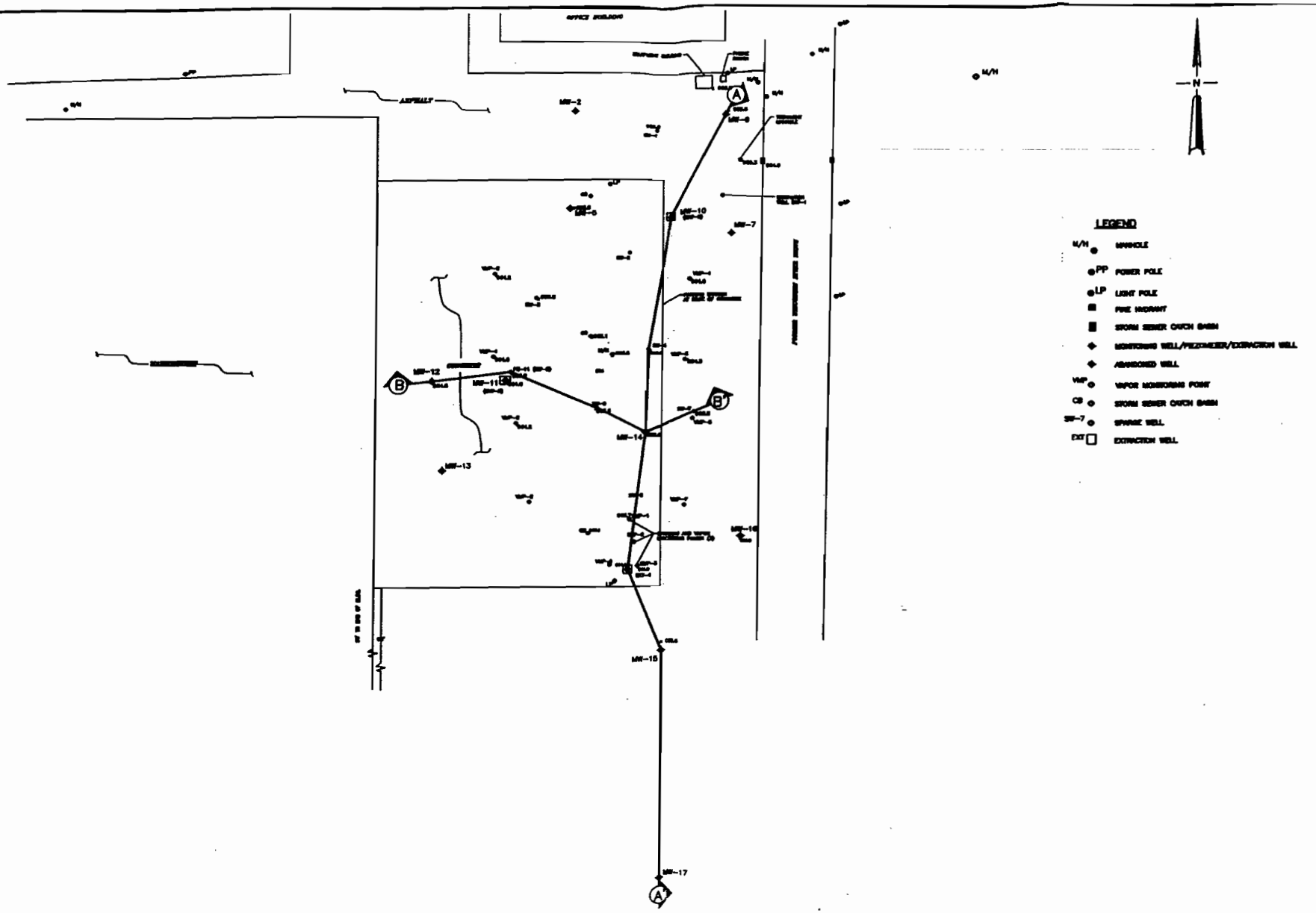

OFFICE BUILDING
EXISTING CONTROL PANEL AND BLOWER ENCLOSURE
LP
EXISTING DIA AIR ELECTRIC
M/H
M/H
EXISTING BUILDING TO BE RAZED BY OTHERS
B-2
x 964.9
C/O
x 965.6
B-9
EXISTING TREATMENT MANHOLE
FORMER SAM'S CITGO
EXISTING VAPOR EXTRACTION PIPE
APPROXIMATE LOCATION OF FUEL OIL TANK
C/O
EXISTING DISCHARGE
ASPHALT
EXISTING GROUNDWA TRANSFER PIPE
HA-1
INV EL 959.3
M/H
EXISTING GROUNDWA EXTRACTIOI WELL EXT-
INV EL 960.1
ILDING TO BE OTHERS
B-5
MW-10
EXISTING DIA MANH 2" DIA AI ELECTRICA
INV EL 960.4
C/O
INV EL 960.4
LP
x 960.0
B-7
TEMPORARY WELL (ABANDONED)
HA-2
PHONE BOOT
FORMER PORT EDWARDS FIREHOUSE
TEMPORARY WELL (ABANDONED)
HA-4
PP
UNPAVED AREA
B-17
B-18
WISCONSIN RIVER DRIVE
B-104
B-101
B-102
PZ-11
MW-11
x 965.0
APPROXIMATE LOCATION OF 2,000 GALLON ABANDONED FUEL OIL TANK
ASPHALT
B-105
B-103
B-106
MW-14
x 964.7
(BENCHMARK I NUT OF FIRE
B-107



STS Consultants Ltd.
Consulting Engineers

POST REMEDIAL SOIL SAMPLE LOCATION DIAGRAM
SAM'S CITGO–GEORGIA PACIFIC
PORT EDWARDS, WISCONSIN

DRAWN BY	D.J.M.	8-10-98
CHECKED BY		
APPROVED BY		
CADFILE G4737004.dwg	SCALE 1"=20'	
STS PROJECT NO. 17737WA	FIGURE NO.	



THE FORMER SAM'S CITGO SERVICE STATION
GEORGIA-PACIFIC CORPORATION
PORT EDWARDS, WISCONSIN

CROSS SECTION INDEX

DRAWN BY	RAB	DATE 6-15-98
CHECKED BY	SM	DATE 6-15-98
APPROVED BY		DATE

DRAWING FILE W:\DWG98\17737\WA\G4737701A.DWG

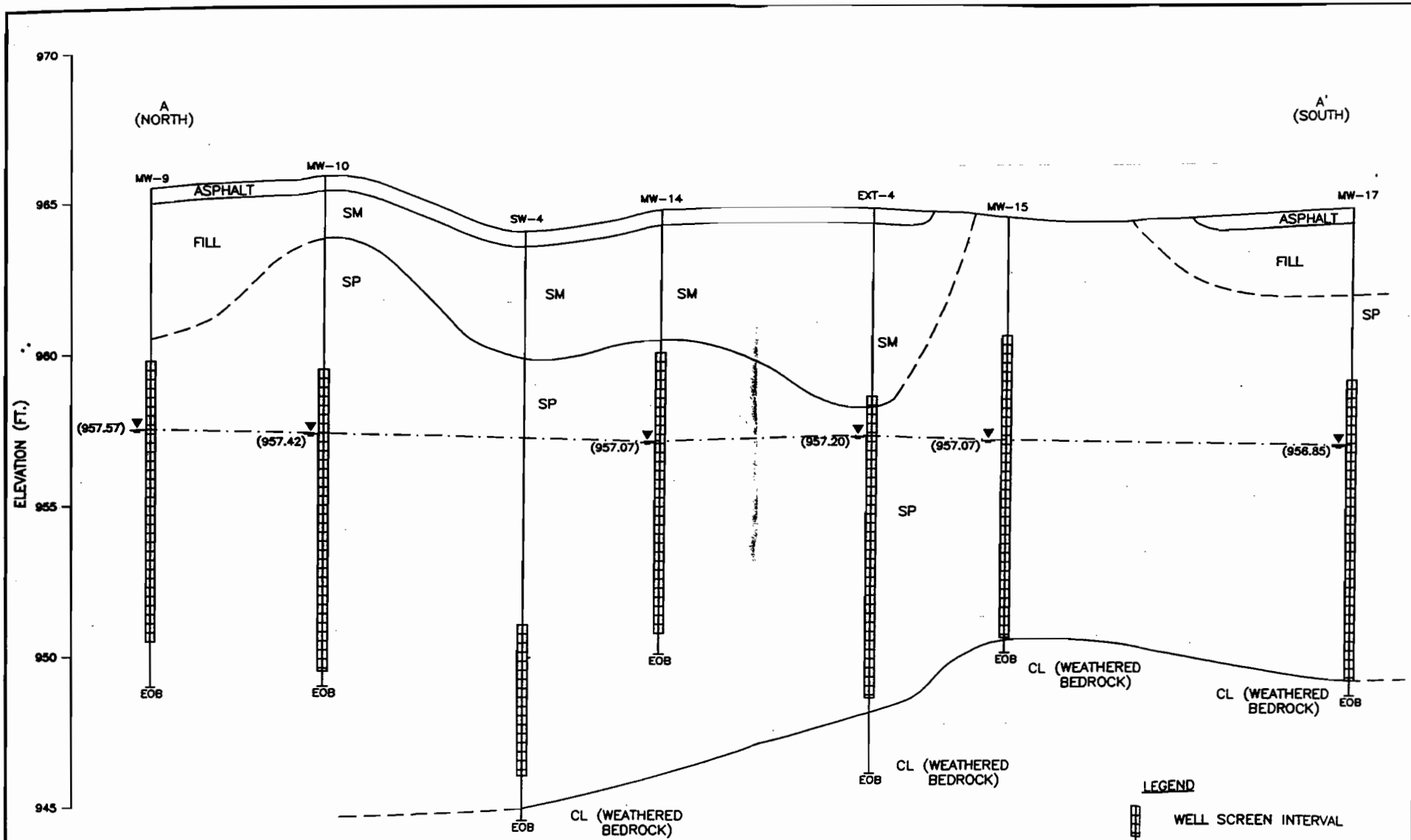
STS Consultants Ltd. Consulting Engineers

STS PROJECT NO. 17737WA

STS PROJECT FILE

SCALE 1" = 40'

FIGURE NO.



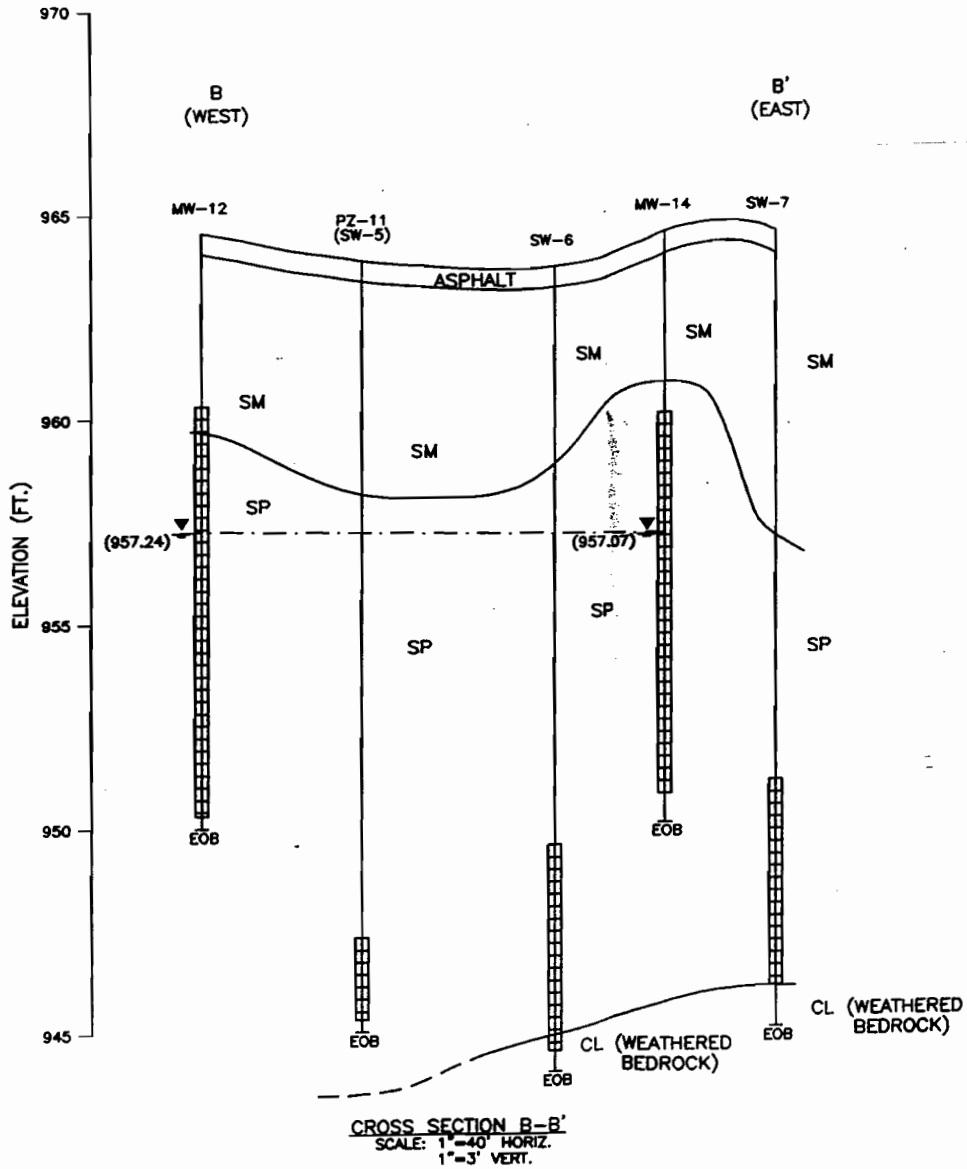
CROSS SECTION A-A'
SCALE: 1"=40' HORIZ.
1"=3' VERT.

DRAWN BY RAB DATE 6-15-98
CHECKED BY SM DATE 6-15-98
APPROVED BY DATE
CADFILE W:\DWG98\17737\WA\G4737028.DWG

THE FORMER SAM'S CITGO SERVICE STATION
GEORGIA-PACIFIC CORPORATION
PORT EDWARDS, WISCONSIN
CROSS SECTION A-A'

STS Consultants Ltd.
Consulting Engineers

STS PROJECT NO. 17737WA
STS PROJECT FILE
SCALE AS NOTED
FIGURE NO.



CROSS SECTION B-B'
SCALE: 1"=40' HORIZ.
1"=3' VERT.

LEGEND

WELL SCREEN INTERVAL

EOB END OF BORING

(956.85) WATER ELEVATION IN WELL ON (12-9-97)

DRAWN BY	RAB	DATE 6-15-98
CHECKED BY	SM	DATE 6-15-98
APPROVED BY		DATE
CADFILE	W:\DWG98\17737\WA\G473703C.DWG	

THE FORMER SAM'S CITGO SERVICE STATION
GEORGIA-PACIFIC CORPORATION
PORT EDWARDS, WISCONSIN

CROSS SECTION B-B'

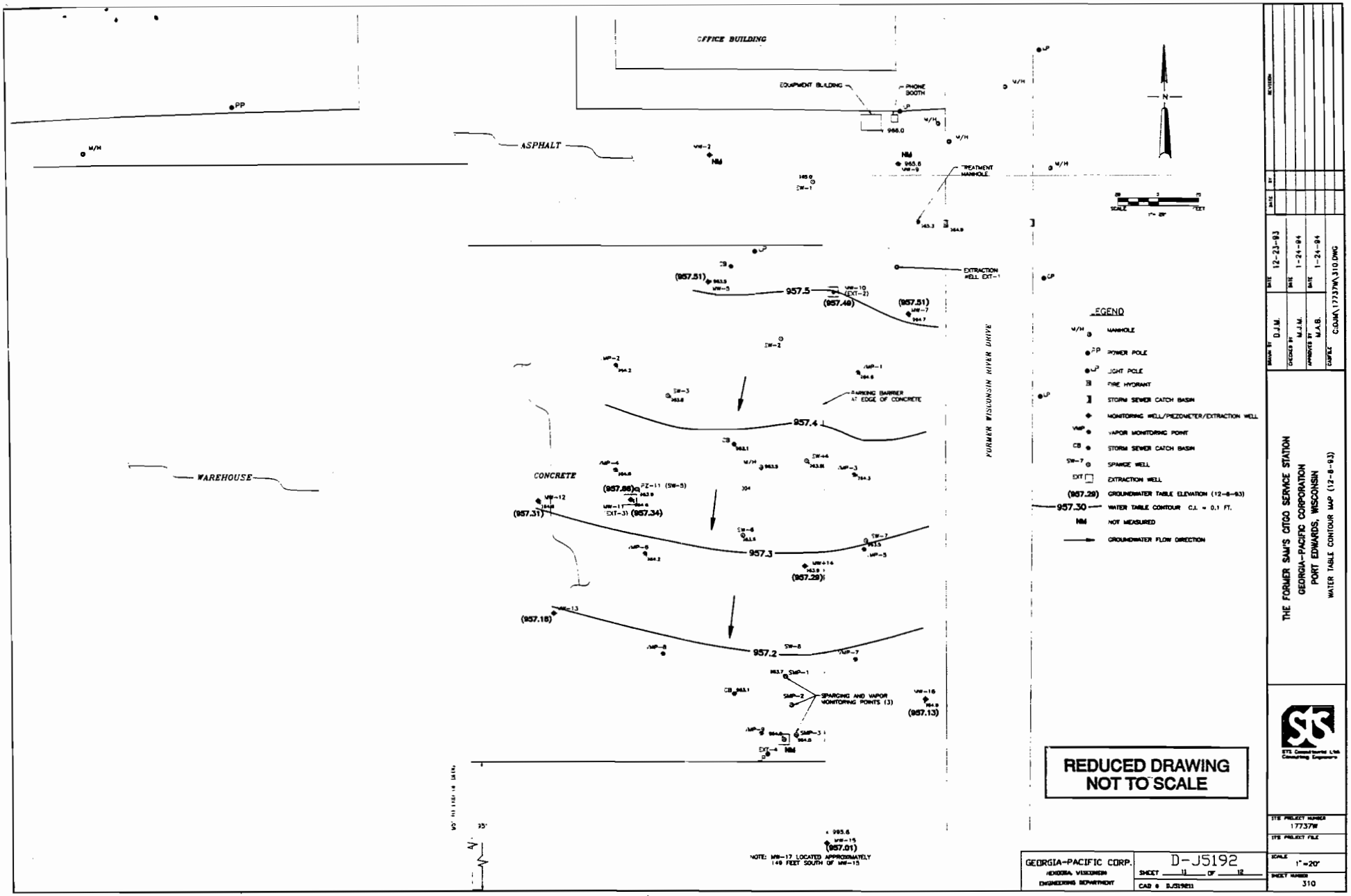
STS Consultants Ltd.
Consulting Engineers

STS PROJECT NO. 17737WA

STS PROJECT FILE

SCALE AS NOTED

FIGURE NO.



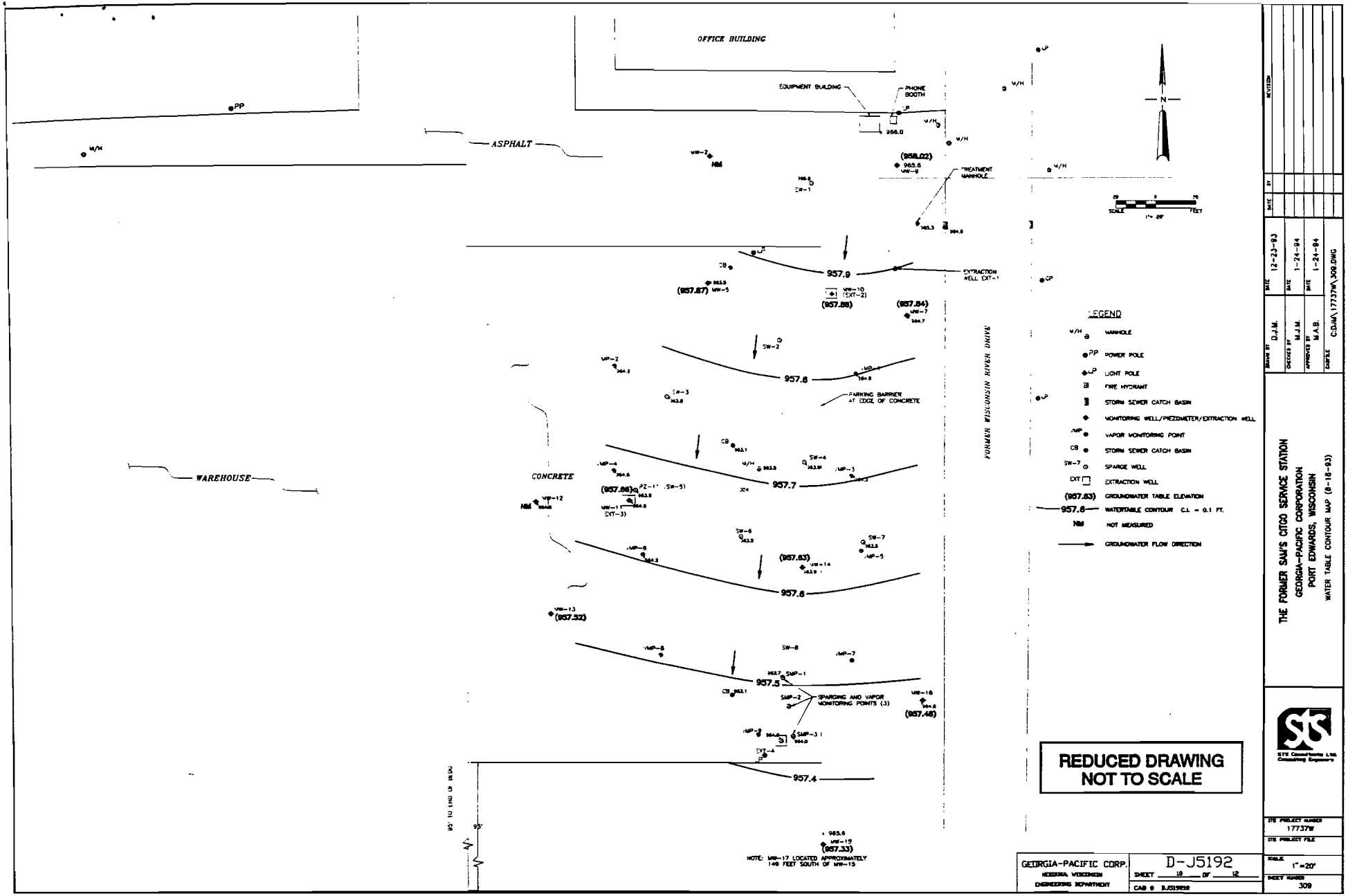
REDUCED DRAWING
NOT TO SCALE

THE FORMER SAM'S GTGO SERVICE STATION
GEORGIA-PACIFIC CORPORATION
PORT EDWARDS, WISCONSIN
WATER TABLE CONTOUR MAP (12-8-93)

DRAWN BY	D.J.M.	DATE 12-23-93
CHECKED BY	M.J.M.	DATE 1-24-94
APPROVED BY	M.A.B.	DATE 1-24-94
CADFILE	C:\DJM\17737W\310.DWG	

GEORGIA-PACIFIC CORP.	D-J5192
FORMERLY VISCONSIN ENGINEERING DEPARTMENT	SHEET 11 OF 12
	CAD # DJ519211

STS PROJECT NUMBER	17737W
STS PROJECT FILE	
SCALE	1"=20'
SHEET NUMBER	310


OFFICE BUILDING
EQUIPMENT BUILDING
PHONE BOOTH
ASPHALT
WAREHOUSE
CONCRETE
FORMER WISCONSIN RIVER DRIVE
TREATMENT MANHOLE
EXTRACTION WELL EXT-1
PARKING BARRIER AT EDGE OF CONCRETE
SPARGING AND VAPOR MONITORING POINTS (3)
957.9
957.8
957.7
957.6
957.5
957.4
(957.87)
(957.88)
(957.84)
(957.66)
(957.63)
(957.52)
(957.48)
(957.33)
NOTE: MW-17 LOCATED APPROXIMATELY 149 FEET SOUTH OF MW-15
LEGEND
MANHOLE
POWER POLE
LIGHT POLE
FIRE HYDRANT
STORM SEWER CATCH BASIN
MONITORING WELL/PIEZOMETER/EXTRACTION WELL
VAPOR MONITORING POINT
STORM SEWER CATCH BASIN
SPARGE WELL
EXTRACTION WELL
(957.63) GROUNDWATER TABLE ELEVATION
957.6 WATERTABLE CONTOUR C.I. = 0.1 FT.
NM NOT MEASURED
GROUNDWATER FLOW DIRECTION
REDUCED DRAWING
NOT TO SCALE
GEORGIA-PACIFIC CORP.
NEKOOSA, WISCONSIN
ENGINEERING DEPARTMENT
D-J5192
SHEET 10 OF 12
CAD # DJ5192R
THE FORMER SAM'S CITGO SERVICE STATION
GEORGIA-PACIFIC CORPORATION
PORT EDWARDS, WISCONSIN
WATER TABLE CONTOUR MAP (8-18-93)
DRAWN BY D.J.M. DATE 12-23-93
CHECKED BY M.J.M. DATE 1-24-94
APPROVED BY M.A.B. DATE 1-24-94
CADFILE C:DJM\17737W\309.DWG
STS PROJECT NUMBER 17737W
STS PROJECT FILE
SCALE 1"=20'
SHEET NUMBER 309

Post-Remedial Soil Analytical Data Summary
Sam's CITGO
Port Edwards, Wisconsin
STS Project No. 17737WA

Parameter	G.W. RCL	Industrial Direct Contact RCL	1	[2]	{3}	4
TPH Gasoline	100*		<6.2	54.6	<6.2	<6.2
TPH Diesel			<6.2	<6.2	23.4	<6.2
Lead		500	20.3	15.1	4.1	9.0
Cadmium		510	NA	NA	NA	NA
PVOC's (EPA 8021)						
Benzene	0.0055*		<0.0011	0.4	<0.3	<0.00082
Ethylbenzene	2.9*		<0.0055	<1.7	<1.7	<0.004
MTBE			<0.0011	<3.3	<3.3	<0.0082
1,2,4-Trimethylbenzene			<0.0055	3.2	<1.7	<0.004
1,3,5-Trimethylbenzene			<0.0055	<1.7	<1.7	<0.004
Xylenes	4.1*		<0.0011	3.1	<3.4	<0.008
Toluene	1.5*		<0.0028	18.0	13.2	<0.0021
PAH's	+	+				
Acenaphthene	38	60000	NA	NA	NA	NA
Acenaphthylene	0.7	360	NA	NA	NA	NA
Anthracene	3000	300000	NA	NA	NA	NA
Benzo(a)anthracene	17	3.9	NA	NA	NA	NA
Benzo(a)pyrene	48	0.39	NA	NA	NA	NA
Benzo(b)fluoranthene	360	3.9	NA	NA	NA	NA
Benzo(k)fluoranthene	870	39	NA	NA	NA	NA
Benzo(g,h,i)perylene	6800	39	NA	NA	NA	NA
Chrysene	37	390	NA	NA	NA	NA
Dibenzo(a,h)anthracene	38	0.39	NA	NA	NA	NA
Fluoranthene	500	40000	NA	NA	NA	NA
Fluorene	100	40000	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	680	3.9	NA	NA	NA	NA
1-Methyl Naphthalene	23	70000	NA	NA	NA	NA
2-Methyl Naphthalene	20	40000	NA	NA	NA	NA
Naphthalene	0.4	110	NA	NA	NA	NA
Phenanthrene	1.8	390	NA	NA	NA	NA
Pyrene	8700	30000	NA	NA	NA	NA
		HNU Reading	<1	120	70	4-11
All units in milligrams per killogram (mg/kg)		Depth	5-5.5	4.0	9.5	7.0

Source: NR 720= *
Source:DNR Interim PAH Guide= +
Groundwater RCL Exceedance=
Direct Contact RCL Exceedance=

Samples collected in the saturated zone, soil cleanup standards do not apply= {3}

Material removed during 6-93 excavation= [2]

Post-Remedial Soil Analytical Data Summary
Sam's CITGO
Port Edwards, Wisconsin
STS Project No. 17737WA

Parameter	G.W. RCL	Industrial Direct Contact RCL	5	{6}	[7]	{8R}	[9R]
TPH Gasoline	100*		<6.2	<6.2	35.1	1,060	9.24
TPH Diesel			<6.2	<6.2	<6.2	<5.9	<5.9
Lead		500	5.7	2.8	8.7	25.4	14.7
Cadmium		510	NA	NA	NA	NA	NA
PVOC's (EPA 8021)							
Benzene	0.0055*		<0.00082	0.1	0.01	17.9	0.1
Ethylbenzene	2.9*		<0.004	<0.1	0.05	24.3	0.2
MTBE			<0.0082	<0.3	<0.0011	<28.0	<0.3
1,2,4-Trimethylbenzene			<0.004	<0.1	2.1	62.0	0.7
1,3,5-Trimethylbenzene			<0.004	<0.1	0.1	14.6	0.1
Xylenes	4.1*		<0.008	<0.2	1.6	140	1.3
Toluene	1.5*		<0.0021	8.6	0.06	105	0.7
PAH's	+	+					
Acenaphthene	38	60000	NA	NA	NA	NA	NA
Acenaphthylene	0.7	360	NA	NA	NA	NA	NA
Anthracene	3000	300000	NA	NA	NA	NA	NA
Benzo(a)anthracene	17	3.9	NA	NA	NA	NA	NA
Benzo(a)pyrene	48	0.39	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	360	3.9	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	870	39	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	6800	39	NA	NA	NA	NA	NA
Chrysene	37	390	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	38	0.39	NA	NA	NA	NA	NA
Fluoranthene	500	40000	NA	NA	NA	NA	NA
Fluorene	100	40000	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	680	3.9	NA	NA	NA	NA	NA
1-Methyl Naphthalene	23	70000	NA	NA	NA	NA	NA
2-Methyl Naphthalene	20	40000	NA	NA	NA	NA	NA
Naphthalene	0.4	110	NA	NA	NA	NA	NA
Phenanthrene	1.8	390	NA	NA	NA	NA	NA
Pyrene	8700	30000	NA	NA	NA	NA	NA
		HNU Reading	1	22	120	85	300
All units in milligrams per killogram (mg/kg)		Depth	7.0	9.5	4.0	9.0	5.5

Source: NR 720= *

Source:DNR Interim PAH Guide= +

Groundwater RCL Exceedance=

Direct Contact RCL Exceedance=

Samples collected in the saturated zone, soil cleanup standards do not apply= {3}

Material removed during 6-93 excavation= [2]

Post-Remedial Soil Analytical Data Summary
Sam's CITGO
Port Edwards, Wisconsin
STS Project No. 17737WA

Parameter	G.W. RCL	Industrial Direct Contact RCL	{10R}	11	12	13	14
TPH Gasoline	100*		11,100	<5.9	<5.9	<5.9	<5.9
TPH Diesel			<5.9	<5.9	<5.9	<5.9	<5.9
Lead		500	6.96	35.4	1.95	NA	11.8
Cadmium		510	NA	NA	NA	NA	NA
PVOC's (EPA 8021)							
Benzene	0.0055*		81.2	0.0008	<0.0004	<0.0004	<0.000
Ethylbenzene	2.9*		194	<0.0029	<0.002	<0.002	<0.002
MTBE			<28.0	<0.0058	<0.0039	<0.0039	<0.005
1,2,4-Trimethylbenzene			528	<0.0029	<0.002	<0.002	<0.002
1,3,5-Trimethylbenzene			133	<0.0029	<0.002	<0.002	<0.002
Xylenes	4.1*		1166	<0.0058	<0.004	<0.004	<0.0058
Toluene	1.5*		472	<0.0015	<0.001	<0.001	<0.0015
PAH's	+	+					
Acenaphthene	38	60000	NA	NA	NA	NA	NA
Acenaphthylene	0.7	360	NA	NA	NA	NA	NA
Anthracene	3000	300000	NA	NA	NA	NA	NA
Benzo(a)anthracene	17	3.9	NA	NA	NA	NA	NA
Benzo(a)pyrene	48	0.39	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	360	3.9	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	870	39	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	6800	39	NA	NA	NA	NA	NA
Chrysene	37	390	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	38	0.39	NA	NA	NA	NA	NA
Fluoranthene	500	40000	NA	NA	NA	NA	NA
Fluorene	100	40000	NA	NA	NA	NA	NA
ndeno(1,2,3-cd)pyrene	680	3.9	NA	NA	NA	NA	NA
1-Methyl Naphthalene	23	70000	NA	NA	NA	NA	NA
2-Methyl Naphthalene	20	40000	NA	NA	NA	NA	NA
Naphthalene	0.4	110	NA	NA	NA	NA	NA
Phenanthrene	1.8	390	NA	NA	NA	NA	NA
Pyrene	8700	30000	NA	NA	NA	NA	NA
		HNU Reading	55	3	6	<1	<1
All units in milligrams per killogram (mg/kg)		Depth	9.0	7.0	9.5	7.0	6.0

Source: NR 720= *

Source:DNR Interim PAH Guide= +

Groundwater RCL Exceedance=

Direct Contact RCL Exceedance=

Samples collected in the saturated zone, soil cleanup standards do not apply= {3}

Material removed during 6-93 excavation= [2]

Post-Remedial Soil Analytical Data Summary
Sam's CITGO
Port Edwards, Wisconsin
STS Project No. 17737WA

Parameter	G.W. RCL	Industrial Direct Contact RCL	15	{16}	17	18
TPH Gasoline	100*		NA	NA	NA	NA
TPH Diesel			NA	NA	NA	NA
Lead		500	162	52.3	193	493
Cadmium		510	NA	NA	0.378	NA
PVOC's (EPA 8021)						
Benzene	0.0055*		<0.001	<0.06	<0.0008	<2.5
Ethylbenzene	2.9*		<0.0019	<0.13	<0.0016	<4.9
MTBE			NA	NA	NA	NA
1,2,4-Trimethylbenzene			NA	NA	NA	NA
1,3,5-Trimethylbenzene			NA	NA	NA	NA
Xylenes	4.1*		0.007	2.52	0.005	<9.8
Toluene	1.5*		0.004	0.29	<0.8	0.005
PAH's	+	+				
Acenaphthene	38	60000	<0.0037	<0.005	<0.0037	0.122
Acenaphthylene	0.7	360	<0.015	<0.021	<0.015	<0.013
Anthracene	3000	300000	<0.0008	<0.001	0.013	0.087
Benzo(a)anthracene	17	3.9	0.065	<0.001	0.063	<0.0007
Benzo(a)pyrene	48	0.39	0.032	0.013	0.072	0.031
Benzo(b)fluoranthene	360	3.9	0.041	0.0292	0.034	0.030
Benzo(k)fluoranthene	870	39	0.017	0.009	0.035	0.111
Benzo(g,h,i)perylene	6800	39	0.025	<0.005	0.014	0.013
Chrysene	37	390	0.039	<0.001	0.044	<0.0007
Dibenzo(a,h)anthracene	38	0.39	0.041	<0.005	0.009	0.019
Fluoranthene	500	40000	0.073	0.154	0.140	0.142
Fluorene	100	40000	<0.0008	0.302	<0.0008	0.196
Indeno(1,2,3-cd)pyrene	680	3.9	0.034	<0.005	0.025	0.012
1-Methyl Naphthalene	23	70000	NA	NA	NA	NA
2-Methyl Naphthalene	20	40000	NA	NA	NA	NA
Naphthalene	0.4	110	<3.7	0.455	0.219	0.189
Phenanthrene	1.8	390	0.041	0.169	0.068	0.291
Pyrene	8700	30000	0.094	<0.005	0.140	<0.0033
		HNU Reading	55	6	<1	<1
All units in milligrams per kilogram (mg/kg)		Depth	4.0	8.0	4.0	4.0

Source: NR 720= *
Source:DNR Interim PAH Guide= +
Groundwater RCL Exceedance=
Direct Contact RCL Exceedance=

Samples collected in the saturated zone, soil cleanup standards do not apply= {3}

Material removed during 6-93 excavation= [2]

Table 3

Groundwater Analytical Data Summary
Former Sam's CITGO
Port Edwards, Wisconsin

		Benzene	Ethylbenzene	MTBE	1,2,4-TMB	1,3,5-TMB	Toluene	Xylene	NO_3	SO_4	Fe (Dis
(B-2) MW-2	08-08-90	x	x	NA	NA	NA	0.98	x			
(B-5) MW-5	08-08-90	x	x	NA	NA	NA	x	x			
	11-12-92	x	x	NA	NA	NA	x	x			
	02-24-93	x	x	NA	NA	NA	x	x			
	08-12-93	x	x	NA	NA	NA	x	x			
	12-08-93	x	x	NA	NA	NA	x	x			
	03-31-94	x	x	x	x	x	x	x			
	06-24-94	x	x	x	x	x	x	x			
	09-29-94	x	x	x	x	x	x	x			
	12-08-94	x	x	x	x	x	x	x			
	03-23-95	x	x	x	x	x	x	x			
	06-08-95	x	x	x	x	x	x	x			
	09-11-95	x	x	x	x	x	x	x			
	12-19-95	x	x	x	x	x	x	x			
	06-13-96	x	x	x	x	x	x	x			
	09-26-96	x	x	x	x	x	x	x			
	12-23-96	x	x	x	x	x	x	x			
	04-01-97	x	x	x	x	x	x	x			
	06-04-97	x	x	x	x	x	x	x			
	09-30-97	x	x	x	x	x	x	x			
	12-09-97	x	x	x	x	x	x	x			
(B-7) MW-7	08-08-90	6.48	20.8	NA	NA	NA	36.7	319			
	11-12-92	109	50	NA	NA	NA	344	490			
	02-24-93	x	x	NA	NA	NA	x	x			
	08-12-93	4.3	x	NA	NA	NA	x	x			
	12-08-93	x	x	NA	NA	NA	x	x			
	03-31-94	x	x	x	x	x	x	x			
	06-24-94	x	x	x	x	x	x	x			
	09-29-94	x	x	x	x	x	x	x			
	12-08-94	x	x	x	x	x	x	x			
	03-23-95	x	x	x	x	x	x	x			
	06-08-95	x	x	x	x	x	x	x			
	09-11-95	x	x	x	x	x	x	x			
	12-19-95	x	x	x	x	x	x	x			
	06-13-96	x	x	x	x	x	16.1	x			
	09-26-96	x	x	x	x	x	x	x			
	12-23-96	x	x	x	x	x	x	x			
	04-01-97	x	1.2	x	x	x	x	x			
	06-04-97	x	x	x	3.36	x	x	x			
	09-30-97	x	x	x	x	x	x	x			
	12-09-97	x	x	x	4.15	x	x	x			
(B-9) MW-9	08-08-90	x	x	NA	NA	NA	x	x			
	11-12-92	x	x	NA	NA	NA	x	x			
	02-24-93	x	2.3	NA	NA	NA	x	3.3			
	08-12-93	x	x	NA	NA	NA	x	x			
	03-23-95	x	x	x	x	x	x	x			
	06-08-95	x	x	x	x	x	x	x			
	09-11-95	x	x	x	x	x	x	x			
	12-19-95	x	x	x	x	x	x	x			
	06-13-96	x	x	x	x	x	x	x			
	09-26-96	x	x	x	x	x	x	x			
	12-23-96	x	x	x	x	x	x	x			
	04-01-97	x	x	x	x	x	x	x	x	18.1	5.08
	06-04-97	x	x	x	x	x	x	x	x	14.7	9.78
	09-30-97	x	x	x	x	x	x	x	x	18.6	8.22
	12-09-97	x	x	x	x	x	x	x	x	25.2	9.33

Table 3

Groundwater Analytical Data Summary
Former Sam's CITGO
Port Edwards, Wisconsin

		Benzene	Ethylbenzene	MTBE	1,2,4-TMB	1,3,5-TMB	Toluene	Xylene	NO_3	SO_4	Fe (Di
(EXT-2) MW-10	02-24-93	401	341	x	663	304	1,540	2,033			
	08-12-93	500	150	<130	290	81	520	620			
	12-08-93	340	280	x	110	370	980	860			
	03-31-94	80.3	67.9	x	49.7	9.3	299	216			
	06-24-94	81.5	x	x	x	x	x	x			
	12-08-94	86.2	92.5	x	100	25.1	188	349.7			
	03-23-95	185	58.9	x	32.5	11.3	540	184.2			
	06-08-95	312	190	x	276	71.1	567	896			
	09-11-95	202	141	x	243	62.1	501	639			
	12-19-95	216	281	x	299	70.7	867	1176			
	04-26-96	23.6	8.9	x	3.7	1.0	111	33.5			
	06-13-96	14.7	17.7	x	69.7	20.5	60.1	82.7			
	09-26-96	6.7	13.4	x	37.1	11.9	40.3	56.9			
	12-23-96	5.77	13.4	14.1	12.3	3.31	81.7	56.2			
	04-01-97	27.3	85.6	x	159	48.4	505	404.2	0.63	139	7.55
	06-04-97	9.77	76.4	x	146	34.7	256	337.7	0.66	35.7	1.68
	09-30-97	7.63	20.8	x	68.1	18.8	48.5	89.2	0.68	17.7	1.08
	12-09-97	3.17	11.4	x	29.4	7.84	34	46.55	0.89	21.2	5.47
(EXT-3) MW-11	02-24-93	115	330	x	844	406	1,840	1,824			
	08-12-93	35	370	<130	690	190	1,100	1,550			
	12-08-93	6	130	x	170	46	130	420			
	03-31-94	0.6	18.5	x	29.7	6.5	37.2	108			
	06-24-94	x	44.2	x	53.9	13.3	x	92.6			
	09-29-94	5.2	122	x	195	47.6	15.7	261.1			
	10-14-94	x	60.9	x	115	31.9	30	169.6			
	10-21-94	155	108	x	147	43.1	212	428			
	10-26-94	150	94.9	x	136	38.1	155	391.1			
	11-11-94	129	75.3	x	113	32.1	113	267.2			
	11-22-94	4.8	50.5	x	108	40.3	33.2	228.6			
	12-08-94	2.09	7.75	x	27.4	17.8	x	28.43			
	01-05-95	146	72.7	x	82.9	22.5	216	301.6			
	02-07-95	122	65.6	x	84.5	22.7	115	249.5			
	03-23-95	132	72	x	106	29.4	117	254.1			
	04-11-95	132	65.6	x	81.9	23.3	103	221.4			
	05-08-95	133	70	x	91.4	31.1	86.8	207.7			
	06-08-95	176	87.2	x	101	26.6	109	221.1			
	07-06-95	143	81.5	x	110	28.1	113	222.2			
	08-04-95	172	82.0	x	105	26.7	167	262.6			
	09-11-95	127	69.8	x	92.6	23.2	129	217.9			
	12-19-95	8.62	11.5	x	21.1	5.06	x	22.08			
	04-26-96	103	54.7	x	129	37.1	4.6	111.1			
	06-13-96	5	23.8	x	84.5	22	15.5	48.1			
	09-26-96	2.3	15.3	x	86.1	23.8	5.4	35.0			
	12-23-96	4.12	22.9	x	119	33.4	x	50.2			
	04-01-97	4.5	30.4	x	213	62.7	x	85.6	x	20.5	16.8
	06-04-97	3.7	38.5	x	271	75.4	x	103.1	x	39.9	19.1
	09-30-97	3.28	32.6	x	189	43.5	50.9	x	x	34.5	20.3
	12-09-97	6.39	38.5	x	154	36	x	50.3	x	41.4	28.5

Table 3

Groundwater Analytical Data Summary
Former Sam's CITGO
Port Edwards, Wisconsin

		Benzene	Ethylbenzene	MTBE	1,2,4-TMB	1,3,5-TMB	Toluene	Xylene	NO_3	SO_4	Fe (Dis
MW-12	02-24-93	x	x	x	x	x	x	x			
	08-12-93	x	x	x	x	x	x	x			
	12-08-93	x	x	x	x	x	x	x			
	04-21-94	x	x	x	x	x	x	x			
	06-24-94	x	x	x	x	x	x	x			
	09-29-94	x	x	x	x	x	x	x			
	12-08-94	x	x	x	x	x	x	x			
	03-23-95	x	x	x	x	x	x	x			
	06-08-95	x	x	x	x	x	x	x			
	09-11-95	x	x	x	x	x	x	x			
	12-19-95	x	x	x	x	x	x	x			
	06-13-96	x	x	x	x	x	x	x			
	09-26-96	x	x	x	x	x	x	x			
	12-23-96	x	x	x	x	x	x	x			
	04-01-97	x	x	x	x	x	x	x			
	06-04-97	x	x	x	x	x	x	x			
	09-30-97	x	x	x	x	x	x	x			
	12-09-97	x	x	x	x	x	x	x			
MW-13	02-24-93	x	x	x	x	x	3.1	x			
	08-12-93	x	x	x	2	x	3.3	2.8			
	12-08-93	x	x	x	x	x	x	x			
	03-31-94	x	x	3.6	x	x	x	5.9			
	06-24-94	0.7	15.8	x	1.2	x	x	4.1			
	09-29-94	x	x	x	x	x	x	x			
	12-08-94	x	x	x	x	x	x	x			
	03-23-95	x	x	x	x	x	x	x			
	06-08-95	x	x	x	x	x	x	x			
	09-11-95	x	x	x	x	x	x	x			
	12-19-95	x	x	x	x	x	x	x			
	06-13-96	2.3	4.6	11.9	2.9	x	4.4	4.9			
	09-26-96	1.4	x	x	x	x	x	x			
	12-23-96	x	x	x	x	x	x	x			
	04-01-97	x	x	x	x	x	x	x			
	06-04-97	x	3.45	x	1.1	1.51	x	x			
	09-30-97	x	x	x	x	x	x	x			
	12-09-97	x	x	x	1.89	x	x	x			
MW-14	02-24-93	1,080	53.7	x	39.8	x	33.3	139			
	03-11-93	1,470	74.9	x	50	x	52	179			
	08-12-93	1,000	91	x	66	6.8	x	162			
	12-08-93	x	x	x	x	x	x	x			
	04-21-94	116	1.5	x	x	x	x	1			
	06-24-94	169	91.6	x	79.3	21.2	178	285.7			
	09-29-94	x	x	x	x	x	x	x			
	12-08-94	x	x	x	x	x	x	x			
	03-23-95	x	x	x	x	x	x	x			
	06-08-95	x	x	x	x	x	x	x			
	09-11-95	x	x	x	x	x	x	x			
	12-19-95	x	x	x	x	x	x	x			
	06-13-96	134	36.3	2.3	4.8	x	9.2	13.4			
	09-26-96	3.94	1.31	x	x	x	9.17	x			
	12-23-96	x	x	x	x	x	x	x			
	04-01-97	35.4	3.3	x	1.8	x	2.3	2.5			
	06-04-97	213	7.83	3.42	1.94	x	1.92	x			
	09-30-97	1.3	1.23	x	x	x	1.1	x			
	12-09-97	78.8	1.69	x	1.57	x	x	x			

Table 3

Groundwater Analytical Data Summary
Former Sam's CITGO
Port Edwards, Wisconsin

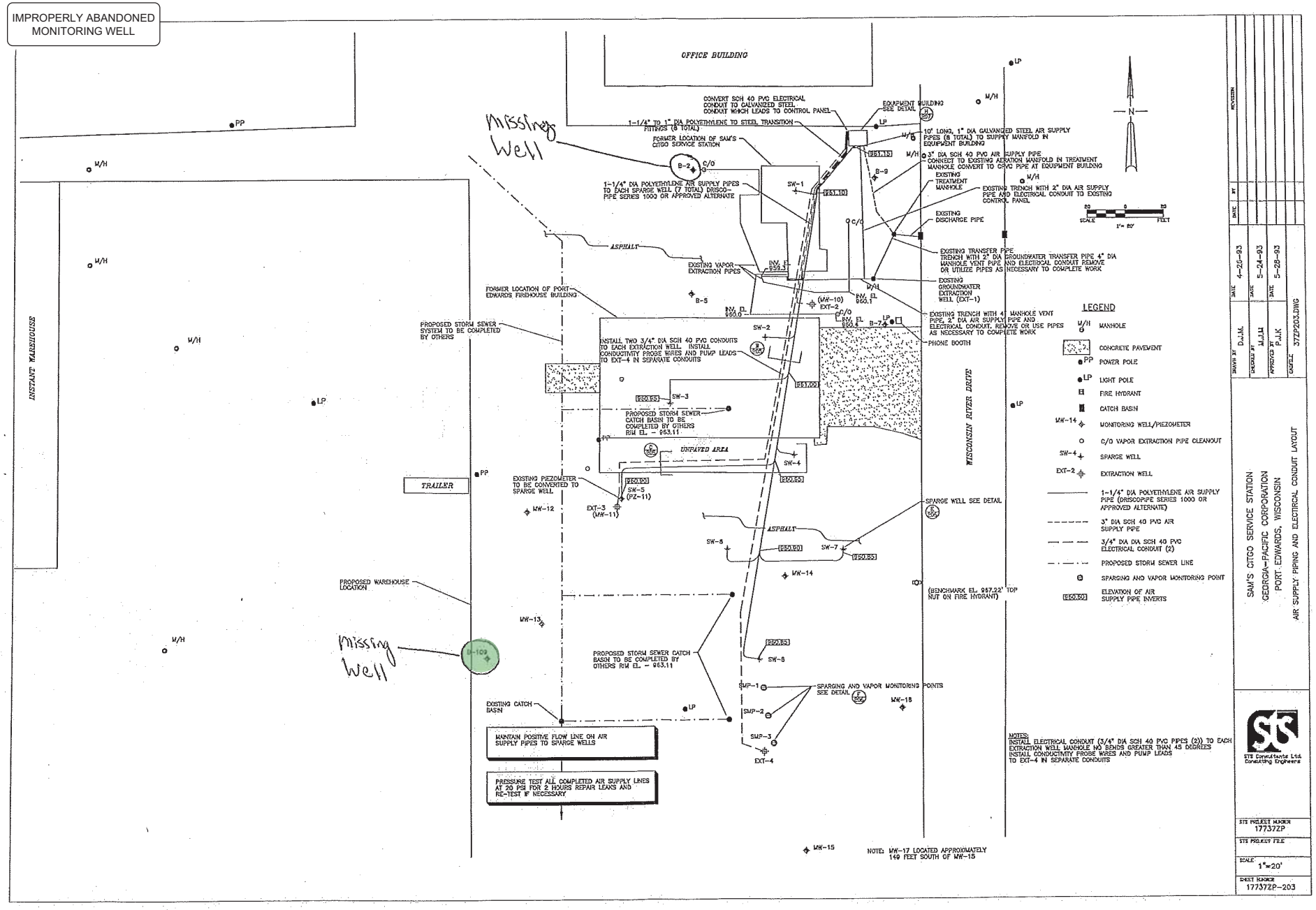
		Benzene	Ethylbenzene	MTBE	1,2,4-TMB	1,3,5-TMB	Toluene	Xylene	NO_3	SO_4	Fe (Dis
MW-15	04-01-93	1.9	x	x	x	x	x	x			
	08-12-93	x	x	x	x	x	x	x			
	12-08-93	x	x	x	x	x	x	x			
	03-31-94	x	x	x	x	x	x	x			
	06-24-94	x	x	x	x	x	x	x			
	09-29-94	x	x	x	x	x	x	x			
	12-08-94	x	x	x	x	x	x	x			
	03-23-95	x	x	x	x	x	x	x			
	06-08-95	x	x	x	x	x	x	x			
	09-11-95	x	x	x	x	x	x	x			
	12-19-95	x	x	x	x	x	x	x			
	06-13-96	x	x	x	x	x	x	x			
	09-26-96	x	x	x	x	x	x	x			
	12-23-96	x	x	x	x	x	x	x			
	04-01-97	x	x	x	x	x	x	x	1.18	28.5	39.8
	06-04-97	x	x	x	x	x	x	x	x	36.3	32.7
	09-30-97	x	x	x	x	x	x	x	x	28.4	22.4
	12-09-97	x	x	x	x	x	x	x	x	19.3	23.2
MW-16	04-01-93	x	x	x	x	x	x	x			
	08-12-93	130	7.3	x	x	x	x	3.3			
	12-08-93	x	x	x	x	x	x	x			
	03-31-94	x	x	x	x	x	x	x			
	06-24-94	x	x	x	x	x	x	x			
	09-29-94	x	x	x	x	x	x	x			
	12-08-94	x	x	x	x	x	x	x			
	03-23-95	x	x	x	x	x	x	x			
	06-08-95	x	x	x	x	x	x	x			
	09-11-95	x	x	x	x	x	x	x			
	12-19-95	x	x	x	x	x	x	x			
	06-13-96	x	x	x	x	x	x	x			
	09-26-96	x	x	x	x	x	x	x			
	12-23-96	x	x	x	x	x	x	x			
	04-01-97	x	x	x	x	x	x	x			
	06-04-97	x	x	x	x	x	x	x			
	09-30-97	x	x	x	x	x	x	x			
	12-09-97	x	x	x	x	x	x	x			
MW-17	08-12-93	x	x	x	x	x	x	x			
	12-08-93										
	06-13-96	x	x	x	x	x	x	x			
	09-26-96	x	x	x	x	x	x	x			
	12-23-96	x	x	x	x	x	x	x			
	04-01-97	x	x	x	x	x	x	x			
	06-04-97	x	x	x	x	x	x	x			
	09-30-97	x	x	x	x	x	x	x			
	12-09-97	x	x	x	x	x	x	x			
EXT-1	03-08-93	72	52.5	NA	NA	NA	10.2	241.6			
	03-18-93	9.4	49.6	NA	NA	NA	19.2	263			
	03-25-93	9.8	55.9	NA	NA	NA	39	282.8			
	04-01-93	14.5	34.8	NA	NA	NA	60.8	215			
	04-29-93	19.7	40.6	NA	NA	NA	65.1	264.6			
	05-13-93	57	40.8	NA	NA	NA	115	237.2			
	05-27-93	71.2	34.1	NA	NA	NA	107	149			
	06-11-93	94.4	65.2	NA	NA	NA	148	249.2			
	06-23-93	98.1	48.9	NA	NA	NA	116	258.2			

Table 3

Groundwater Analytical Data Summary
Former Sam's CITGO
Port Edwards, Wisconsin

		Benzene	Ethylbenzene	MTBE	1,2,4-TMB	1,3,5-TMB	Toluene	Xylene	NO_3	SO_4	Fe (Dis
EXT-4	07-14-93	74.4	4.3	NA	NA	NA	1.1	2.5			
	07-23-93	325	37.5	NA	NA	NA	74	49.4			
	07-28-93	352	40.3	NA	NA	NA	99.8	66.5			
	08-04-93	461	72.2	NA	NA	NA	22.6	47.5			
	08-25-93	197	x	NA	NA	NA	x	x			
	09-10-93	11.9	x	NA	NA	NA	x	x			
	09-21-93	18.5	x	NA	NA	NA	x	x			
	10-06-93	2.2	x	NA	NA	NA	x	x			
	10-22-93	0.8	x	NA	NA	NA	x	x			
	11-03-93	6.2	x	NA	NA	NA	x	x			
	11-18-93	2.1	x	NA	NA	NA	x	x			
	11-30-93	2.1	x	NA	NA	NA	x	x			
	12-14-93	3.9	x	NA	NA	NA	x	x			
	01-12-94	3.7	x	NA	NA	NA	x	x			
	06-28-94	x	x	NA	NA	NA	x	x			
	07-20-94	39.1	6.4	NA	NA	NA	x	4.9			
	08-16-94	47	7.5	x	2.2	x	x	5.2			
	09-16-94	24.8	4.3	x	x	x	x	x			
	10-14-94	8.68	1.95	x	x	x	x	x			
	11-11-94	2.6	x	x	x	x	x	x			
	11-22-94	1.9	x	x	x	x	x	x			
	12-08-94	4.14	x	x	x	x	x	x			
	03-23-95	x	x	x	x	x	x	x			
	06-23-95	x	x	x	x	x	x	x			
	09-11-95	x	x	x	x	x	x	x			
	12-19-95	x	x	x	x	x	x	x			
	06-13-96	x	x	x	x	x	x	x			
	09-26-96	x	x	x	x	x	x	x			
	12-23-96	x	x	x	x	x	x	x			
	04-01-97	x	x	x	x	x	x	x			
	06-04-97	0.818	x	x	x	x	x	x			
	09-30-97	x	x	x	x	x	x	x			
	12-09-97	x	x	x	x	x	x	x			
SW-2	05-05-98	x	x	x	x	x	x	x			
PZ-11 (SW-5)	05-05-98	x	x	x	x	x	x	x			
	ES	5	700	60	--	--	343	620			
	PAL	0.5	140	12	--	--	68.6	124			

NOTES: All concentrations given in micrograms per liter (ug/l) unless otherwise noted
PAL = NR 140 Preventive Action Limit
ES = NR 140 Enforcement Standard
-- = NR 140 Standard Not Established
x = Analyzed But Not Detected
NA = Not Analyzed
= Exceeds NR 140 ES
= Exceeds NR 140 PAL

POST CLOSURE

IMPROPERLY ABANDONED MONITORING WELL