GIS REGISTRY
Cover Sheet

May, 2009
(RR 5367)

Source Property Information

CLOSURE DATE: Jan 26, 1999

BRRTS #: **03-45-000689**

FID #:

ACTIVITY NAME: OUTAGAMIE CNTY AIRPORT

DATCP #:

PROPERTY ADDRESS: 201 CHALLENGER DR

COMM #: 54915912003

MUNICIPALITY: GRAND CHUTE

PARCEL ID #: 110090900 (10/29/2009)

***WTM COORDINATES:**

X: **638799** Y: **421759**

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

WTM COORDINATES REPRESENT:

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

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

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

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

- [x] Soil Contamination > *RCL or **SSRCL *(232)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

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

Land Use Controls:

- [x] 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)*
- [ ] Cover or Barrier *(222)*

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

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

Monitoring Wells:

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

(●) Yes ( ) No ( ) N/A

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

GIS Registry Checklist

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 #: 03-45-000689 PARCEL ID #: 110090900 (10/29/2009)

ACTIVITY NAME: OUTAGAMIE CNTY AIRPORT WTM COORDINATES: X: 638799 Y: 421759

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

- [x] **Closure Letter** Groundwater Use Restriction Only - No Final Closure Letter
- [ ] **Maintenance Plan** (*if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.*)
- [x] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** for VPLE sites

SOURCE LEGAL DOCUMENTS

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

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

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

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

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

  Figure #: 1 **Title: Site Location Map**
- [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 #: 2 **Title: Site Detail Map**
- [x] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, <u>this map is to show the location of all contaminated soil and a single contour</u> 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 #: 3 **Title: TPH Concentrations In The Smear Zone Soil**

BRRTS #: 03-45-000689 ACTIVITY NAME: OUTAGAMIE CNTY AIRPORT

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 #: 4 **Title: Geologic Cross-Section A-A'**

Figure #: **Title:**

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

Figure #: 5 and 9 **Title: "Benzene Concentrations In The Groundwater" and "Proposed Area For Deed Restriction"**

☒ **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 #: 6 **Title: Historical Groundwater Elevation Contour Map**

Figure #: **Title:**

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

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

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

Table #: 2 **Title: Summary of Laboratory Analysis - Soil Samples**

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

Table #: 3 **Title: Summary of Laboratory Analysis - Groundwater - Historical**

☒ **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 #: 6 **Title: Historical Groundwater Elevations**

IMPROPERLY ABANDONED MONITORING WELLS

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

☒ **Not Applicable**

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

Figure #: **Title:**

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

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

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

BRRTS #: 03-45-000689 ACTIVITY NAME: OUTAGAMIE CNTY AIRPORT

NOTIFICATIONS

Source Property

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

Off-Source Property

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

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

  Number of "Off-Source" Letters:

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

  Number of "Governmental Unit/Right-Of-Way Owner" Letters:

Document Number

1302569

GROUNDWATER USE RESTRICTION

In Re:

The East One-Half (1/2) of the South West Quarter (1/4) of Section Twenty-Five (25), TOWNSHIP Twenty-One (21) North, Range Sixteen (16) East.

And:

The South Sixty (60) acres of the West Half of the South West Quarter of Section Twenty-five (25), Township Twenty-One (21), North of Range Sixteen (16) East.

OUTAGAMIE COUNTY
RECEIVED FOR RECORD

DEC - 3 1998

AT 8:30 O'CLOCK A.M. ~~P.M.~~
GRACE HERB
REGISTER OF DEEDS

Mr. Bill Jordan
Air Wisconsin
W6390 Challenger Dr., Suite 203
Appleton, WI 54915

pd 14.00

Name and Return Address

Declaration of Restrictions

STATE OF WISCONSIN)
) SS
COUNTY OF Outagamie)

Parcel Identification Number (PIN)

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

WHEREAS, one or more Petroleum related discharges have occurred at this property. Benzene and Naphthalene contaminated groundwater above ch. NR 140, Wis. Adm. Code enforcement standards exists on this property at the following location(s): Benzene at 3.8ppb and Naphthalene at 63ppb at MW-5 and soil contamination exists at the following locations: Within the 100ppm TPH Contour Line as shown in Figure 1 which is attached and made part of this restriction.

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

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

WHEREAS, construction of wells where the water quality exceeds the drinking water standards in ch. 809, Wis. Adm. Code is restricted by ch. NR 811, Wis. Adm. Code and ch. NR 812, Wis. Adm. Code. 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 prohibitions or requirements are applicable and to obtain Department approval, 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.

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, with a copy of the Department's written determination can be recorded to give notice that this groundwater use restriction or portions of this groundwater use restriction are no longer binding.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 2ND day of December, 19 98.

By signing this document, Don Brittnacher acknowledges that [he/~~she~~] is duly authorized to sign this document on behalf of Outagamie County.

Signature: Don Brittnacher

Printed Name: Don Brittnacher

Title: Engineer

Subscribed and sworn to before me

this 2ND day of December, 19 98.

Mary H. Birch

Notary Public, State of Wisconsin

My commission expires Sept 22, 2002

This document was drafted by the Wisconsin Department of Natural Resources

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
William R. Selbig, Regional Director

Oshkosh Service Center
905 Bay Shore Drive
P.O. Box 2565
Oshkosh, Wisconsin 54903
Telephone 920-424-3050
FAX 920-424-4404

November 3, 1998

Mr. Bill Jordan
Air Wisconsin
W6390 Challenger Dr., Suite 203
Appleton, WI 54915

COPY

SUBJECT: Conditional Closure of Air Wisconsin DNR
BRRTS ID# 03-45-000689

Dear Mr. Jordan:

The above referenced case file has been reviewed by the WDNR's Northeast Region Case Closure Committee. This panel reviews environmental remediation cases for compliance with state laws, standards, and guidelines to maintain consistency in the closeout of cases. After careful review, the Committee has decided to grant a ***conditional*** case closure. At this time, it appears that actions have been taken to the extent practicable to restore the environment and minimize the harmful effects from this discharge to the air, lands and waters of the state.

First Condition: Deed Restriction

The WDNR is requiring no further remedial action at this time; however, ***You must file the attached "Declaration of Restriction" with your county Register of Deeds office within 30 days and send proof of this filing to the Department within 60 days of the date of this letter***. The attached restriction also includes maps which must be filed with the text. (The restriction is a Department standard format and has been drafted with oversight from Department attorneys . Please contact me if you have any questions or concerns regarding the restriction as written.)

Please note that case closure is dependent upon the filing of this deed restriction. *If the restriction is not filed with the County Register of Deeds, the case remains active and continued sampling of the monitoring wells at the site will be required.* A workplan of the sampling schedule and maintenance of the monitoring wells will be required within 90 days of the date of this letter if verification of the restriction filing is not received as indicated above.

Second Condition: Monitoring Well Abandonment

After filing the restriction with the county, all monitoring wells, sumps, and/or boreholes must be abandoned according to Chapter NR 141, Wisconsin Administrative Code. The abandonment forms (#3300-5B) should be sent to my attention.

Until verification of **both** the restriction and abandonment documentation is received, the DNR will continue to track this facility as an active BRR site.

Please be aware that this letter does not absolve the current, or any future owner of this property, from future decisions regarding this site or impacts which may be discovered and/or traced to past or future activities at this site. If additional information in the future indicates that further investigation and/or remediation is warranted, the Department will require that appropriate action be taken at that time.

The Department appreciates your efforts to protect and restore the environment at this site. If you have any questions regarding this letter, please contact me at (920) 424-7890.

Sincerely,

Kevin D. McKnight
WDNR, Hydrogeologist
mcknik@dnr.state.wi.us

cc: file
Don Brittnacher, OMNI Associates, One Systems Drive, Appleton WI 54914

No. 5-A. Warranty Deed—Short Form (Sec. 235.10, Wis. Statutes)

(STATE OF WISCONSIN) Form No. 5

Published by Eau Claire Book & Stationery Co.

VOL 638 PAGE 95

This Indenture, *Made by* Vernon Plamann and Ruth Plamann, his wife,

grantor s, *of* Outagamie *County, Wisconsin, hereby conveys and warrants to* Outagamie County, a Municipal Corporation,

grantee , *of* Outagamie *County, Wisconsin, for the sum of* Forty-four thousand and no/100 dollars ($44,000.00) *the following tract of land in* Outagamie *County, State of Wisconsin:*

The South Sixty (60) acres of the West Half of the South West Quarter of Section Twenty-five (25), Township Twenty-One (21), North of Range Sixteen (16) East.

Taxes will be prorated to July 1, 1963.

Grantee will withhold $500.00 in escrow to guarantee possession by August 1, 1963.

In Witness Whereof, the said grantors have hereunto set their hand s and seals this 27th *day of* June *A. D., 19* 63

Signed and Sealed in Presence of

A.W. Ponath

Ruthann Kostrzak

Vernon Plamann (SEAL)

Ruth Plamann (SEAL)

(SEAL)

(SEAL)

State of Wisconsin,
OUTAGAMIE County. } ss.

Personally came before me, this 27th *day of* June *A. D., 19* 63 *the above named* Vernon Plamann and Ruth Plamann, his wife,

to me known to be the person s *who executed the foregoing instrument and acknowledged the same.*

A.W. Ponath

Notary Public, Outagamie *County, Wis.*
My commission ~~expires~~ is permanent

Drafted by A.W. Ponath, Corporation Counsel,

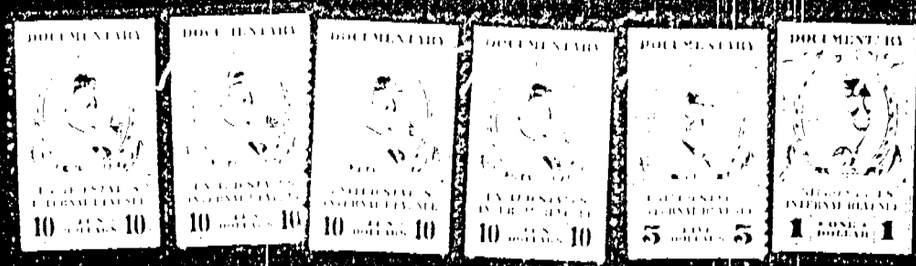
(N.B.—Ch. 69 Wis. Stats. provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary.)

DOCUMENT NO. | VOL 634 PAGE 415

This Indenture, Made this 8th day of July A. D., 19 63
between William C. Woehler and Lynda Woehler, his wife
Outagamie County, part ies of the first part, and
, part y of the second part.

Witnesseth, That the said part ies of the first part, for and in consideration of the sum of
One Dollar and other good and valuable consideration
to them in hand paid by the said part y of the second part, the receipt whereof is hereby confessed and acknowledged, have given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said part y of the second part, its heirs and assigns forever the following described real estate situated in the County of Outagamie and State of Wisconsin, to-wit:

The East One-Half (1/2) of the South West Quarter (1/4) of SECTION Twenty-Five (25), TOWNSHIP Twenty-One (21) North, RANGE Sixteen (16) East.



Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all estate right, title, interest, claim or demand whatsoever, of the said part ies of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To have and to hold the said premises as above described with the hereditaments and appurtenances, unto the said part y of the second part, and to its assigns FOREVER.

And the said William C. Woehler and Lynda Woehler, his wife
for themselves, their heirs, executors and administrators, do covenant, grant, bargain, and agree to and with the said part y of the second part its assigns, that at the time of the ensealing and delivery of these presents are well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever
subject to easement in favor of Wisconsin-Michigan Power Company, as per 244 Deeds, page 104

and that the above bargained premises in the quiet and peaceable possession of the said part y of the second part its assigns, against all and every person or persons lawfully claiming the whole or any part thereof they will forever WARRANT AND DEFEND.

In Witness Whereof, the said part ies of the first part have hereunto set their hand s and seal s this 8th day of July A. D., 19 63.

SIGNED AND SEALED IN PRESENCE OF
Abraham Sigman
Abraham Sigman
Marlene Milbach
Marlene Milbach

William C. Woehler (SEAL)
William C. Woehler
Lynda Woehler (SEAL)
Lynda Woehler
(SEAL)
(SEAL)

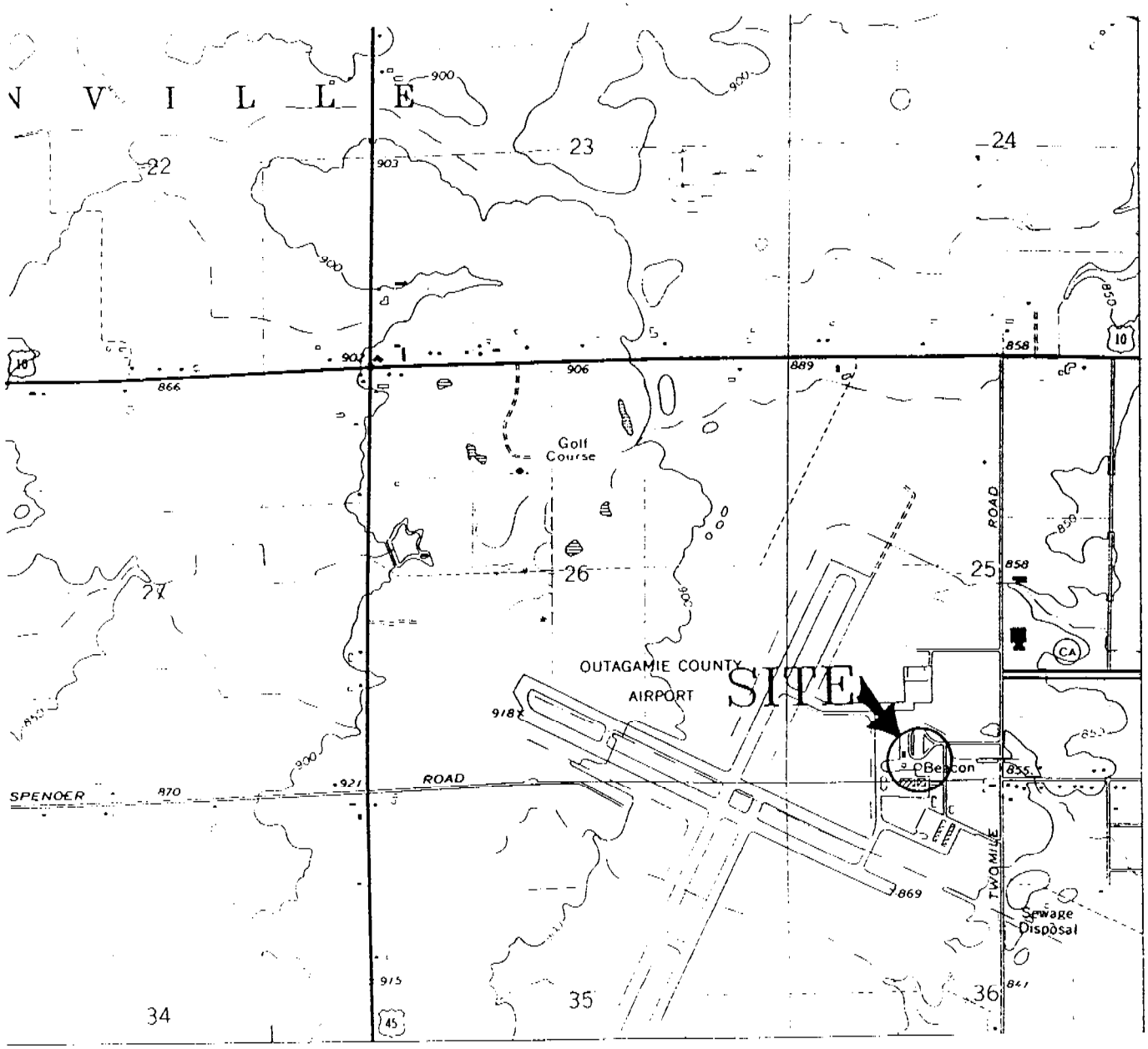
STATE OF WISCONSIN
Outagamie County. } ss.
Personally came before me, this 8th day of July A. D., 19 63
the above named William C. Woehler and Lynda Woehler, his wife
to me known to be the person s who executed the foregoing instrument and acknowledged the same.

Received for Record this day of
, A. D., 19 at o'clock M. (SEAL)
Register of Deeds
Deputy Register of Deeds

Abraham Sigman
Abraham Sigman
Notary Public Outagamie County, Wis.
My Commission is Permanent.

This instrument was drafted by Attorney Abraham Sigman

WARRANTY DEED | STATE OF WISCONSIN FORM No. 1 | Wisconsin Legal Blank Company Milwaukee, Wisconsin 24203



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, APPLETON, WISCONSIN QUADRANGLE, 1992.

0 1000' 2000' 4000'

SCALE 1"= 2000'

N

FIGURE 1
SITE LOCATION MAP

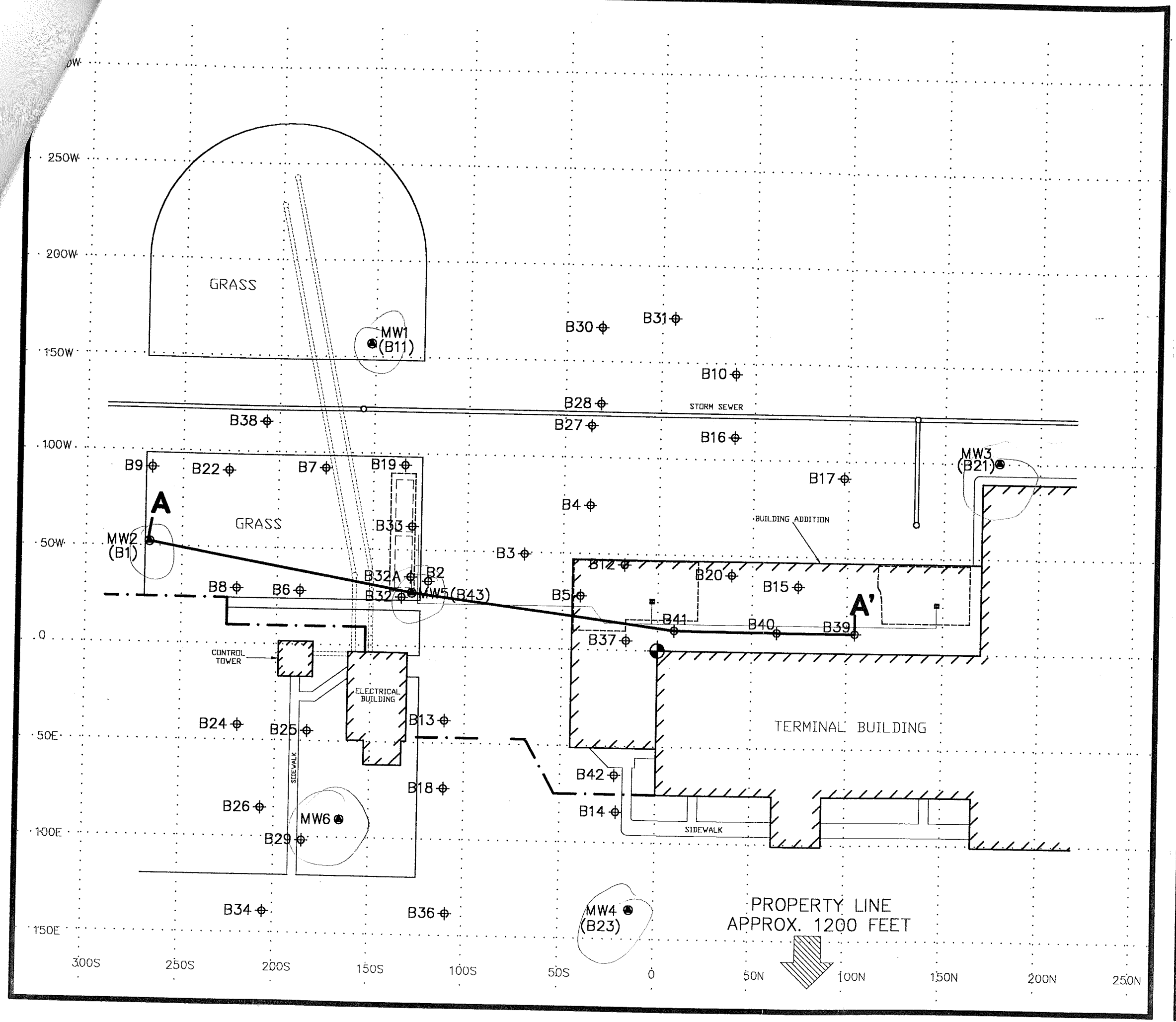
AIR WISCONSIN, INC.
OUTAGAMIE COUNTY AIRPORT
APPLETON, WISCONSIN

OMNI ASSOCIATES

ONE SYSTEMS DRIVE
APPLETON, WI 54914

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

PROJECT MANAGER:		PROJECT NO:	N0683B92
PROJECT ENGINEER:		CAD FILE NO:	N0683A1
DRAWN BY:	KRE	SCALE:	
REVIEWED BY:		DATE:	3/27/98



0' 10' 25' 50'
SCALE: 1" = 50'

LOCAL GRID NORTH
N

LEGEND:

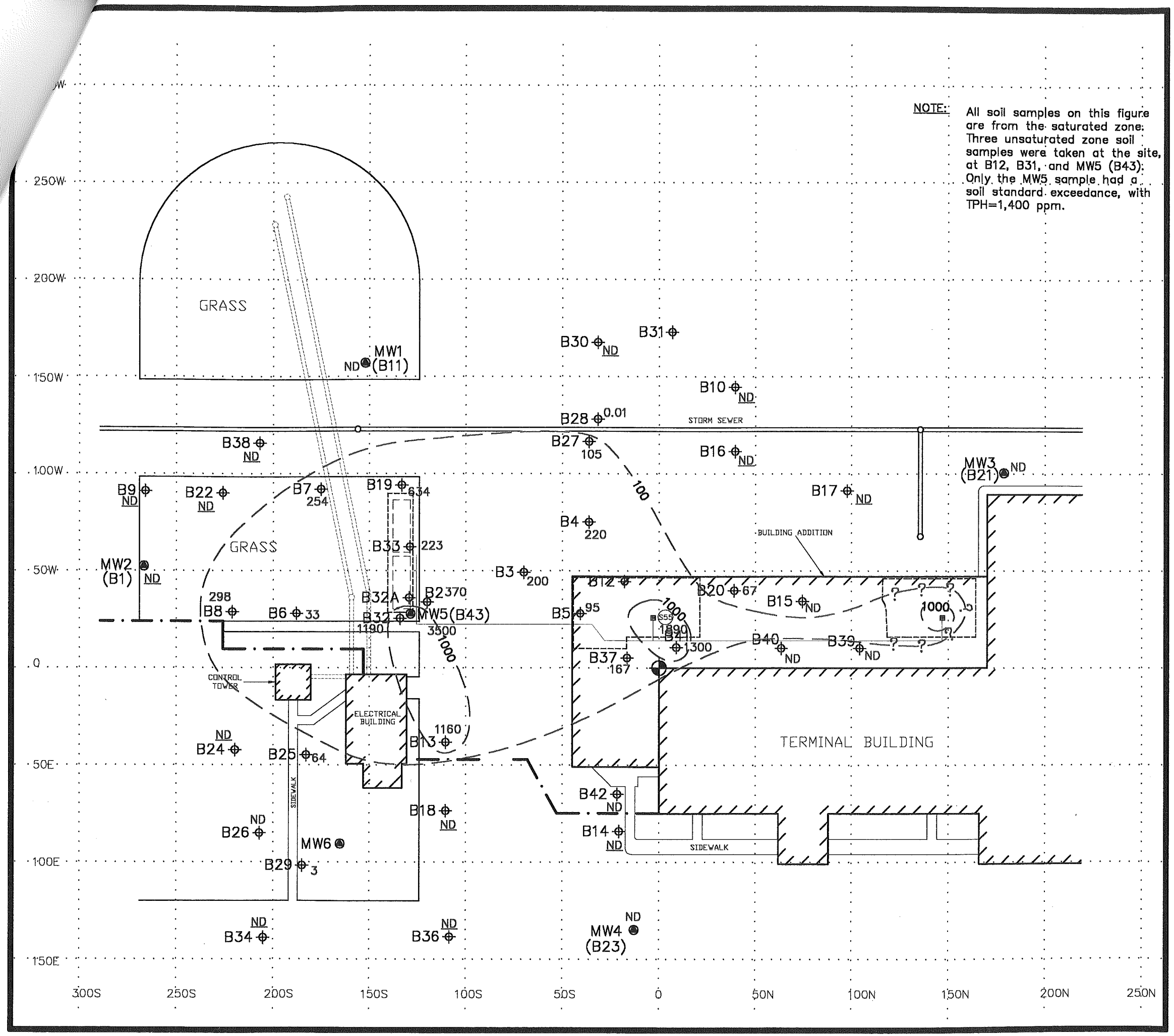
MW1	Well Location and I.D. No.
B1	Soil Boring Location and I.D No.
A A'	Cross–Section
	Limit of Excavation
	Former Underground Storage Tank Location
	Former Dispenser Location
	Former Product Supply Line
	Building Face
	Security Gate
	Underground Concrete Conduit Box
50N	Grid Line (50' Interval)
	Grid Reference Point

FIGURE 2
SITE DETAIL MAP

AIR WISCONSIN, INC.
OUTAGAMIE COUNTY AIRPORT
APPLETON, WISCONSIN

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

PROJECT MANAGER:		PROJECT NO:	N0683B92
PROJECT ENGINEER:		CAD FILE NO:	N0683B3
DRAWN BY:	DLD	SCALE:	1" = 50'
REVIEWED BY:		DATE:	3/23/98



0' 10' 25' 50'
SCALE: 1" = 50'

LOCAL GRID NORTH
N

LEGEND:

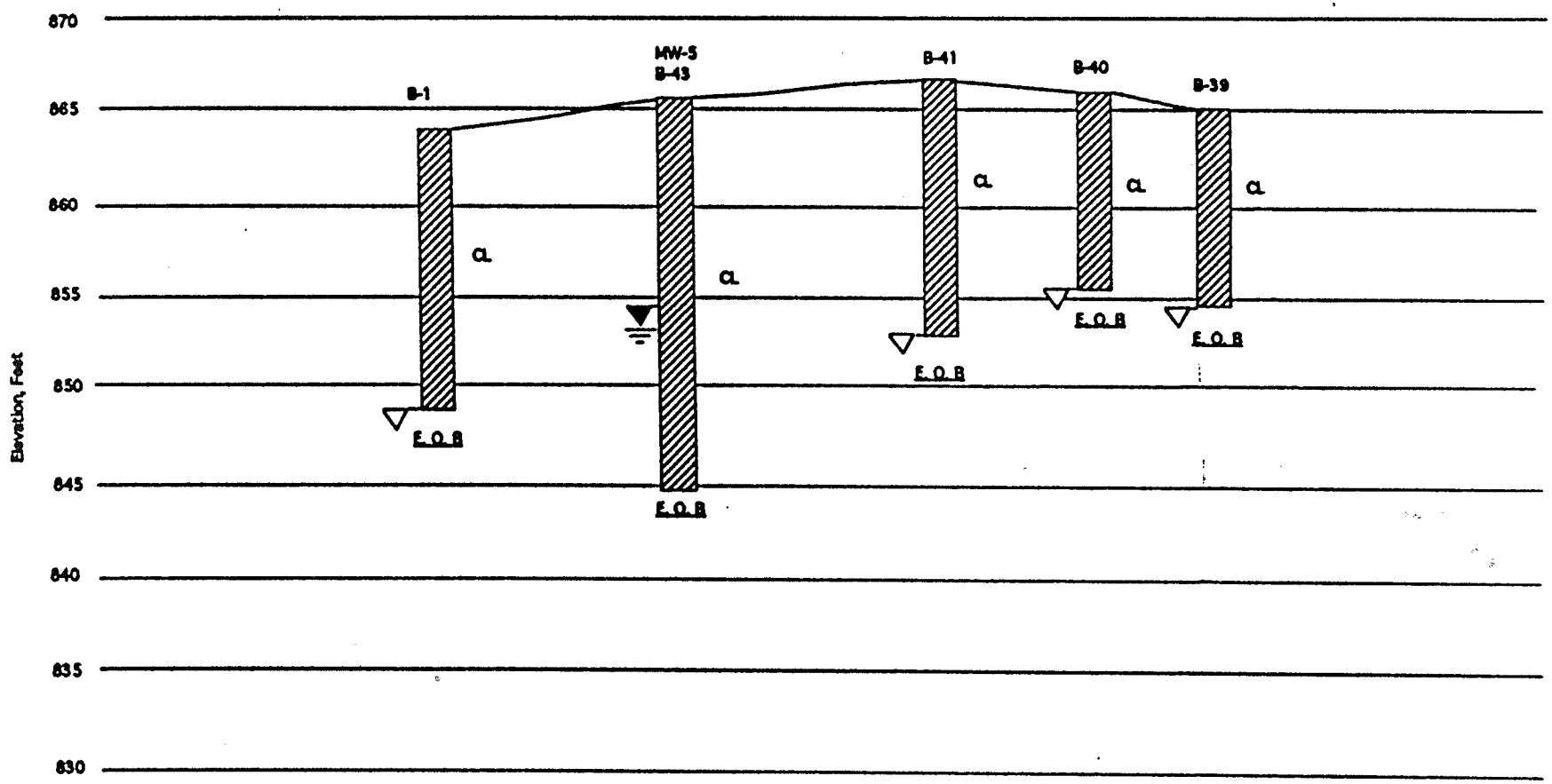
MW1	Well Location and I.D. No.
B1	Soil Boring Location and I.D No.
S55	Soil Sample Location
1000	TPH Contour Line
67	TPH Concentration in Soil (mg/kg) (1/91 and 5/91)
ND	Not Detected
ND	No Field Evidence of Contamination
	Limit of Excavation
	Former Underground Storage Tank Location
	Former Dispenser Location
	Former Product Supply Line
	Building Face
	Security Gate
	Underground Concrete Conduit Box
50N	Grid Line (50' Interval)
	Grid Reference Point

FIGURE 3
TPH CONCENTRATIONS IN THE SMEAR ZONE SOIL (mg/kg)

AIR WISCONSIN, INC.
OUTAGAMIE COUNTY AIRPORT
APPLETON, WISCONSIN

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

PROJECT MANAGER:		PROJECT NO:	N0683B92
PROJECT ENGINEER:		CAD FILE NO:	N0683B3
DRAWN BY:	DLD	SCALE:	1" = 50'
REVIEWED BY:		DATE:	3/23/98



Legend

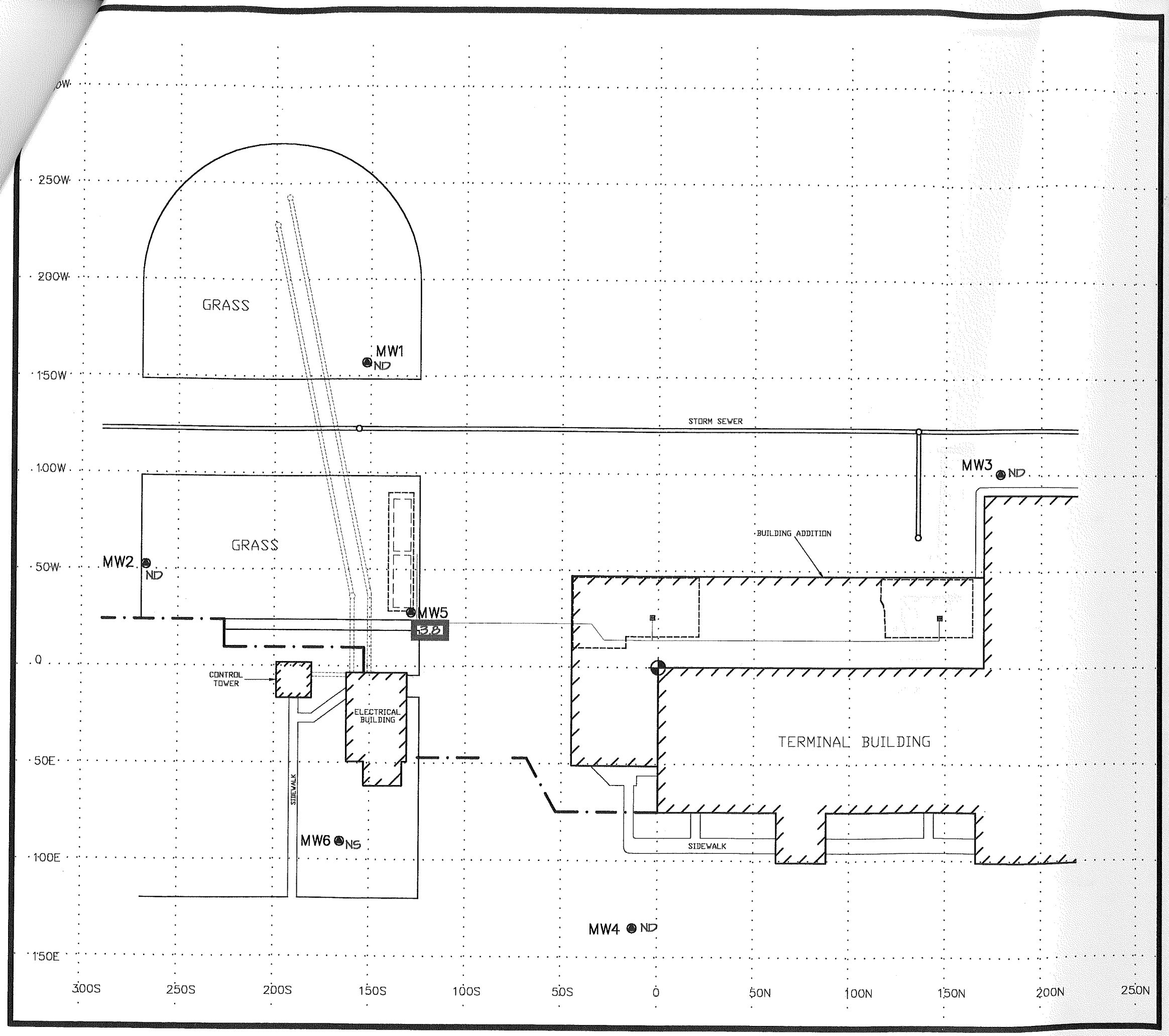
CL = Silty Clay

▼ = Groundwater Elevation on 5/22/91

▽ = Boring Dry Upon Completion

Geologic Section "A-A"

Owner	Engineer	Figure : 4 Geologic Section 'A-A'					
AIR WISCONSIN, INC. Outagamie County Airport Appelton, Wisconsin	K. SINGH & ASSOCIATES, INC. Engineers & Environmental Management Consultants 1135 Legion Drive, Elm Grove Wisconsin - 53122 414-821-1171	Date June 6,1991	Drawn by D.M.	Revisions	by	date	Project No. 1096
		SCALE 0 20' 40'	Checked by				Sheet No. 1



0' 10' 25' 50'
SCALE: 1" = 50'

LOCAL GRID NORTH
N

LEGEND:

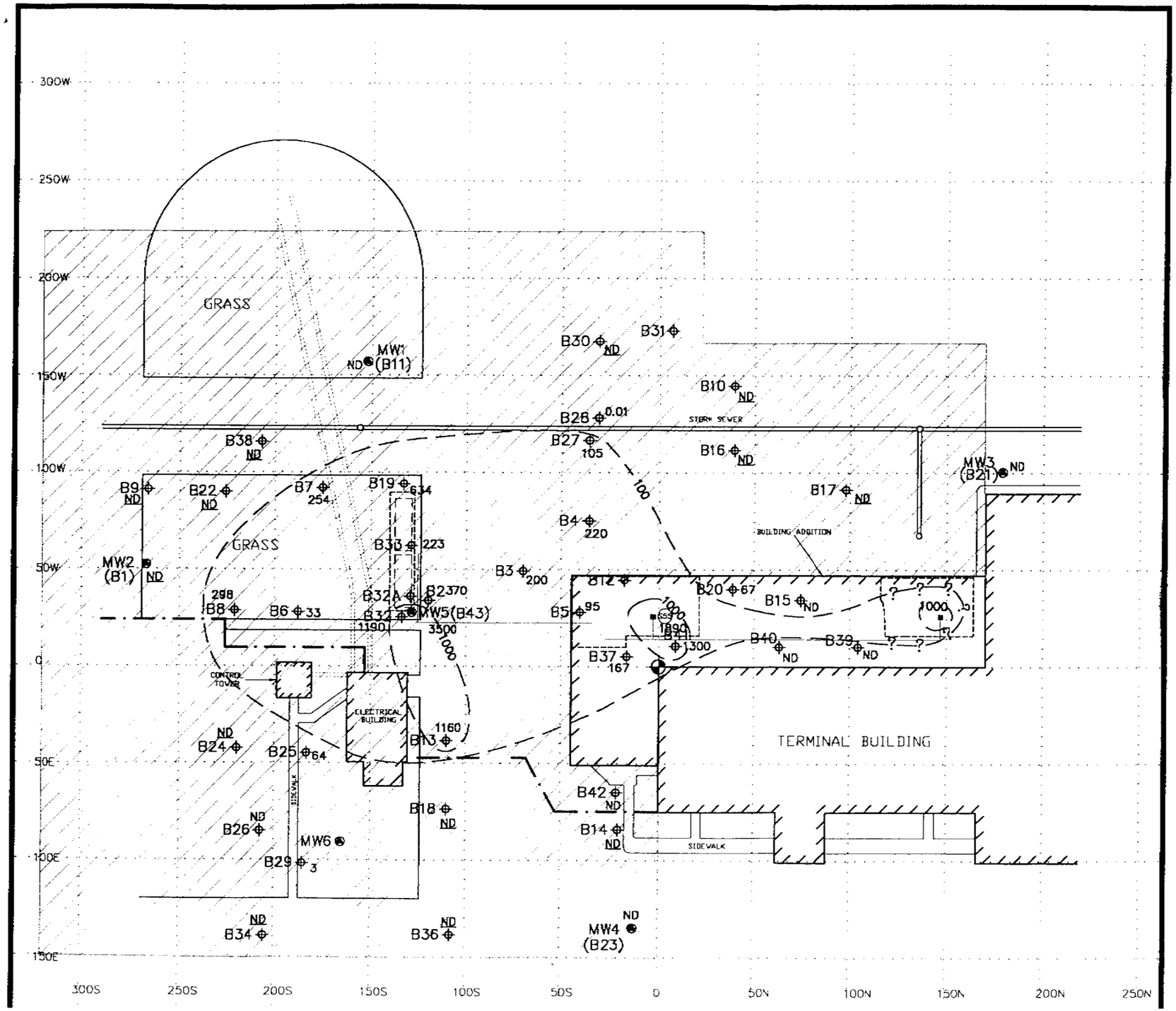
MW1 ●	Well Location and I.D. No.
3.8	Benzene Concentration in the Groundwater (ug/L)
NS	Not Sampled
ND	Not Detected
▭	PAL Exceedance
----------	Limit of Excavation
▭	Former Underground Storage Tank Location
■	Former Dispenser Location
———	Former Product Supply Line
//////	Building Face
—·—·—	Security Gate
·····	Underground Concrete Conduit Box
50N·····	Grid Line (50' Interval)
⊕	Grid Reference Point

FIGURE 5
BENZENE CONCENTRATIONS IN THE GROUNDWATER (ug/L) (1/29/98)

AIR WISCONSIN, INC.
OUTAGAMIE COUNTY AIRPORT
APPLETON, WISCONSIN

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

PROJECT MANAGER:		PROJECT NO:	N0683B92
PROJECT ENGINEER:		CAD FILE NO:	N0683B3
DRAWN BY:	DLD	SCALE:	1" = 50'
REVIEWED BY:		DATE:	3/23/98



0' 10' 25' 50'
SCALE: 1" = 50'

LOCAL GRID NORTH
N

LEGEND:

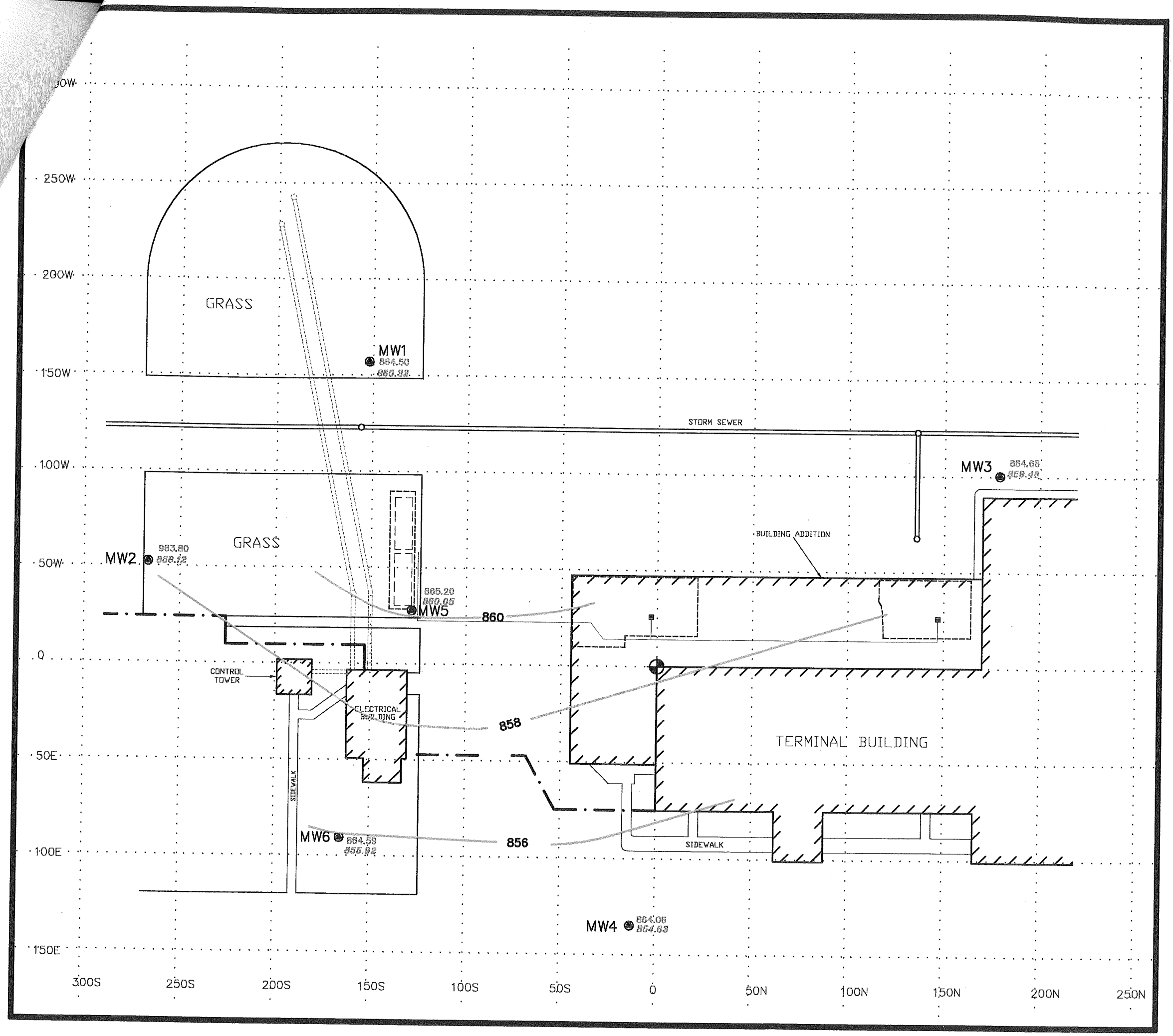
MW1	Well Location and I.D. No.
B1	Soil Boring Location and I.D. No.
	Proposed Area for Deed Restriction
SS3	Soil Sample Location
1000	TPH Contour Line
67	TPH Concentration in Soil (mg/kg) (1/91 and 5/91)
ND	Not Detected
ND	No Field Evidence of Contamination
	Limit of Excavation
	Former Underground Storage Tank Location
	Former Dispenser Location
	Former Product Supply Line
	Building Face
	Security Gate
	Underground Concrete Conduit Box
50N	Grid Line (50' Interval)
	Grid Reference Point

FIGURE 9
PROPOSED AREA FOR
DEED RESTRICTION

AIR WISCONSIN, INC.
OUTAGAMIE COUNTY AIRPORT
APPLETON, WISCONSIN

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

PROJECT MANAGER:		PROJECT NO:	N068.3892
PROJECT ENGINEER:		CAD FILE NO:	N068.333
DRAWN BY:	D.D.	SCALE:	1" = 50'



0' 10' 25' 50'
SCALE: 1" = 50'

LOCAL GRID NORTH
N

LEGEND:

MW1	Well Location and I.D. No.
MW1 758.51 748.68	Surface Elevation at Well Groundwater Elevation at Well
758	Historical Groundwater Contour Line (2' Contour Interval)
	Limit of Excavation
	Former Underground Storage Tank Location
	Former Dispenser Location
	Former Product Supply Line
	Building Face
	Security Gate
	Underground Concrete Conduit Box
50N	Grid Line (50' Interval)
	Grid Reference Point

FIGURE 6
HISTORICAL GROUNDWATER ELEVATION CONTOUR MAP

AIR WISCONSIN, INC.
OUTAGAMIE COUNTY AIRPORT
APPLETON, WISCONSIN

OMNI ASSOCIATES
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FAX (920) 830-6100

PROJECT MANAGER:		PROJECT NO:	N0683B92
PROJECT ENGINEER:		CAD FILE NO:	N0683B3
DRAWN BY:	DLD	SCALE:	1" = 50'
REVIEWED BY:		DATE:	3/23/98

N0683B92

AIR WISCONSIN

TABLE 2

SUMMARY OF LABORATORY ANALYSIS SOIL SAMPLES

SAMPLE ID	SAMPLE DEPTH	BENZENE (ppm)	BETX (ppm)	TPH (ppm)
DNR STANDARD		5.5	-	250
B1 (MW2)	13.5'-15'		.123	ND
B2	8.5'-10'	.038	3.19	370
B3	6'-7.5'	.006	1.27	200
B4	6'-7.5'	.0005	.87	220
B5	8.5'-10'	ND	.085	95
B6	8.5'-10'	ND	.211	33
B7	3.5'-5'	ND	.445	254
B8	6'-7.5'	ND	.626	298
B11 (MW1)	6'-7.5'			ND
B12	1'-2.5'	ND	.001	1.7
B13	6'-7.5'	.062	22.84	1,160
B15	3.5'-5'			ND
B19	6'-7.5'	.026	4.39	634
B20	3.5'-5'	ND	.413	66.7
B21 (MW3)	6'-7.5'			ND
B23 (MW4)	8.5'-10'			ND
B25	8.5'-10'	ND	.126	64
B26	11'-12.5'			ND
B27	6'-7.5'	ND	.023	105
B28	6'-7.5'	ND	ND	.052
B29	8.5'-10'	ND	ND	2.6
B31	1'-2.5'			ND
B32	8.5'-10'	.134	15.28	1,190
B32A	11'-12.5'			ND
B33	11'-12.5'	ND	.634	223
B35	13.5'-15'			ND
B37	3.5'-5'	ND	.56	167
B38	11'-12.5'	ND	ND	ND
B39	8.5'-10'	ND	ND	ND
B40	6'-7.5'			ND
B41	3.5'-5'	ND	4.9	1,300
B41	11'-12.5'	.013	1.653	150
B42	6'-7.5'			ND
B43 (MW5)	1'-2.5'			1,400
B43 (MW5)	3.5'-5'	.11	18.61	3,500
B43 (MW5)	16'-17.5'			ND
S47	4.0	ND	7273	
S55	5.0	ND	3112	1890

ND = not detected

NS = not sampled

= sample concentration detected above the DNR standard. The majority of samples were taken from the saturated zone, below the seasonally high groundwater table of four feet. Soil standards with respect to saturated soil samples are for informational purposes only.

F:\ENVIRO\N0683B92\TABLES\SOIL.XLS

TABLE 3
SUMMARY OF LABORATORY ANALYSIS
GROUNDWATER - HISTORICAL

MONITORING WELL MW2										
PARAMETER (µg/L)	ES	PAL	5/13/93	8/12/93	2/22/94	7/7/94	2/1/95	7/19/95	9/2/97	1/29/98
PVOCs										
BENZENE	5	0.5	NA	ND	ND	ND	NS	NS	ND	ND
ETHYLBENZENE	700	140	NA	ND	ND	ND	NS	NS	ND	0.61
MTBE	60	12	NA	ND	ND	ND	NS	NS	ND	ND
TOLUENE	343	68.6	NA	ND	ND	ND	NS	NS	ND	ND
1,2,4-TRIMETHYLBENZENE	-	-	NA	ND	ND	ND	NS	NS	ND	ND
1,3,5-TRIMETHYLBENZENE	-	-	NA	ND	ND	ND	NS	NS	ND	ND
m,p-XYLENE	620 (combined)	124 (combined)	NA	ND	ND	ND	NS	NS	ND	1.9
o-XYLENE			ND	ND	ND	ND	NS	NS	ND	ND
NAPHTHALENE	40	8	NA	NA	NA	NA	NS	NS	ND	ND
DETECTED PAHs										
ACENAPHTHENE	-	-	NA	ND	ND	NA	NS	NS	NA	NA
FLUORANTHENE	-	-	NA	ND	ND	NA	NS	NS	NA	NA
FLUORENE	-	-	NA	ND	ND	NA	NS	NS	NA	NA
1-METHYLNAPHTHALENE	-	-	NA	ND	ND	NA	NS	NS	NA	NA
2-METHYLNAPHTHALENE	-	-	NA	ND	ND	NA	NS	NS	NA	NA
NAPHTHALENE	40	8	NA	ND	ND	NA	NS	NS	NA	NA
PHENANTHRENE	-	-	NA	ND	ND	NA	NS	NS	NA	NA

ES = enforcement standard
PAL = preventive action limit
ND = not detected
NA = not analyzed
NS = not sampled

TABLE 3
SUMMARY OF LABORATORY ANALYSIS
GROUNDWATER - HISTORICAL

			MONITORING WELL MW2							
PARAMETER (µg/L)	ES	PAL	5/13/93	8/12/93	2/22/94	7/7/94	2/1/95	7/19/95	9/2/97	1/29/98
PVOCs										
BENZENE	5	0.5	NA	ND	ND	ND	NS	NS	ND	ND
ETHYLBENZENE	700	140	NA	ND	ND	ND	NS	NS	ND	0.61
MTBE	60	12	NA	ND	ND	ND	NS	NS	ND	ND
TOLUENE	343	68.6	NA	ND	ND	ND	NS	NS [a]	ND	ND
1,2,4-TRIMETHYLBENZENE	-	-	NA	ND	ND	ND	NS	NS	ND	ND
1,3,5-TRIMETHYLBENZENE	-	-	NA	ND	ND	ND	NS	NS	ND	ND
m,p-XYLENE	620 (combined)	124 (combined)	NA	ND	ND	ND	NS	NS	ND	1.9
o-XYLENE			ND	ND	ND	ND	NS	NS	ND	ND
NAPHTHALENE	40	8	NA	NA	NA	NA	NS	NS	ND	ND
DETECTED PAHs										
ACENAPHTHENE	-	-	NA	ND	ND	NA	NS	NS	NA	NA
FLUORANTHENE	-	-	NA	ND	ND	NA	NS	NS	NA	NA
FLUORENE	-	-	NA	ND	ND	NA	NS	NS	NA	NA
1-METHYLNAPHTHALENE	-	-	NA	ND	ND	NA	NS	NS	NA	NA
2-METHYLNAPHTHALENE	-	-	NA	ND	ND	NA	NS	NS	NA	NA
NAPHTHALENE	40	8	NA	ND	ND	NA	NS	NS	NA	NA
PHENANTHRENE	-	-	NA	ND	ND	NA	NS	NS	NA	NA

ES = enforcement standard
PAL = preventive action limit
ND = not detected
NA = not analyzed
NS = not sampled

N0683B92
AIR WISCONSIN

TABLE 3
SUMMARY OF LABORATORY ANALYSIS
GROUNDWATER - HISTORICAL

			MONITORING WELL MW3							
PARAMETER (µg/L)	ES	PAL	5/13/93	8/12/93	2/22/94	7/7/94	2/1/95	7/19/95	9/2/97	1/29/98
PVOCs										
BENZENE	5	0.5	ND	ND	ND	ND	NS	NS	ND	ND
ETHYLBENZENE	700	140	ND	ND	ND	ND	NS	NS	ND	ND
MTBE	60	12	ND	ND	ND	ND	NS	NS	ND	ND
TOLUENE	343	68.6	ND	ND	ND	ND	NS	NS	ND	ND
1,2,4-TRIMETHYLBENZENE	-	-	ND	ND	ND	ND	NS	NS	ND	ND
1,3,5-TRIMETHYLBENZENE	-	-	ND	ND	ND	ND	NS	NS	ND	ND
m,p-XYLENE	620 (combined)	124 (combined)	ND	ND	ND	ND	NS	NS	ND	ND
o-XYLENE			ND	ND	ND	ND	NS	NS	ND	ND
NAPHTHALENE	40	8	NA	NA	NA	NA	NS	NS	ND	ND
DETECTED PAHs										
ACENAPHTHENE	-	-	ND	ND	ND	NA	NS	NS	NA	NA
FLUORANTHENE	-	-	ND	ND	ND	NA	NS	NS	NA	NA
FLUORENE	-	-	ND	ND	ND	NA	NS	NS	NA	NA
1-METHYLNAPHTHALENE	-	-	ND	ND	ND	NA	NS	NS	NA	NA
2-METHYLNAPHTHALENE	-	-	ND	ND	ND	NA	NS	NS	NA	NA
NAPHTHALENE	40	8	ND	ND	ND	NA	NS	NS	NA	NA
PHENANTHRENE	-	-	ND	ND	ND	NA	NS	NS	NA	NA

ES = enforcement standard
PAL = preventive action limit
ND = not detected
NA = not analyzed
NS = not sampled

TABLE 3
SUMMARY OF LABORATORY ANALYSIS
GROUNDWATER - HISTORICAL

			MONITORING WELL MW4							
PARAMETER (µg/L)	**ES**	**PAL**	**5/13/93**	**8/12/93**	**2/22/94**	**7/7/94**	**2/1/95**	**7/19/95**	**9/2/97**	**1/29/98**
PVOCs										
BENZENE	5	0.5	ND	ND	ND	ND	NS	NS	1.3	ND
ETHYLBENZENE	700	140	ND	ND	ND	ND	NS	NS	1.4	ND
MTBE	60	12	ND	ND	ND	ND	NS	NS	ND	ND
TOLUENE	343	68.6	ND	ND	ND	ND	NS	NS	7.0	ND
1,2,4-TRIMETHYLBENZENE	-	-	ND	ND	ND	ND	NS	NS	2.0	ND
1,3,5-TRIMETHYLBENZENE	-	-	ND	ND	ND	ND	NS	NS	ND	ND
m,p-XYLENE	620 (combined)	124 (combined)	ND	ND	ND	ND	NS	NS	6.2	ND
o-XYLENE			ND	ND	ND	ND	NS	NS	2.4	ND
NAPHTHALENE	40	8	NA	NA	NA	NA	NS	NS	ND	ND
DETECTED PAHs										
ACENAPHTHENE	-	-	ND	ND	ND	NA	NS	NS	NA	NA
FLUORANTHENE	-	-	ND	ND	ND	NA	NS	NS	NA	NA
FLUORENE	-	-	ND	ND	ND	NA	NS	NS	NA	NA
1-METHYLNAPHTHALENE	-	-	ND	ND	ND	NA	NS	NS	NA	NA
2-METHYLNAPHTHALENE	-	-	ND	ND	ND	NA	NS	NS	NA	NA
NAPHTHALENE	40	8	ND	ND	ND	NA	NS	NS	NA	NA
PHENANTHRENE	-	-	ND	ND	ND	NA	NS	NS	NA	NA

ES = enforcement standard
PAL = preventive action limit
ND = not detected
NA = not analyzed
NS = not sampled
= sample concentrations detected over the preventive action limit

TABLE 3
SUMMARY OF LABORATORY ANALYSIS
GROUNDWATER - HISTORICAL

			MONITORING WELL MW5							
PARAMETER (µg/L)	ES	PAL	5/13/93	8/12/93	2/22/94	7/7/94	2/1/95	7/19/95	9/2/97	1/29/98
PVOCs										
BENZENE	5	0.5	36	130	24	58	23	34	19	3.8
ETHYLBENZENE	700	140	34	78	34	72	30	34	42	5.3
MTBE	60	12	10	22	20	17	7.8	14	9.8	8.2
TOLUENE	343	68.6	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	-	-	71	100	220	190	130	100	57	30
1,3,5-TRIMETHYLBENZENE	-	-	17	21	55	43	36	17	3.0	14
m,p-XYLENE	620 (combined)	124 (combined)	29	82	52	78	43	31	74	12
o-XYLENE			ND	ND	1.7	ND	ND	ND	ND	ND
NAPHTHALENE	40	8	NA	NA	NA	NA	NA	NA	223	63
DETECTED PAHs										
ACENAPHTHENE	-	-	120	ND	ND	ND	ND	ND	NA	NA
FLUORANTHENE	-	-	94	ND	ND	ND	ND	ND	NA	NA
FLUORENE	-	-	10	3.09	1.48	10	ND	ND	NA	NA
1-METHYLNAPHTHALENE	-	-	88	65	41	130	65	72	NA	NA
2-METHYLNAPHTHALENE	-	-	ND	78	40	110	64	61	NA	NA
NAPHTHALENE	40	8	190	140	49	130	67	52	NA	NA
PHENANTHRENE	-	-	ND	2.34	1.49	ND	ND	ND	NA	NA

ES = enforcement standard
PAL = preventive action limit
ND = not detected
NA = not analyzed
NS = not sampled
= sample concentrations detected over the preventive action limit
= sample concentrations detected over the enforcement standard

TABLE 3
SUMMARY OF LABORATORY ANALYSIS
GROUNDWATER - HISTORICAL

MONITORING WELL MW6										
PARAMETER (µg/L)	ES	PAL	5/13/93	8/12/93	2/22/94	7/7/94	2/1/95	7/19/95	9/2/97	1/29/98 *
PVOCs										
BENZENE	5	0.5	ND	ND	ND	ND	ND	ND	.93	NS
ETHYLBENZENE	700	140	ND	ND	ND	ND	ND	ND	1.9	NS
MTBE	60	12	ND	ND	ND	ND	ND	ND	ND	NS
TOLUENE	343	68.6	ND	1.4	ND	ND	ND	ND	7.7	NS
1,2,4-TRIMETHYLBENZENE	-	-	ND	ND	ND	ND	ND	ND	3.4	NS
1,3,5-TRIMETHYLBENZENE	-	-	ND	ND	ND	ND	ND	ND	0.99	NS
m,p-XYLENE	620 (combined)	124 (combined)	ND	ND	ND	ND	ND	ND	8.5	NS
o-XYLENE			ND	ND	ND	ND	ND	ND	3.4	NS
NAPHTHALENE	40	8	NA	NA	NA	NA	NA	ND	ND	NS
DETECTED PAHs										
ACENAPHTHENE	-	-	ND	ND	ND	ND	ND	NA	NA	NS
FLUORANTHENE	-	-	0.41	ND	ND	ND	ND	NA	NA	NS
FLUORENE	-	-	ND	ND	ND	ND	ND	NA	NA	NS
1-METHYLNAPHTHALENE	-	-	ND	ND	ND	ND	ND	NA	NA	NS
2-METHYLNAPHTHALENE	-	-	ND	ND	ND	ND	ND	NA	NA	NS
NAPHTHALENE	40	8	ND	ND	ND	ND	ND	NA	NA	NS
PHENANTHRENE	-	-	ND	ND	ND	ND	ND	NA	NA	NS

ES = enforcement standard
PAL = preventive action limit
ND = not detected
NA = not analyzed
NS = not sampled
[ ] = sample concentrations detected above the preventive action limit

* Not sampled due to construction activities in the area of this well.

TABLE 6
HISTORICAL GROUNDWATER ELEVATIONS

DATE	MW1	MW2	MW3	MW4	MW5	MW6
5/13/93	861.31	859.83	861.84	855.60	862.12	857.06
8/12/93	861.03	858.61	860.84	855.04	860.32	856.23
2/22/94	858.31	856.09	855.53	854.14	856.86	854.29
7/7/94	861.90	858.75	860.72	855.19	862.23	857.46
2/1/95	858.78	857.18	857.56	853.52	859.59	854.26
7/19/95	860.49	858.09	860.40	854.73	859.51	855.98
9/2/97	861.73	859.25	860.85	854.78	861.45	856.17
1/29/98	859.04	857.15	858.13	854.05	858.30	
Averages:	860.32	858.12	859.48	854.63	860.05	855.92