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.

GIS REGISTRY
Cover Sheet

July, 2008
(RR 5367)

Source Property Information

CLOSURE DATE: Nov 15, 1999

BRRTS #: **03-13-000425**

FID #:

ACTIVITY NAME: A J Sweet CO

DATCP #:

PROPERTY ADDRESS: 639 W Wilson St

COMM #: 53703347139

MUNICIPALITY: Madison

PARCEL ID #: 60-0709-234-1009-0

***WTM COORDINATES:**

X: **569676** Y: **288230**

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

WTM COORDINATES REPRESENT:

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

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

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

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

- [ ] Soil: maintain industrial zoning *(220)*

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

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

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

Monitoring wells properly abandoned? *(234)*

(•) Yes ( ) No ( ) N/A

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

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

GIS Registry Checklist

Form 4400-245 (R 4/08)

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

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

BRRTS #: 03-13-000425 PARCEL ID #:

ACTIVITY NAME: A J Sweet CO WTM COORDINATES: X: 569676 Y: 288230

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

☒ **Closure Letter**

☐ **Maintenance Plan** (*if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.*)

☐ **Conditional Closure Letter**

☐ **Certificate of Completion (COC)** for VPLE sites

SOURCE LEGAL DOCUMENTS

☒ **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #: **Title:**

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

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

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

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

Figure #: 2.01-2 **Title: Site Location Map**

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

Figure #: 2.01-1 **Title: Site Map**

☒ **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 #: 3 **Title: Saturated Soil and Groundwater Results**

BRRTS #: 03-13-000425 ACTIVITY NAME: A J Sweet CO

MAPS (continued)

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

Figure #: **Title:**

Figure #: **Title:**

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

Figure #: **Title:**

☐ **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:**

Figure #: **Title:**

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

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

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

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

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

Table #: 3 **Title: Groundwater Analytical Results**

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

Table #: 1 **Title: Groundwater Elevation Results**

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 #: 03-13-000425 ACTIVITY NAME: A J Sweet CO

NOTIFICATIONS

Source Property

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

Off-Source Property

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

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

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

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

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Ruthe E. Badger, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TDD 608-275-3231

November 15, 1999

File Ref: Dane County
03-13-000425

Mr. Gary Sweet
AJ Sweet
4850 Helgesen Drive
Madison, WI 53708

Subject: Final Site Closure - AJ Sweet Company Site, 639 West Wilson Street, Madison

Dear Mr. Sweet:

The Department has received the well abandonment forms for this site was well as the appropriate deed restrictions. With this information the Department considers this site closed and no further action is required.

Sincerely,

Michael Schmoller
Hydrogeologist
608-275-3303

DANE COUNTY
REGISTER OF DEEDS

3138248

07-27-1999 7:55 AM

Trans. Fee

Rec. Fee 14.00
Pages 3

000045

COPY

DEED NOTICE

In Re: Part of Lots 1, 2, and 3, Block 28, of the Original plat of Madison, Dane County, Wisconsin more particularly described on Exhibit A attached hereto.

STATE OF WISCONSIN)
)ss.
COUNTY OF DANE)

The undersigned, being first duly sworn on oath deposes and says:

Name and Return Address:
Attorney Gregory C. Collins
Axley Brynelson, LLP
P.O. Box 1767
Madison, WI 53701-1767

60-0709-234-1009-0
Tax Parcel Identification Number

1. That A.J. Sweet of Madison, Inc., is the owner of the legal title to the property described in the attachment hereto.

2. That approval has been given by the Wisconsin Department of Natural Resources for the close out of an environmental contamination case involving the property described above on the condition that a notification of the existence of soil residual contamination on the property is recorded at the Office of the Dane County Register of Deeds where the property is located.

3. That this affidavit is being recorded for the purpose of notifying prospective purchasers and other interested parties that soil contamination from petroleum related compounds exists beneath a portion of the existing freezer building.

A.J. SWEET OF MADISON, INC.

By: Sheldon W. Sweet
Name: Sheldon W. Sweet
Title: C.E.O.

(ACKNOWLEDGMENT ON NEXT PAGE)

3/1

000046

State of Wisconsin)
)ss.
County of Dane)

Personally came before me this 16th day of July, 1999, the above named Sheldon W. Sweet to me known to be the person who executed the foregoing instrument and acknowledge the same.

John A. Snider
Notary Public, State of Wisconsin
My Commission: 2/12/00

COPY

This document was drafted by:

Attorney Gregory C. Collins
Axley Brynelson, LLP

LEGAL DESCRIPTION

000047

Part of Lots 1, 2, and 3, Block 28, of the original plat of Madison, in the City of Madison, more particularly described as follows: Commencing at the monument locating the center of said Section 23, Township 7 North, Range 9 East, thence S70°57'55"E, 493.07 feet; thence S43°59'52"E, 331.26 feet; thence S44°08'31"E, 329.25 feet to the point of beginning, thence S44°03'53"E, 395.47 feet; thence S31°08'07" W, 40.00 feet; thence southwesterly 100.84 feet along the arc of a curve to the right having a radius of 155.00 feet and long chord bearing S42°03'27"W, 99.07 feet; thence N34°49'08"W, 317.16 feet; thence N32°40'27"W, 101.40 feet; thence N45°58'41"E, 66.54 feet to the point of beginning.

COPY

561326

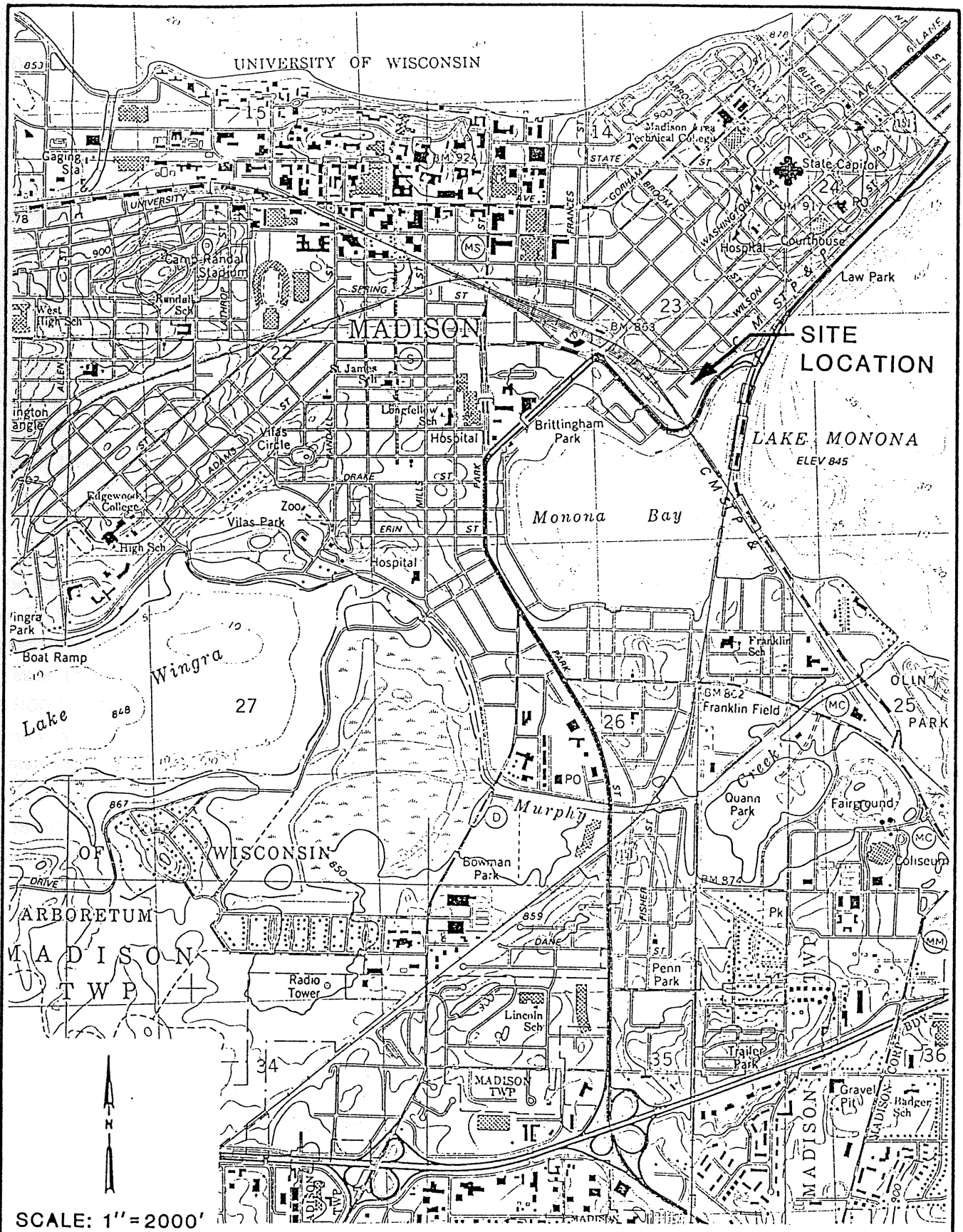


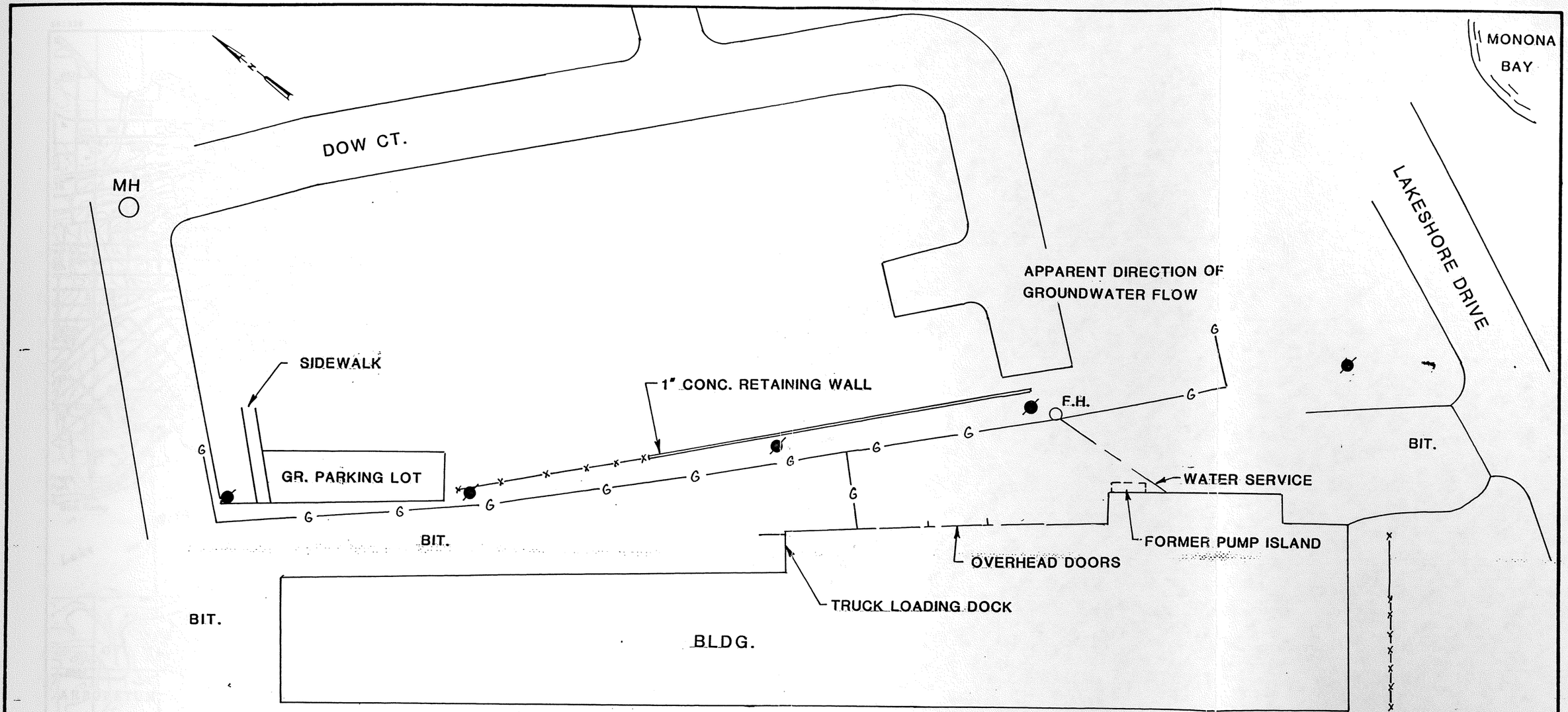
FIGURE 2.01-2

AJ SWEET
LUST INVESTIGATION

SITE LOCATION MAP

STRAND ASSOCIATES, INC ENGINEERS

341-921-2A



LEGEND

- M.W.2 MONITORING WELL
- B-8 SOIL BORING
- FENCE
- GAS LINE
- UTILITY POLE
- BIT. BITUMINOUS PAVEMENT
- MH MANHOLE
- F.H. FIRE HYDRANT

SCALE: 1" = 40' (DOW CT. AND RAILROAD AREA N.T.S.)

NOTES: ELEVATIONS SHOWN ARE FEET ABOVE MEAN SEA LEVEL, MEASURED ON 10/22/90

A.J. SWEET

LUST INVESTIGATION

STRAND ASSOCIATES, INC ENGINEERS

FIGURE 2.01-1
SITE MAP

341-921-1B

MASTER BLUE PRINT INC. 569735

N

LAKESHORE DR.

1' CONC. RET. WALL

B=3,920
E=1,500
T=1,430
X=6,750
1,2-DCA=93.6
HNU=39 ppm

F.H.

M.W.4

TPH=N.D.
HNU=32 ppm

B-11

M.W.1

VOCs=N.D.
HNU=0 ppm

B-7

B-5

B-6
HNU=200 ppm

B-3
HNU=1.5 ppm

B-1

BIT

TPH=N.D.
HNU=290 ppm

M.W.2 B-9
B=3.94
E=BMQL
T=N.D.
X=3.79
1,1,2-TCA=2.29
HNU=0.5 ppm

B-8

B-2
HNU=2.5 ppm

USTs

B-4
HNU=320 ppm

TPH=3,490 ppm
HNU=310 ppm

FORMER PUMP ISLAND

OVERHEAD DOORS

TRUCK LOADING DOCK

M.W.3

B-10
VOCs=N.D.
HNU=0 ppm

BLDG.

LEGEND

- MONITORING WELL
- SOIL BORING

NOTES

BETX = BENZENE, ETHYLBENZENE, TOLUENE, AND XYLENE
TCA = TRICHLOROETHANE
DCA = DICHLOROETHANE
VOC = VOLATILE ORGANIC COMPOUND
TPH = TOTAL PETROLEUM HYDROCARBON
N.D. = NOT DETECTED
ALL CONCENTRATIONS IN ppb UNLESS OTHERWISE NOTED.

NO SCALE

A.J. SWEET
LUST INVESTIGATION

STRAND ASSOCIATES, INC. ENGINEERS

FIGURE 3
SATURATED SOIL AND GROUNDWATER RESULTS

DOW CT.

MONONA BAY

LAKESHORE DRIVE

MH

APPARENT DIRECTION OF GROUNDWATER FLOW

B-15

MW-6 (845.45)

SIDEWALK

1" CONC. RETAINING WALL

F.H.

M.W.4 (845.43)

M.W.1 (845.46)

B-11

B-7

B-6

B-5

B-3

B-1

WATER SERVICE

BIT.

GR. PARKING LOT

USTs

B-2

B-4

M.W.2

B-9

(845.50)

845.50

B-8

FORMER PUMP ISLAND

M.W.3 (845.83)

B-10

OVERHEAD DOORS

845.60

845.70

845.80

TRUCK LOADING DOCK

BIT.

BLDG.

B-13

B-14

B-12

DUMPSTER

MW-5

RAILROAD TRACKS

TREES & BRUSH

FINDORFF EQUIP. YARD

LEGEND

- M.W.2 MONITORING WELL
- B-8 SOIL BORING
- FENCE
- GAS LINE
- UTILITY POLE
- BIT. BITUMINOUS PAVEMENT
- MH MANHOLE
- F.H. FIRE HYDRANT

(845.83) groundwater elevation

845.60 interpolated groundwater contour

SCALE: 1" 40' (DOW CT. AND RAILROAD AREA N.T.S.)

A.J. SWEET

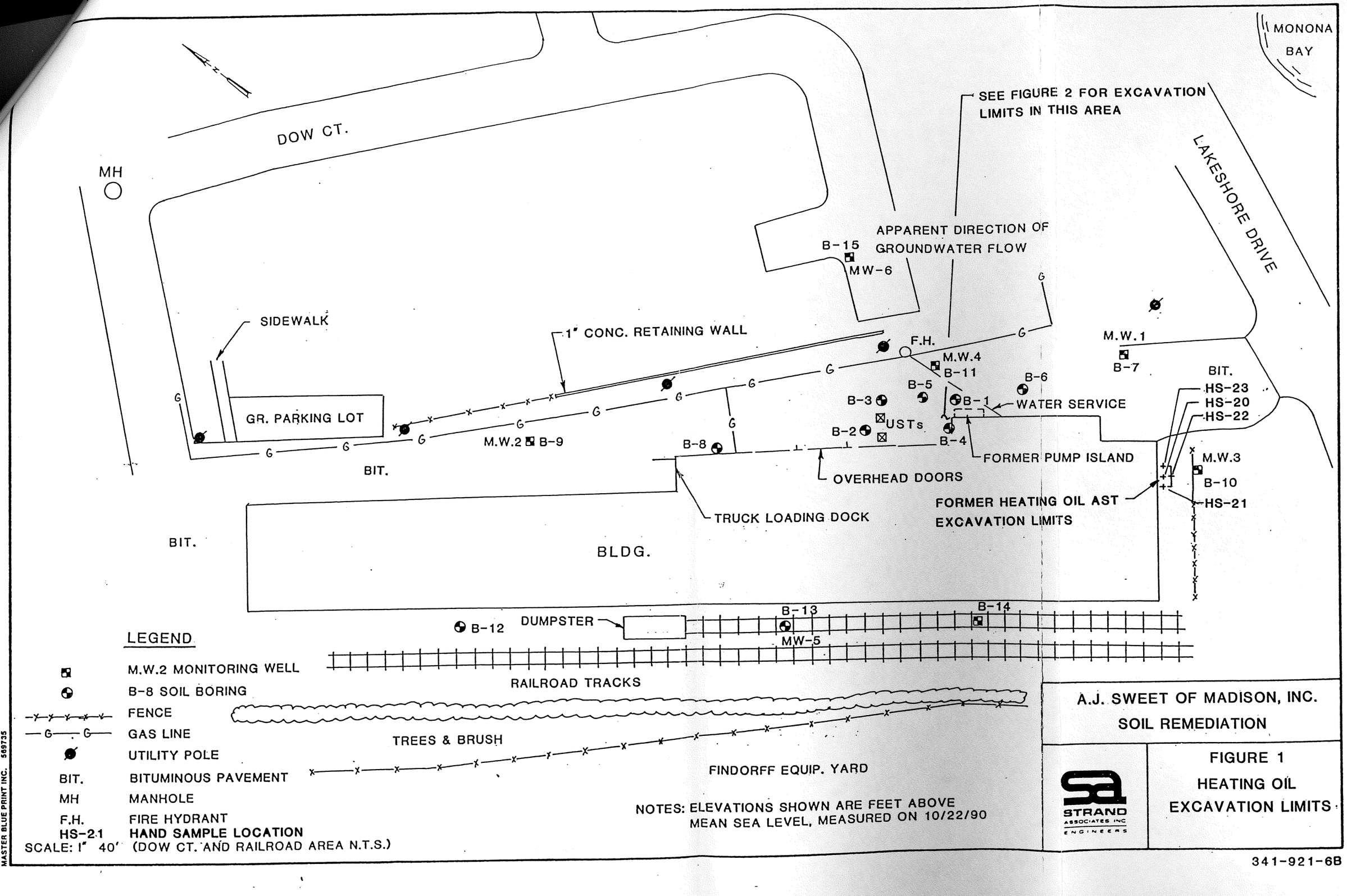
LUST INVESTIGATION

STRAND ASSOCIATES, INC ENGINEERS

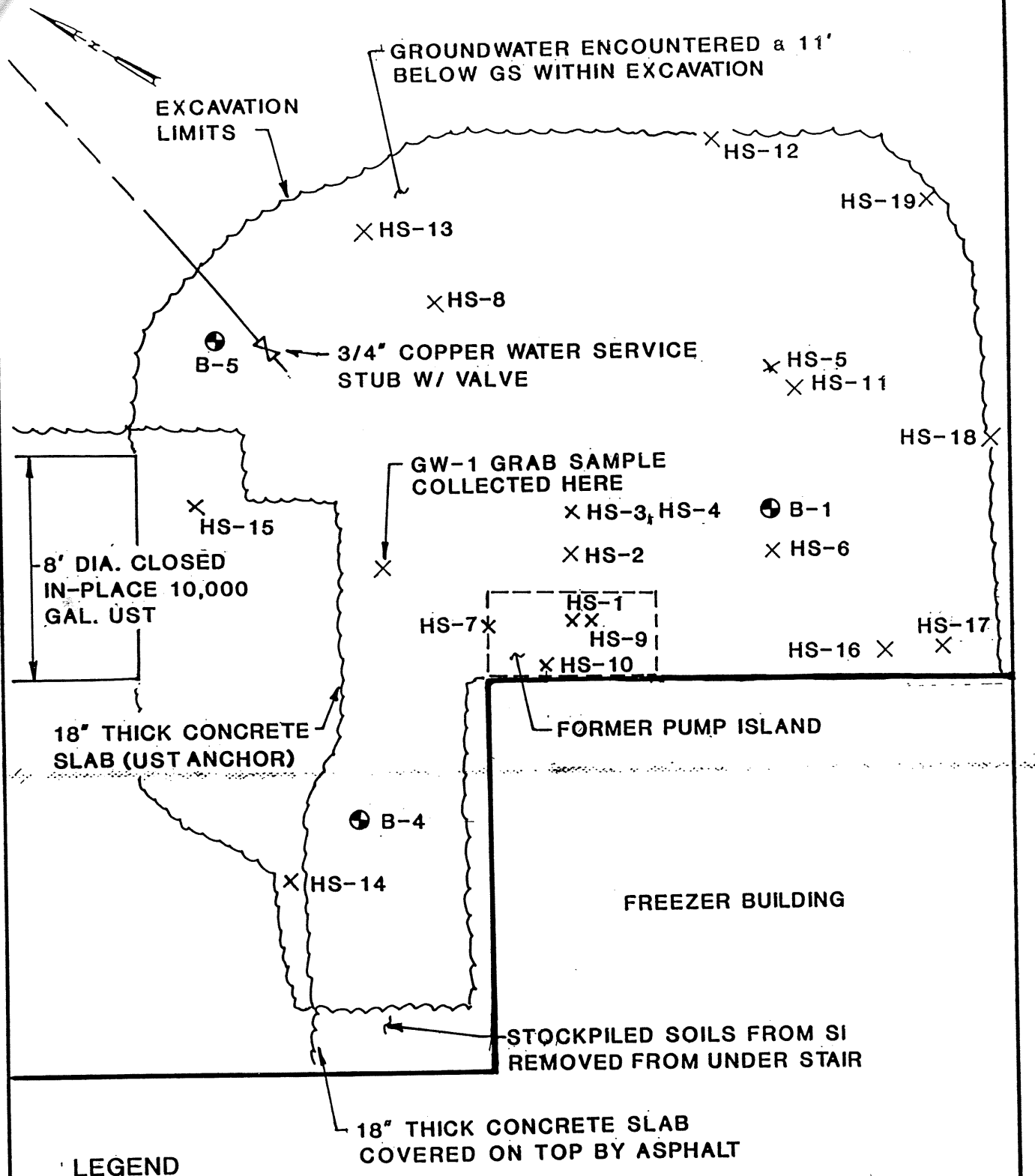
FIGURE 3.01-1
BORING AND
MONITORING
WELL LOCATIONS

341-921-3B

MASTER BLUE PRINT INC. 569735


MONONA BAY
DOW CT.
MH
SEE FIGURE 2 FOR EXCAVATION LIMITS IN THIS AREA
LAKESHORE DRIVE
APPARENT DIRECTION OF GROUNDWATER FLOW
B-15
MW-6
SIDEWALK
1" CONC. RETAINING WALL
F.H.
M.W.4
B-11
M.W.1
B-7
B-6
B-5
B-3
B-1
WATER SERVICE
BIT.
HS-23
HS-20
HS-22
GR. PARKING LOT
USTs
B-2
B-4
M.W.2
B-9
B-8
FORMER PUMP ISLAND
M.W.3
OVERHEAD DOORS
B-10
HS-21
TRUCK LOADING DOCK
FORMER HEATING OIL AST EXCAVATION LIMITS
BIT.
BLDG.
B-12
DUMPSTER
B-13
B-14
MW-5
RAILROAD TRACKS
TREES & BRUSH
FINDORFF EQUIP. YARD
LEGEND
M.W.2 MONITORING WELL
B-8 SOIL BORING
FENCE
GAS LINE
UTILITY POLE
BIT. BITUMINOUS PAVEMENT
MH MANHOLE
F.H. FIRE HYDRANT
HS-21 HAND SAMPLE LOCATION
SCALE: 1" 40' (DOW CT. AND RAILROAD AREA N.T.S.)
NOTES: ELEVATIONS SHOWN ARE FEET ABOVE MEAN SEA LEVEL, MEASURED ON 10/22/90
A.J. SWEET OF MADISON, INC.
SOIL REMEDIATION
STRAND ASSOCIATES INC ENGINEERS
FIGURE 1
HEATING OIL
EXCAVATION LIMITS
341-921-6B
MASTER BLUE PRINT INC. 569735

TERGRAPHICS 577161



LEGEND

HS-3 HAND SAMPLE LOCATION

B-1 SITE INVESTIGATION SOIL BORING

SCALE: 1" = 5'

FIGURE 2 DRWG. NO. 341-921-7A	A.J. SWEET OF MADISON, INC. SOIL REMEDIATION GASOLINE EXCAVATION LIMITS	STRAND ASSOCIATES, INC ENGINEERS

TABLE 2

SOIL ANALYTICAL RESULTS
UST SITE REMEDIATION

A.J. SWEET OF MADISON, INC.

Sample No. Collection Depth (ft)	HS-3[1] 8.0	HS-10[1] 9.0	HS-12[1] 8.0	HS-13[1] 8.0	HS-14[1] 10.0	HS-15[1] 10.0	HS-17[2] 9.0	HS-18[2] 8.5[1]	HS-20[2] 5.0	Soil Cleanup Limits[3] or Recommended Cleanup Limits[4]
Parameter:										
GRO, mg/kg	5,000	1,100	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	100
DRO, mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<2.7	100
Lead, mg/kg	69	14	<2.5	<2.5	NA	NA	5.5	<2.8	NA	50
Arsenic, mg/kg	5.0	NA	NA	NA	NA	NA	NA	NA	NA	0.039
Cadmium, mg/kg	1.5	NA	NA	NA	NA	NA	NA	NA	NA	8
Chromium, mg/kg	11	NA	NA	NA	NA	NA	NA	NA	NA	14 (hexavalent) 16,000 (trivalent)
Detected PVOCs, µg/kg:										
Benzene	<4,100	890	<20	<20	<20	<20	<20	<20	<20	5.5
Ethylbenzene	93,000	22,000	<12	<12	<12	<12	<12	<12	<12	2,900
Toluene	100,000	29,000	<11	<11	37	<11	<11	<11	<11	1,500
1,3,5-Trimethylbenzene	11,000	18,000	<17	<17	<17	<17	<17	<17	<17	--
1,2,4-Trimethylbenzene	32,000	58,000	<14	<14	<14	<14	<14	<14	<14	--
M/P - Xylene	44,000	85,000	<24	<24	47	41	<24	<24	<24	4,100
O - Xylene	19,000	35,000	<15	<15	<15	<15	<15	<15	<15	4,100
Detected PAHs, µg/kg:										
Acenaphthylene	NA	NA	NA	NA	NA	NA	NA	NA	2.5	(960)
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	<2.0	(5,000,000)
Benzo(a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	6.1	(88)

341-926/BJL:mmh/090396/RPT/AJ-TABLE.2

TABLE 2 (Continued)

Sample No. Collection Depth (ft)	HS-3[1] 8.0	HS-10[1] 9.0	HS-12[1] 8.0	HS-13[1] 8.0	HS-14[1] 10.0	HS-15[1] 10.0	HS-17[2] 9.0	HS-18[2] 8.5[1]	HS-20[2] 5.0	Soil Cleanup Limits[3] or Recommended Cleanup Limits[4]
Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	9.5	(8.8)
Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	10	(88)
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA	NA	15	(880)
Benzo(k)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	3.9	(880)
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	6.6	(8,800)
Dibenzo(a,h)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	4.8	(1.8)
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	17	(600,000)
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	<1.4	(600,000)
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	21	(88)
Methyl-1-Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	<1.3	(8,800)
Methyl-2-Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	<1.4	(8,800)
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	<1.4	(2,500)
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	8.5	(880)
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	13	(500,000)

Notes:

1 Samples collected on July 24, 1996.
2 Samples collected July 25, 1996.
3 The 100 mg/kg DRO and GRO soil cleanup limit (NR 720) applies to sites with saturated soil hydraulic conductivity $>1 \times 10^{-6}$ cm/sec.
4 Recommended cleanup limits (RCL) are in parentheses.

SCL or RCL exceedance.
-- No SCL or RCL at this time.
< Less than the detection limit.
NA Not analyzed.

TABLE 3

GROUNDWATER ANALYTICAL RESULTS
UST SITE REMEDIATION

A.J. SWEET OF MADISON, INC.

Compound	GW-1	ES	PAL
Detected VOCs, µg/L:			
Benzene	720	5	0.5
Ethylbenzene	3,400	700	140
o-Xylene/Styrene	6,000	620 (Xylene)	124 (Xylene)
m and p-Xylene	14,000	620 (Xylene)	124 (Xylene)
Toluene	12,000	343	68.6
1,2,4-Trimethylbenzene	4,300	--	--
1,3,5-Trimethylbenzene	1,000	--	--
n-Propylbenzene	440	--	-
Naphthalene	1,000	40	8
Total Detected VOCs	42,860		

Notes:

Grab sample GW-1 collected from open excavation on July 24, 1996. Sample was highly turbid.

ES Wisconsin Administrative Code Chapter NR 140 Enforcement Standard.
PAL Wisconsin Administrative Code Chapter NR 140 Preventative Action Limit.
-- No ES or PAL in place at this time.
ES exceedance.

341-926/BJL:mmh/090496/RPT/AJ-TABLE.3

TABLE 4

GROUNDWATER ANALYTICAL RESULTS

A.J. SWEET OF MADISON, INC. REMEDIATION

Compound	MW-1	MW-2	MW-3	MW-4	MW-4 Duplicate	MW-5	MW-6	ES	PAL
Detected VOCs, μg/L:									
Benzene	<5.1	<0.26	<0.26	5.7	1.9	<0.26	<0.26	5	0.5
Ethylbenzene	<5.5	<0.28	<0.28	1.3	0.48	<0.28	<0.28	700	140
Toluene	<5.1	<0.26	<0.26	1.1	0.52	<0.26	<0.26	343	68.6
m- and p-Xylene	<12	<0.58	<0.58	4.0	1.5	<0.58	<0.58	620[1]	124[1]
o-Xylene/Styrene	<5.4	<0.27	<0.27	1.4	0.54	<0.27	<0.27	620[1]	124[1]
1,3,5-Trimethylbenzene	<7.6	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	--	--
1,2,4-Trimethylbenzene	5.9	<0.12	<0.12	1.9	0.87	<0.12	<0.12	--	--
n-Propylbenzene	<6.2	<0.31	<0.31	0.33	<0.31	<0.31	<0.31	--	--
1,1-Dichloroethane	21	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	850	85
1,1,1-Trichloroethane	120	<0.32	5.9	<0.32	<0.32	<0.32	<0.32	200	40
1,1,2-Trichloroethane	<5.6	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	5	0.5
n-Butylbenzene	<4.1	<0.21	<0.21	0.40	0.23	<0.21	<0.21	--	--
Naphthalene	43	<0.36	<0.36	3.5	2.0	<0.36	<0.36	40	8
Dichlorodifluoromethane	<5.1	0.73	<0.26	<0.26	<0.26	<0.26	<0.26	1000	200

Notes:

[1] Standards are for total xylenes (m, p, and o).

ES Wisconsin Administrative Code Chapter NR140 Enforcement standard (ES).

PAL Wisconsin Administrative Code Chapter NR140 Preventive action limit (PAL).

▒ Enforcement standard exceedance.

-- No ES or PAL in place at this time.

< Less than detection limit shown.

Groundwater samples collected on June 12, 1996

341-926/BJL:mmh/090496/RPT/AJ-TABLE.4

Table 2

A.J. Sweet of Madison, Inc.

Groundwater Monitoring Results

Project No.: 341-927
WDNR Project No.: Dane County LUST #425
Site Location 639 West Wilson St., Madison, WI 53704
Well Number: **MW-1**
Grd Elevation: 856.59
PVC Elevation: 856.25
Top of Screen Elevation:

Sample Round No.		1	2	3	4	5	6	7	8
Date Sampled:		Oct-90	Jun-94	Jun-96	Oct-96	Mar-97	May-97	Aug-97	Nov-97
Month:		1	45	69	73	78	80	83	86
VOCs (ug/L)	ES/PAL								
BENZENE	5/0.5	ND	ND	ND	ND	NS	ND	ND	ND
ETHYLBENZENE	700/140	ND	ND	ND	ND	NS	ND	ND	ND
TOLUENE	343/68.6	ND	ND	ND	4.6	NS	ND	ND	ND
m&p-XYLENE	620/124'	ND*	ND	ND	ND	NS	ND	ND	ND
o-XYLENE	620/124'	ND*	ND	ND	ND	NS	ND	ND	ND
TOTAL DETECTED BETX	x	0	0	0	4.6	0	0	0	0
NAPHTHALENE	40/8	NA	86	43	**20**	NS	**13**	4.9	**18**
1,2,4-TMB	NS	NA	9.0	5.9	11	NS	ND	ND	2.8
1,3,5-TMB	NS	NA	8.5	ND	12	NS	1.0	ND	3.0
ISOPROPYLBENZENE	NS	NA	5.4	ND	ND	NS	ND	ND	ND
n-PROPYLBENZENE	NS	NA	ND	ND	ND	NS	ND	ND	1.0
sec-BUTYLBENZENE	NS	NA	9.6	ND	9.9	NS	2.9	2.5	6.5
n-BUTYLBENZENE	NS	NA	11	ND	ND	NS	ND	ND	7.9
1,1-DCA	850/85	ND	61	21	45	NS	12	38	20
1,2-DCA	5/0.5	ND	ND	ND	ND	NS	ND	ND	ND
1,1,1-TCA	200/40	ND	7.9	**120**	**140**	NS	**110**	**78**	**90**
1,1-DCE	7/0.7	ND	ND	ND	ND	NS	ND	ND	**0.95**
p-ISOPROPYLTOLUENE	NS	ND	ND	ND	ND	NS	ND	ND	1.5
TOTAL DETECTED VOCS		0	198.4	189.9	242.5	NS	138.9	123.4	151.7

ES = Wisconsin Administrative Code Chapter NR 140 Groundwater Enforcement Standard (exceedances are shaded)
PAL = Wisconsin Administrative Code Chapter NR 140 Groundwater Preventive Action Limit (exceedances are in bold font)
ND = Not Detected
NA = Not Analyzed
NS = No Standards currently exist for this compound
* Sample analyzed for total xylenes ' Standard is for total xylenes

Table 3

A.J. Sweet of Madison, Inc.

Groundwater Monitoring Results

Project No.:	341-927
WDNR Project No.:	Dane County LUST #425
Site Location	639 West Wilson St., Madison, WI 53704
Well Number:	**MW-1**
Grd Elevation:	856.59
PVC Elevation:	856.25
Top of Screen Elevation:	

Sample Round No.		1	2	3	4
Date Sampled:		Mar-97	May-97	Aug-97	Nov-97
Month:		1	3	6	9
Natural Attenuation Parameters	ES/PAL				
FERROUS IRON (mg/L)	0.3/0.15	NA	ND	0.11	0.32
NITRATE/NITRITE as N	10/2	NA	1.8	**4.7**	**5.1**
SULFATE as SO4 (mg/L)	250/125	NA	290	330	250
TEMPERATURE (Celsius)	NS	NA	11	16.5	12
pH	NS	NA	7.2	-	6.4
DSLVD OXYGEN (mg/L)	NS	NA	3.7	3.6	1.6
REDOX POTENTIAL (mV)	NS	NA	131	-	132

ES = Wisconsin Administrative Code Chapter NR 140 Groundwater Enforcement Standard (exceedances are shaded)
PAL = Wisconsin Administrative Code Chapter NR 140 Groundwater Preventive Action Limit (exceedances are in bold font)
ND = Not Detected
NA = Not Analyzed
NS = No Standards currently exist for this compound
Note: Total iron ES/PAL are indicated (there is no standard for ferrous iron). Total iron and sulfate standards are based on public welfare (aesthetic), not public health.

Table 4

A.J. Sweet of Madison, Inc.

Groundwater Monitoring Results

Project No.: 341-927
WDNR Project No.: Dane County LUST #425
Site Location 639 West Wilson St., Madison, WI 53704
Well Number: **MW-4**
Grd Elevation: 858.02
PVC Elevation: 857.77
Top of Screen Elevation:

Sample Round No.		1	2	3	4	5	6	7	8
Date Sampled:		Oct-90	Jun-94	Jun-96	Oct-96	Mar-97	May-97	Aug-97	Nov-97
Month:		1	45	69	73	78	80	83	86
VOCs (ug/L)	ES/PAL								
BENZENE	5/0.5	3920	9.9	5.7	**1.5**	**4.4**	19	**2.1**	**3.4**
ETHYLBENZENE	700/140	1500	66	1.3	ND	ND	1.4	ND	ND
TOLUENE	343/68.6	1430	ND	1.1	0.31	0.57	2.6	ND	ND
m&p-XYLENE	620/124'	6750	6	4	ND	2.6	78	0.92	ND
o-XYLENE	620/124'	6750	ND	1.4	ND	ND	0.62	ND	ND
TOTAL DETECTED BETX	x	13600	81.9	13.5	1.81	7.57	101.62	3.02	ND
NAPHTHALENE	40/8	NA	**34**	3.5	ND	2.2	0.33	2.3	1.1
1,2,4-TMB	NS	NA	200	1.9	ND	0.54	8.1	1.9	0.28
1,3,5-TMB	NS	NA	ND	ND	ND	ND	ND	1.5	ND
ISOPROPYLBENZENE	NS	NA	9.4	ND	ND	0.61	1.1	0.38	ND
n-PROPYLBENZENE	NS	NA	ND	0.33	ND	0.81	0.85	0.42	0.38
sec-BUTYLBENZENE	NS	NA	ND	ND	ND	ND	ND	0.24	0.41
n-BUTYLBENZENE	NS	NA	3.4	0.4	1.5	0.36	ND	0.55	0.54
p-ISOPROPYLTOLUENE	NS	NA	2.1	ND	ND	ND	ND	0.61	ND
MTBE	60/12	NA	1.4	ND	1.9	ND	ND	0.67	ND
ISOPROPYL ETHER	NS	NA	4.5	ND	ND	ND	ND	ND	ND
1,1-DCA	850/85	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DCA	5/0.5	93.6	ND	ND	ND	ND	ND	ND	ND
1,1,1-TCA	200/40	ND	ND	ND	ND	0.50	ND	1.0	ND
TOTAL DETECTED VOCS		13693.6	336.7	19.6	5.2	12.6	112.0	12.6	2.7

ES = Wisconsin Administrative Code Chapter NR 140 Groundwater Enforcement Standard (exceedances are shaded)
PAL = Wisconsin Administrative Code Chapter NR 140 Groundwater Preventive Action Limit (exceedances are in bold font)
ND = Not Detected
NA = Not Analyzed
NS = No Standards currently exist for this compound ' Limit is for total xylenes

Table 5

A.J. Sweet of Madison, Inc.

Groundwater Monitoring Results

Project No.:	341-927
WDNR Project No.:	Dane County LUST #425
Site Location	639 West Wilson St., Madison, WI 53704
Well Number:	**MW-4**
Grd Elevation:	858.02
PVC Elevation:	857.77
Top of Screen Elevation:	

Sample Round No.		1	2	3	4
Date Sampled:		Mar-97	May-97	Aug-97	Nov-97
Month:		1	3	6	9
Natural Attenuation Parameters	ES/PAL				
FERROUS IRON (mg/L)	0.3/0.15	4.7	ND	0.61	6.6
NITRATE/NITRITE as N	10/2	0.911	**2.0**	**3.7**	0.27
SULFATE as SO4 (mg/L)	250/125	100	61	120	110
TEMPERATURE (Celsius)	NS	9.0	10.0	17.0	11
pH	NS	6.8	7.1	-	6.8
DSLVD OXYGEN (mg/L)	NS	2.3	3.6	3.5	2.6
REDOX POTENTIAL (mV)	NS	294	50	-	-1

ES = Wisconsin Administrative Code Chapter NR 140 Groundwater Enforcement Standard (exceedances are shaded)
PAL = Wisconsin Administrative Code Chapter NR 140 Groundwater Preventive Action Limit (exceedances are in bold font)
ND = Not Detected
NA = Not Analyzed
NS = No Standards currently exist for this compound
Note: Total iron ES/PAL are indicated (there is no standard for ferrous iron). Total iron and sulfate standards are based on public welfare (aesthetic), not public health.

Table 1

A.J. Sweet of Madison, Inc.

Groundwater Elevation Results

Project No.: 341-927

WDNR Project No.: Dane County LUST #425

Site Location 639 West Wilson St., Madison, WI 53704

Monitoring Well	Top of Casing Elevation (ft above msl)	Groundwater Elevation (10/17/90)	Groundwater Elevation (7/8/94)	Groundwater Elevation (10/23/96)	Groundwater Elevation (3/10/97)	Groundwater Elevation (5/22/97)	Groundwater Elevation (8/20/97)	Groundwater Elevation (11/18/97)
MW-1	856.25	842.11	846.42	846.58	NA	846.98	846.97	845.46
MW-2	862.15	842.06	846.51	846.47	NA	847.08	847.04	845.50
MW-3	859.06	842.31	846.75	NA	847.47	847.23	847.23	845.83
MW-4	857.77	842.12	846.42	846.41	847.09	846.93	846.93	845.43
MW-5	862.18	NA	846.54	NA	NA	NA	NA	NA
MW-6	864.36	NA	846.41	NA	847.14	847.01	846.99	845.45

NA = Not Available

Top of Casing Elevations were resurveyed on 7/8/94.