

GIS REGISTRY

Cover Sheet

May, 2009
(RR 5367)

Source Property Information

BRRTS #: 02-13-198739

ACTIVITY NAME: TERMINAL OIL GROUP

PROPERTY ADDRESS: 3910 Terminal Dr

MUNICIPALITY: Madison

PARCEL ID #: 113004540

CLOSURE DATE: Jul 27, 2009

FID #: 113004540

DATCP #:

COMM #: 53704695210

*WTM COORDINATES:

X: 576695 Y: 285667

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

WTM COORDINATES REPRESENT:

Approximate Center Of Contaminant Source

Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

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

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

Contamination in ROW

Off-Source Contamination

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

Land Use Controls:

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*

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

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

BRRTS #: PARCEL ID #:
ACTIVITY NAME: WTM COORDINATES: X: Y:

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

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

SOURCE LEGAL DOCUMENTS

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

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

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

- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.
Figure #: 1 Title: Site Location Map
- Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: --&2 Title: Aerial Photograph Zoom In & Site Plan (BT2)
- 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 #: #3A Title: Aerial Map/Soil Excavation

BRRTS #: 02-13-198739

ACTIVITY NAME: Terminal Oil

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 #: A-A1

Title:

B-B1

Figure #:

Title:

Cross Sections Post Excavation (2Figs)

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:

Isoconcentraions 1/21/09 (7 Figs.)

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

Figure #:

--

Title:

Groundwater Flow 1/21/09

Figure #:

Title:

TABLES (meeting the requirements of s. NR 716.15(2)(b)(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 #: Table 1 Title: Soil Analytical Results with sample diagrams

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 #: Table 2 Title: Summary of Groundwater Analytical

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:

Terminal Oil, Madison, WI

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).

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ACTIVITY NAME: Terminal Oil

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.

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



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Lloyd L. Eagan, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TTY Access via relay - 711

July 27, 2009

Re: 02-13-198739

Mr. Timothy Schierl
Terminal Oil Group Ltd.
2201 Madison Street
Stevens Point, WI 54481

Subject: Final Case Closure
Terminal Oil Group, 3910 Terminal Drive, Madison

Dear Mr. Schierl:

On April 22, 2009, the South Central Region Closure Committee reviewed the reported contaminant releases from your site for closure. The releases were from the manifold/fill stand area, the underground storage tank area and an impacted area from a heating oil spill. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On April 23, 2009, you were notified that the Closure Committee had granted conditional closure to this case.

On July 8, 2009 the Department received information or documentation indicating that you have complied with the requirements for final closure. Well abandonment forms were received for the site monitoring wells and piezometer.

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

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- Groundwater contamination is present above Chapter NR 140 enforcement standards

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

Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which the current property owner and any subsequent property owners must adhere. You must pass on the information about these continuing obligations to the next property owner or owners. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code.

Residual Soil Contamination

Residual soil contamination remains at a depth of the soil/water table in portions of the excavated areas. The areas of excavation are indicated on modified Figure 2, Site Map denoted from the information submitted to the Department of Natural Resources. If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Residual Groundwater Contamination

Groundwater impacted by petroleum components contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present on this contaminated property. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program's GIS Registry at the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

Dewatering Permits

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

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

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

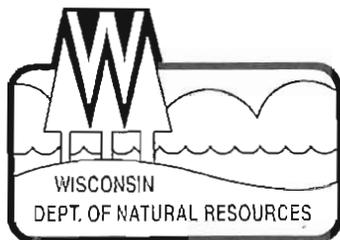
We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (608) 275-3297.

Sincerely,

A handwritten signature in black ink, appearing to read "Wendell Wojner", written over a light gray rectangular background.

Wendell Wojner
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Greg Konicek, Konicek Env. Consulting LLC, 1032 S. Spring Street, Port Washington, WI 53074
Jon Heberer, Wisconsin Department of Commerce.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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April 23, 2009

Re: 02-13-198739

Mr. Timothy Schierl
Terminal Oil Group Ltd.
2201 Madison Street
Stevens Point, WI 54481

Subject: Conditional Closure Decision with Requirements to Achieve Final Closure
Terminal Oil Group, 3910 Terminal Drive, Madison

Dear Mr. Schierl:

On April 22, 2009, the South Central Region Closure Committee reviewed your site for closure. The committee has determined that the petroleum contamination on the site from the operation of the petroleum distribution system appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wisconsin Administrative Code and will be closed if the following conditions are satisfied:

MONITORING WELL ABANDONMENT

The monitoring wells, piezometer, and temporary monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-005 found at <http://dnr.wi.gov/org/water/dwg/gw/> or provided by the Department of Natural Resources.

PURGE WATER, WASTE AND SOIL PILE REMOVAL

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

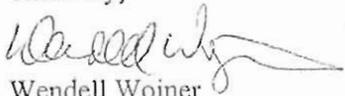
When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit the RR Sites Map page at: <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

Section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

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

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (608) 275-3297.

Sincerely,



Wendell Wojner
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Greg Konicek, Konicek Env. Consulting LLC, 1032 S. Spring Street, Port Washington, WI 53074
Jon Heberer, Wisconsin Department of Commerce.

State Bar of Wisconsin Form 2-2003
WARRANTY DEED

Document Number

Document Name

DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
4266407

12/28/2006 11:56AM

Trans. Fee: 1542.00
Exempt #:

Rec. Fee: 11.00
Pages: 1

001015

THIS DEED, made between Terminal Oil Group Ltd, a Wisconsin corporation
("Grantor," whether one or more),
and McFarland 3910 Terminal WI, LLC, a Wisconsin limited liability company
("Grantee," whether one or more).

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

A parcel of land located in Outlot Sixty-five (65), Assessor's Plat No. 2 Township of Blooming Grove, located in the Southwest 1/4 of the Northwest 1/4 of Section 27, Township 7 North, Range 10 East, in the City of Madison, Dane County, Wisconsin, more particularly described as follows: Commencing at a City of Madison brass cap concrete monument marking the West 1/4 corner of said Section 27 and the point of beginning of this description; thence North 01° 34' 07" West along the West line of said Section 27, 1301.37 feet to the Northeast corner of lands previously conveyed to the State of Wisconsin by Shell Oil Company contained in instrument recorded on March 29, 1972, as Document No. 1320941; thence North 86° 45' 26" East 261.82 feet to a point on the Westerly right-of-way line of U.S. Highway 51; thence South 16° 40' 37" East along said right-of-way line 74.32 feet; thence North 88° 52' 48" East along said right-of-way line 68.66 feet; thence South 39° 40' 20" East along said right-of-way line 786.01 feet to a point of curve; thence continue along said right-of-way line on the arc or a 1808.00 foot radius curve to the right whose long chord bears South 16° 30' 53" East 431.20 feet; thence South 88° 49' 47" West 198.32 feet; thence South 0° 46' 57" West 208.82 feet; thence South 88° 52' 01" West 739.12 feet to the point of beginning of this description.

Exceptions to warranties: municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, restrictions of record, recorded real estate mortgages, and general taxes levied in the year of closing.

Dated December 27, 2006

TERMINAL OIL GROUP LTD

(SEAL) By: William G. Schierl (SEAL)

* William G. Schierl - Secretary

(SEAL) (SEAL)

AUTHENTICATION

Signature(s) _____
authenticated on _____

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
PORTAGE _____ COUNTY)

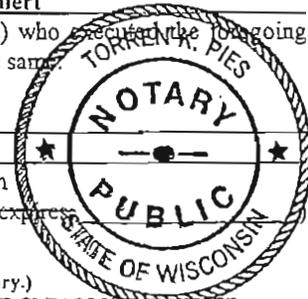
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by Wis. Stat. § 706.06)

Personally came before me on December 27, 2006,
the above-named William G. Schierl
to me known to be the person(s) who executed the foregoing
instrument and acknowledged the same.

THIS INSTRUMENT DRAFTED BY:

Torren K. Pies
1257 Main Street, Stevens Point, WI 54481

Torren K. Pies
* Torren K. Pies
Notary Public, State of Wisconsin
My Commission (is permanent) (expires _____)



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

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

WARRANTY DEED

© 2003 STATE BAR OF WISCONSIN

FORM NO. 2-2003

TKP:cpa 275327 20,700,082

* Type name below signatures.

INFO-PRO™ Legal Forms 800-655-2021 www.infoproforms.com

LOCATION SURVEY

PART OF OUTLOT 65, ASSESSOR'S PLAT No. 2 TOWNSHIP OF BLOOMING GROVE,
 LOCATED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 27, T 7 N, R 10 E,
 CITY OF MADISON, DANE COUNTY, WISCONSIN.

NORTHWEST
 CORNER OF
 SECTION 27-7-10



SCALE : ONE INCH = TWO HUNDRED FEET

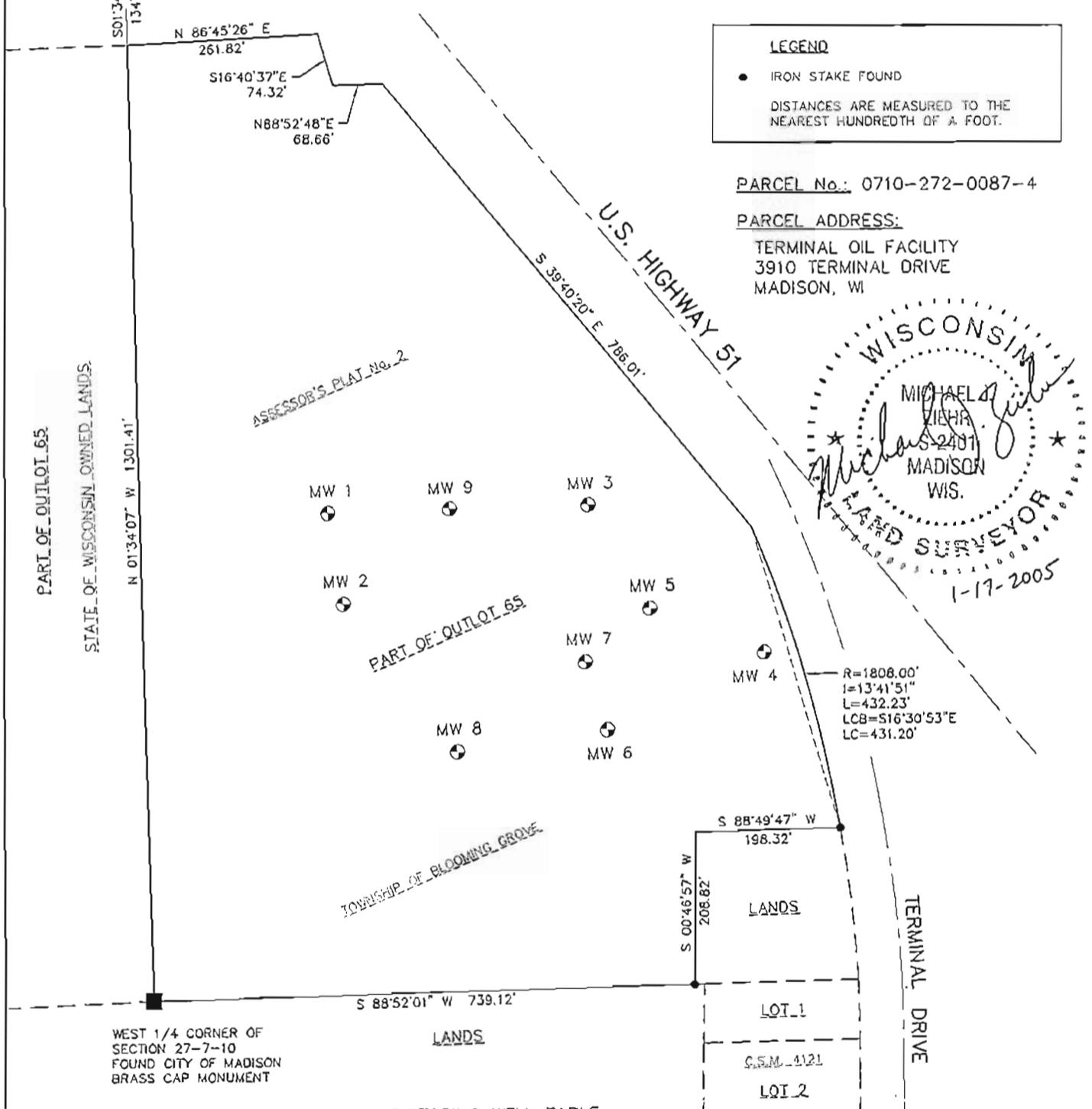
LEGEND

- IRON STAKE FOUND
- DISTANCES ARE MEASURED TO THE NEAREST HUNDREDTH OF A FOOT.

PARCEL No.: 0710-272-0087-4

PARCEL ADDRESS:

TERMINAL OIL FACILITY
 3910 TERMINAL DRIVE
 MADISON, WI



BEARINGS REFERENCED TO THE WEST LINE OF THE NW 1/4 OF SECTION 27-7-10 ASSUMED TO BEAR N 01°34'07" W.

MONITORING WELL TABLE

MW 1	- ELEV = 854.64
MW 2	- ELEV = 856.76
MW 3	- ELEV = 857.55
MW 4	- ELEV = 859.25
MW 5	- ELEV = 855.62
MW 6	- ELEV = 856.41
MW 7	- ELEV = 859.68
MW 8	- ELEV = 860.65
MW 9	- ELEV = 856.68

NOTE:
 BENCHMARK IS DISK IN SOUTHEAST CORNER OF BRIDGE, NORTHBOUND LANE OF U.S.H. 51 OVER TAYLOR ROAD, STRUCTURE B-13-386 ELEVATION=899.53 PER D.O.T. DOSSIER SHEET

DATE OF SURVEY: JANUARY 11, 2005

SURVEYED FOR:

KONICEK ENVIRONMENTAL CONSULTING, LLC
 1032 S. SPRING STREET
 PORT WASHINGTON, WI 53024

SURVEYED BY:

CALKINS ENGINEERING, LLC
 5010 VOGES ROAD
 MADISON, WI 53718
 (608) 838-0444

Re: GIS Case Closure Submittal
Terminal Oil
3910 Terminal Drive
Madison, WI
BRRTS# 02-13-198739

To whom it may concern:

The attached deed and legal description for the subject site is to the best of my knowledge true and correct.

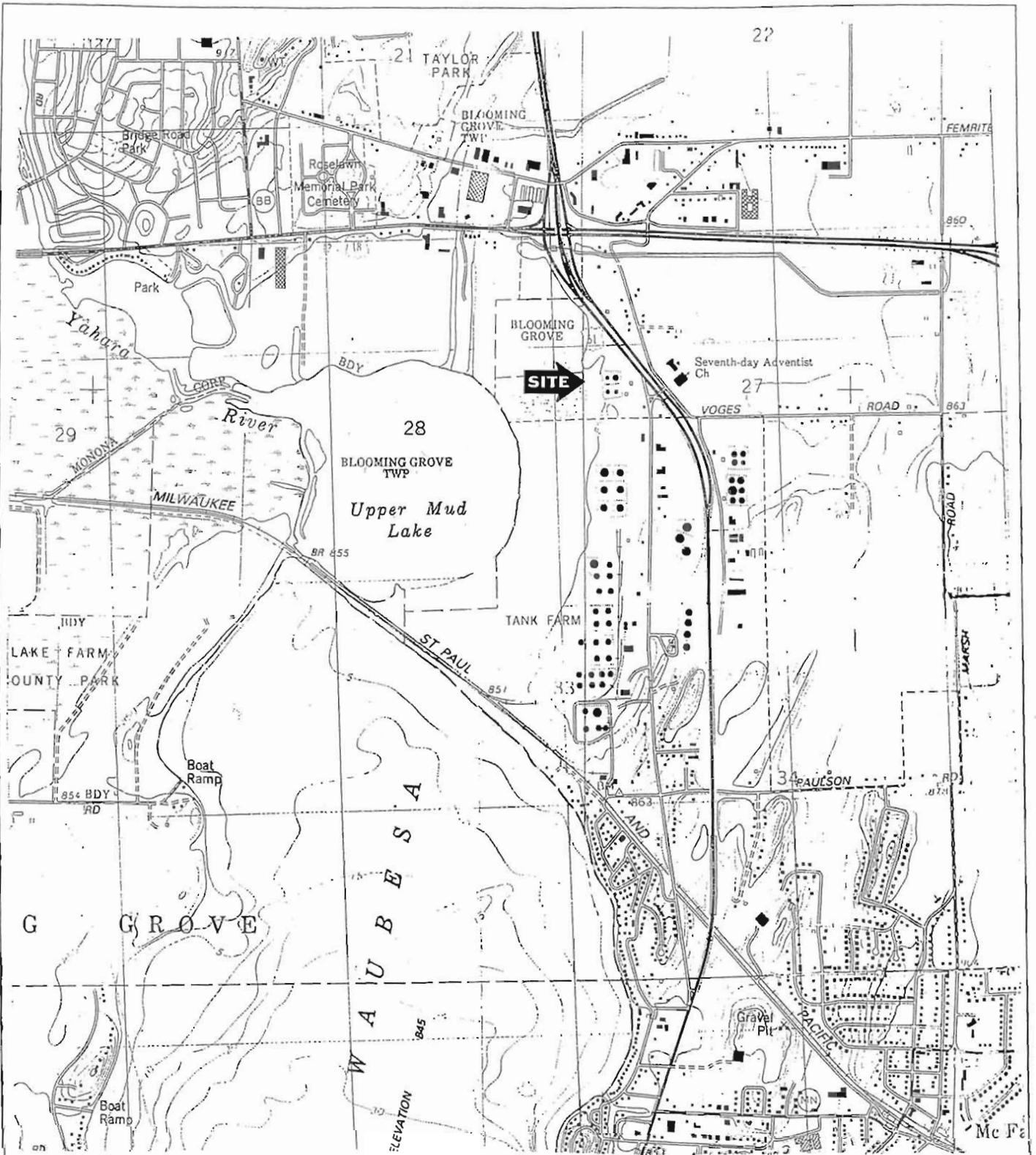
Responsible Party:

Terminal Oil Group Ltd
2201 Madison Street
Stevens Point, WI 54481



Timothy Schierl President

3/31/09 Date



SOURCE:
 USGS
 Madison East, Wisconsin
 Quadrangle Map 1983

DESIGNED BY	DATE
KEK	06/26/07
DRAWN BY	PROJECT
	0704019
APPROVED BY	SHEET NO.
KEK	1

FIGURE 1
 SITE LOCATION MAP
 SOIL EXCAVATION
 TERMINAL OIL
 3910 TERMINAL DRIVE
 MADISON, WISCONSIN

KONICEK
 ENVIRONMENTAL
 CONSULTING, LLC

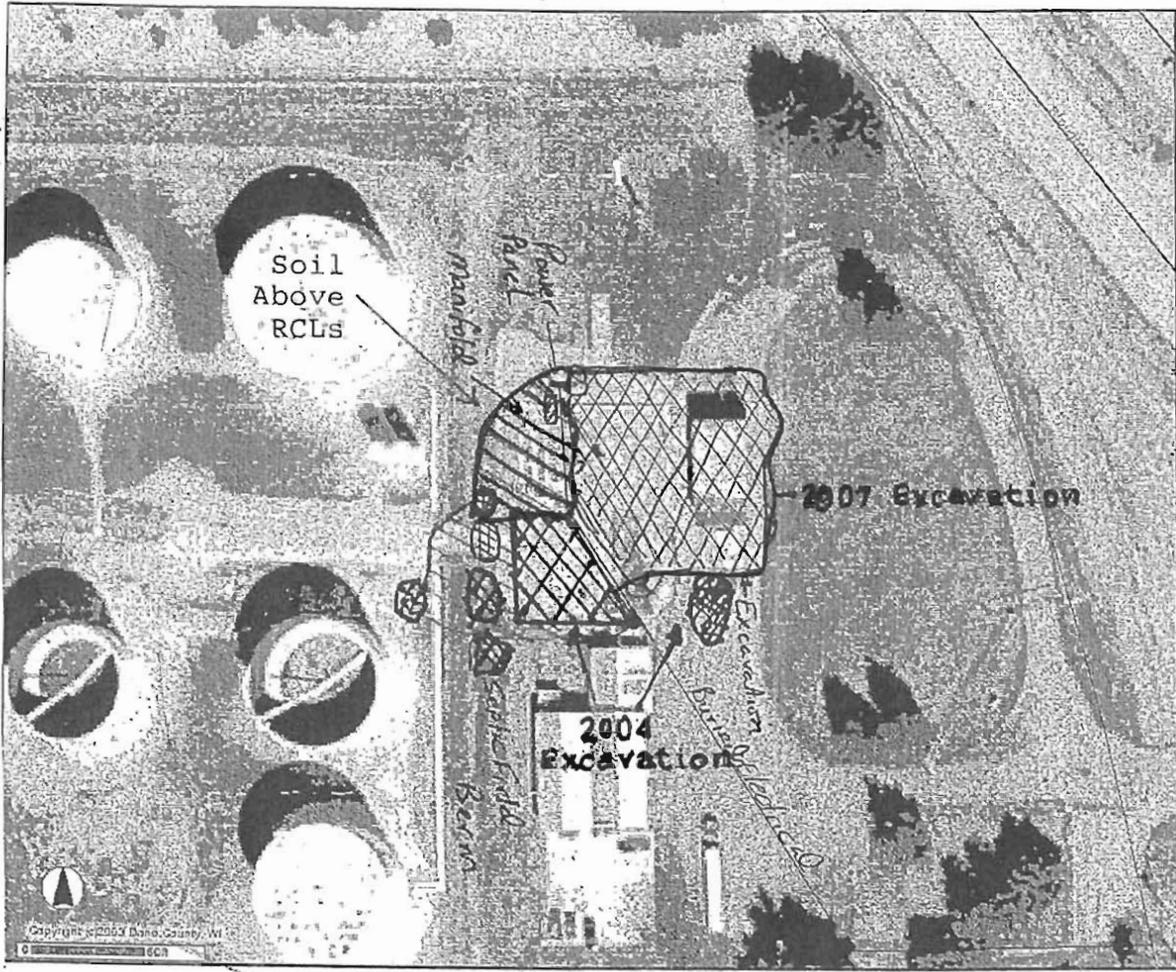


SOURCE:
On-Line

DESIGNED BY	DATE
CK	
DRAWN BY	PROJECT
APPROVED BY	SHEET NO.
KEK	1

FIGURE
Aerial Photograph Zoom In
Terminal Oil
Madison, WISCONSIN

KONICEK
ENVIRONMENTAL
CONSULTING, LLC



Estimated Extent of
Soil Above NR 720 Generic RCLs



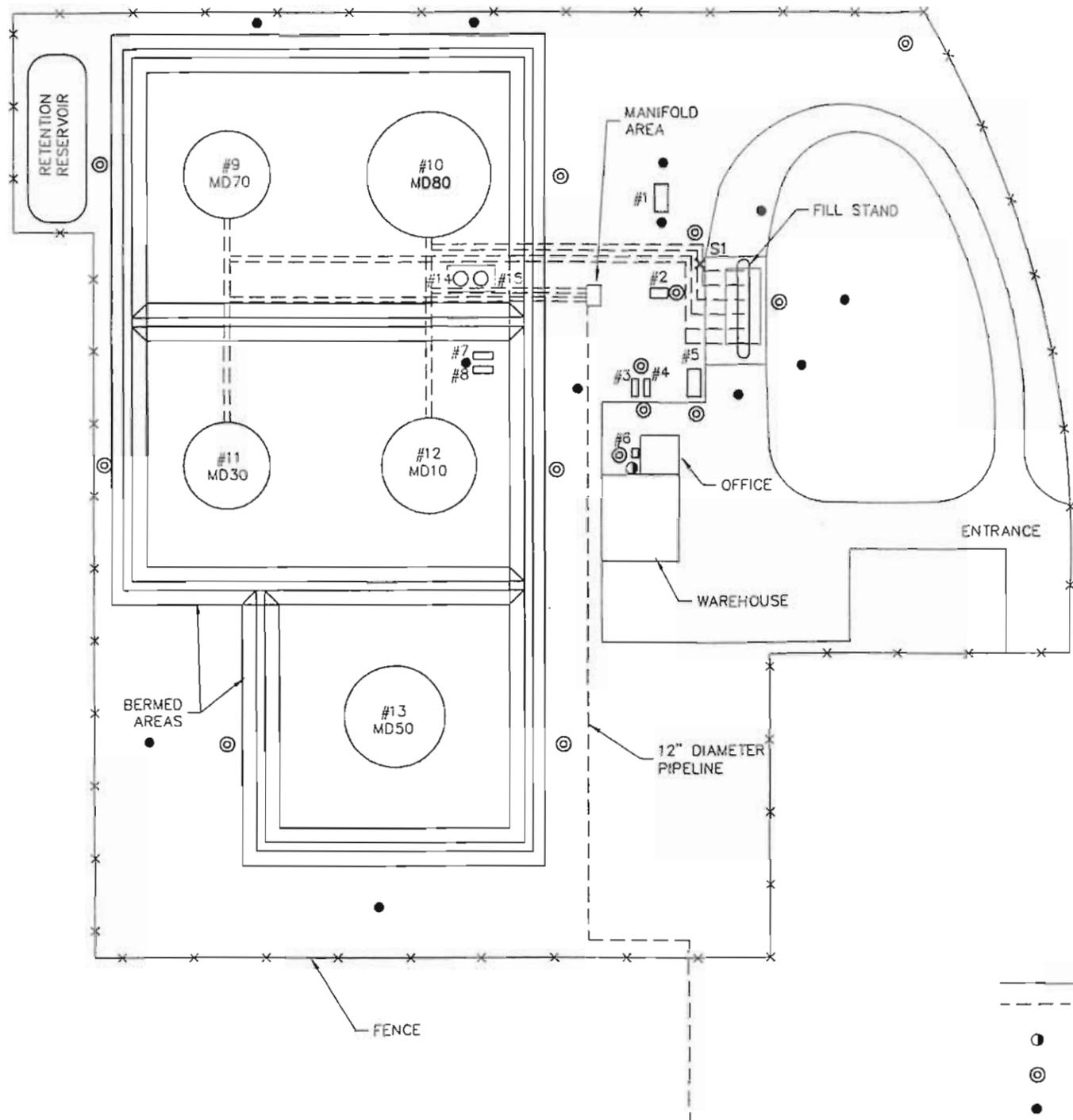
SOURCE:
Dane County LIO
2005 Aerial Photograph

DESIGNED BY	DATE
KEK	06/26/07
DRAWN BY	PROJECT -
	0704019
APPROVED BY	SHEET NO.
KEK	1

FIGURE 3A
AERIAL MAP
SOIL EXCAVATION
TERMINAL OIL
3910 TERMINAL DRIVE
MADISON, WISCONSIN

KONICEK
ENVIRONMENTAL
CONSULTING, LLC

PRE-EXCAVATION



UST LEGEND

#1	6,000-GALLON WATER FROM OIL/WATER SEPARATOR
#2	1,500-GALLON FLOW-THROUGH PROCESS TANK FOR OIL/WATER SEPARATOR
#3	1,000-GALLON GASOLINE ADDITIVE
#4	1,000-GALLON GASOLINE ADDITIVE
#5	10,000-GALLON GASOLINE ADDITIVE
#6	500-GALLON HEATING OIL
#7	2,000-GALLON WATER DRAW
#8	2,000-GALLON WATER DRAW

AST LEGEND

#9	840,000-GALLON KEROSENE
#10	1,680,000-GALLON DIESEL
#11	840,000-GALLON GASOLINE
#12	1,000,000-GALLON GASOLINE
#13	1,260,000-GALLON GASOLINE
#14	17,800-GALLON GASOLINE ADDITIVE
#15	17,800-GALLON GASOLINE

APPROXIMATE SCALE: 1" = 100'

LEGEND

---	PIPING RUN
●	WATER SUPPLY WELL
⊙	PROPOSED BORING (14)
●	POTENTIAL ADDITIONAL BORING (12)
x	GRAB SAMPLE S1

FIGURE 2
SITE PLAN
TERMINAL OIL
3910 TERMINAL DRIVE
MADISON, WISCONSIN

PROJECT NO. 1259
DRAWN BY: KP
CHECKED BY: KG
DRAWN: 09/15/98 REVISED: 10/16/98
J: \1259\SITE.DWG

N

20 Feet

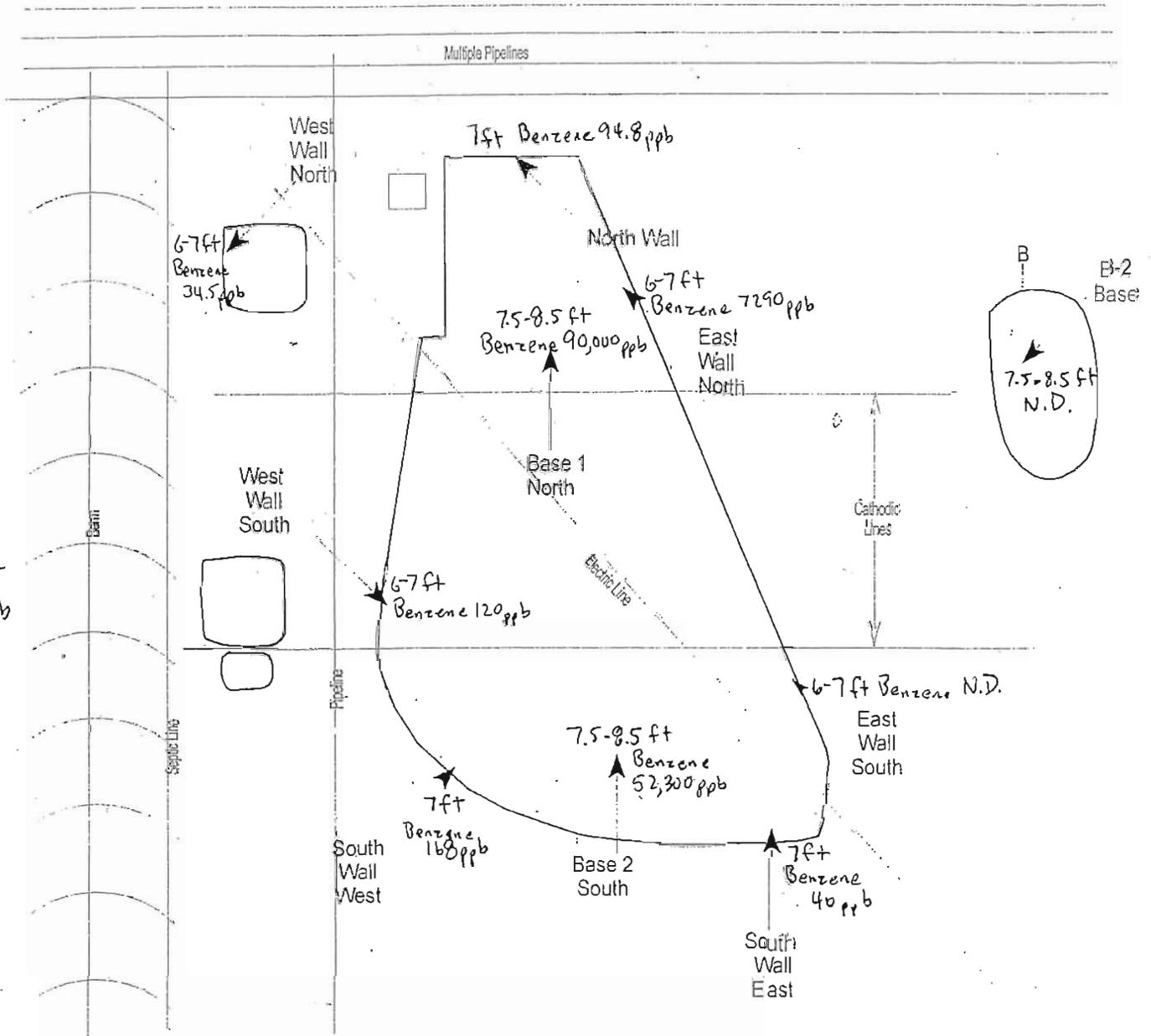
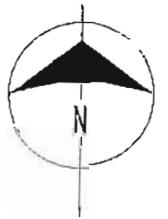
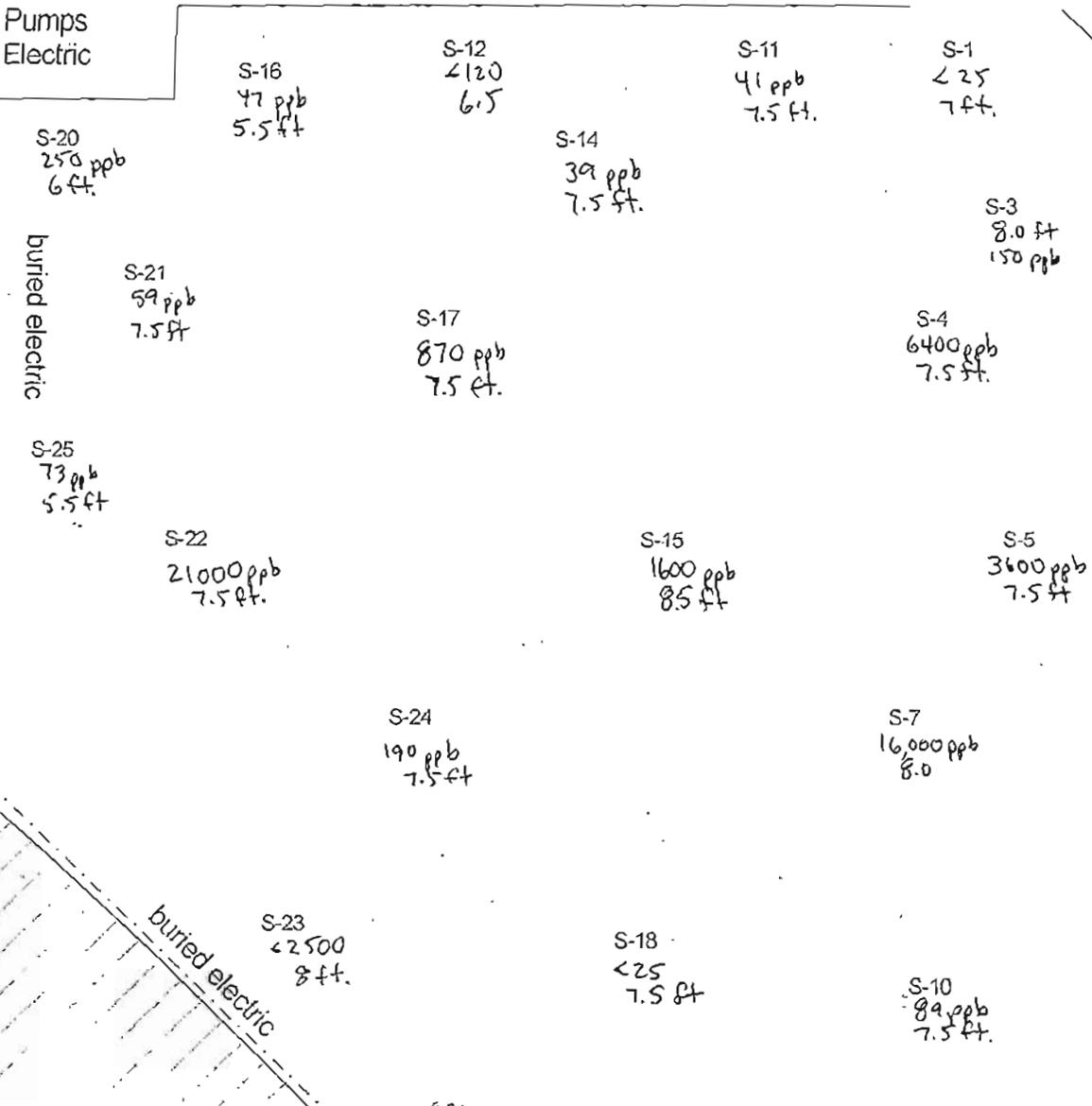
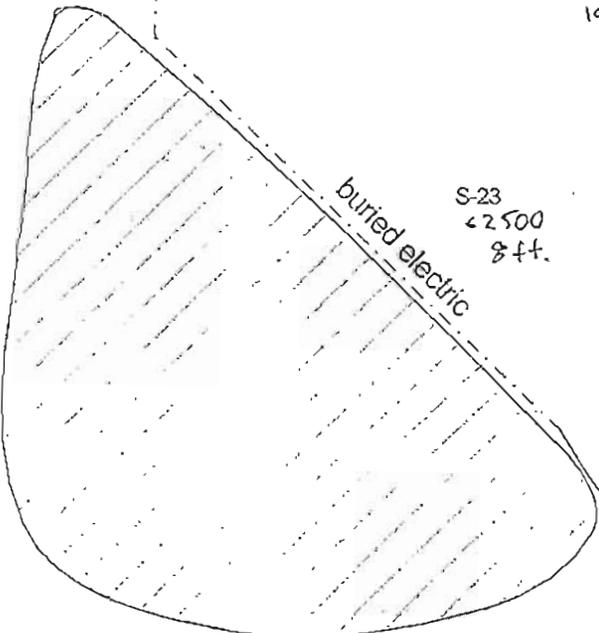
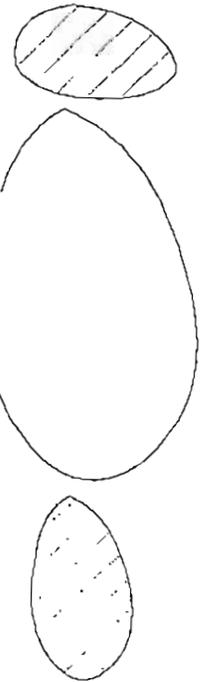


Figure 1: Sample location Terminal Oil

2007

BENZENE ppb.
manifolds

Pumps Electric



- Key**
-  2007 excavation extent
 -  2004 excavation extent
 -  buried electric

Approximate Scale
1" = 20'

Konicek Environmental Consulting, LLC

Figure 2: Soil Excavation area
Terminal Oil

created by: JMG
date: 7/3/07
revised: 7/26/07

S-16
47 ppb
5.5 ft

S-12
120
6.5

S-11
41 ppb
7.5 ft.

S-1
<25
7 ft.

S-14
39 ppb
7.5 ft.

S-3
8.0 ft
150 ppb

S-2
<25
7 ft.

S-20
250 ppb
6 ft.

buried electric

S-21
59 ppb
7.5 ft

S-17
870 ppb
7.5 ft.

S-4
6400 ppb
7.5 ft.

manifolds

S-25
73 ppb
5.5 ft

S-22
21000 ppb
7.5 ft.

S-15
1600 ppb
8.5 ft

S-5
3600 ppb
7.5 ft

S-6
140 ppb
7.0 ft

S-24
190 ppb
7.5 ft

S-7
16,000 ppb
8.0

S-8
7.0 ft
1,200 ppb

buried electric

S-23
2500
8 ft.

S-18
<25
7.5 ft

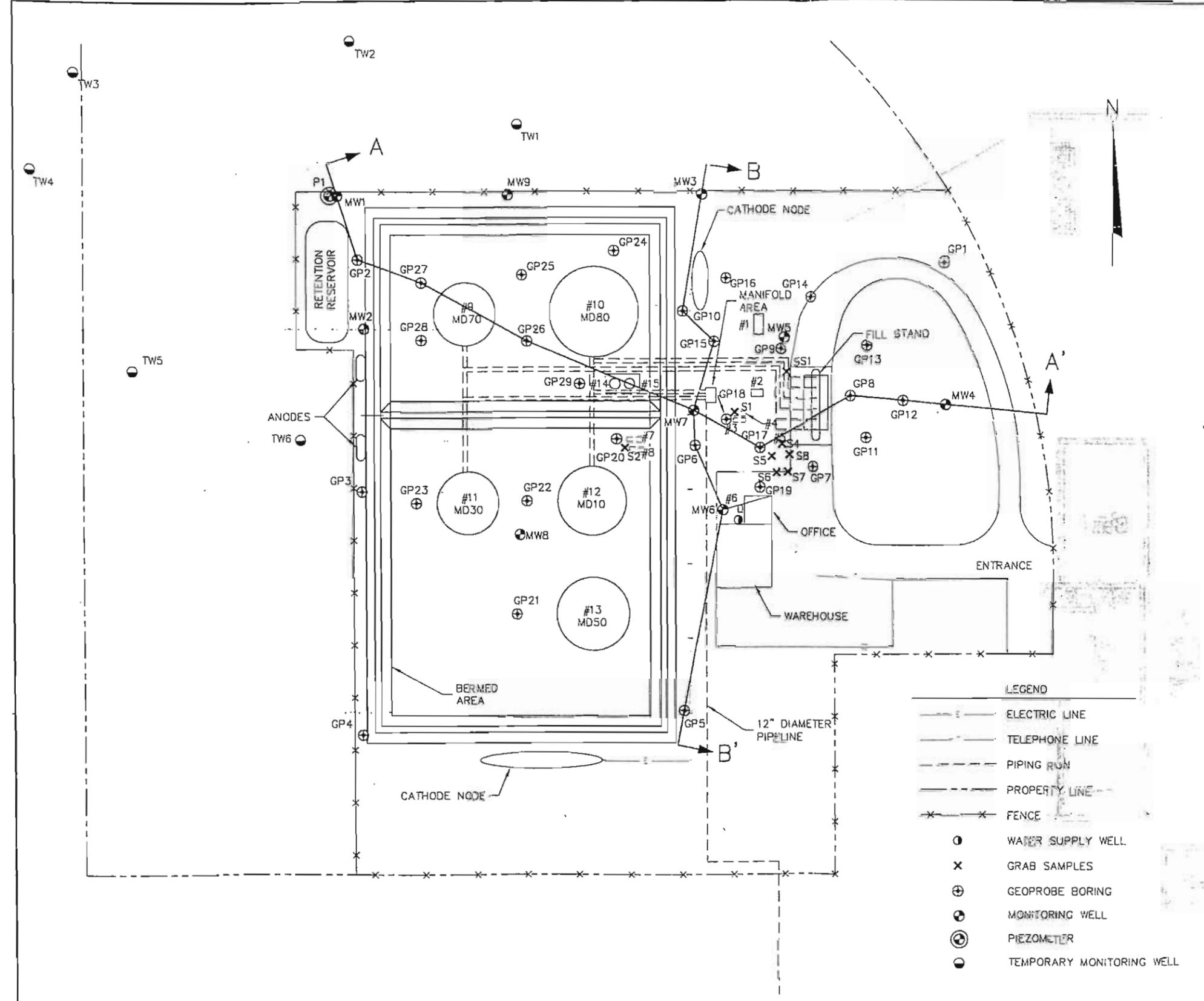
S-10
89 ppb
7.5 ft.

S-9
<25 ppb
6.8 ft.

8 ft.
460 ppb
S-26

S-19
<25
5 ft

S-13
<25
6.5 ft



- URT LEGEND**
- #1 6,000-GALLON WATER FROM OIL/WATER SEPARATOR
 - #2 1,500-GALLON FLOW-THROUGH PROCESS TANK FOR OIL/WATER SEPARATOR
 - #3 1,000-GALLON GASOLINE ADDITIVE, REMOVED
 - #4 1,000-GALLON GASOLINE ADDITIVE, REMOVED
 - #5 10,000-GALLON GASOLINE ADDITIVE, REMOVED
 - #6 500-GALLON HEATING OIL
 - #7 2,000-GALLON WATER DRAW, REMOVED
 - #8 2,000-GALLON WATER DRAW, REMOVED

- AST LEGEND**
- #9 840,000-GALLON KEROSENE
 - #10 1,680,000-GALLON DIESEL
 - #11 840,000-GALLON GASOLINE
 - #12 1,000,000-GALLON GASOLINE
 - #13 1,260,000-GALLON GASOLINE
 - #14 17,800-GALLON GASOLINE ADDITIVE
 - #15 17,800-GALLON GASOLINE ADDITIVE

NOTES:

1. LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE.

- LEGEND**
- ELECTRIC LINE
 - TELEPHONE LINE
 - - - PIPING RUN
 - - - PROPERTY LINE
 - x - x - FENCE
 - WATER SUPPLY WELL
 - x GRAB SAMPLES
 - ⊕ GEOPROBE BORING
 - ⊙ MONITORING WELL
 - ⊕⊙ PIEZOMETER
 - TEMPORARY MONITORING WELL

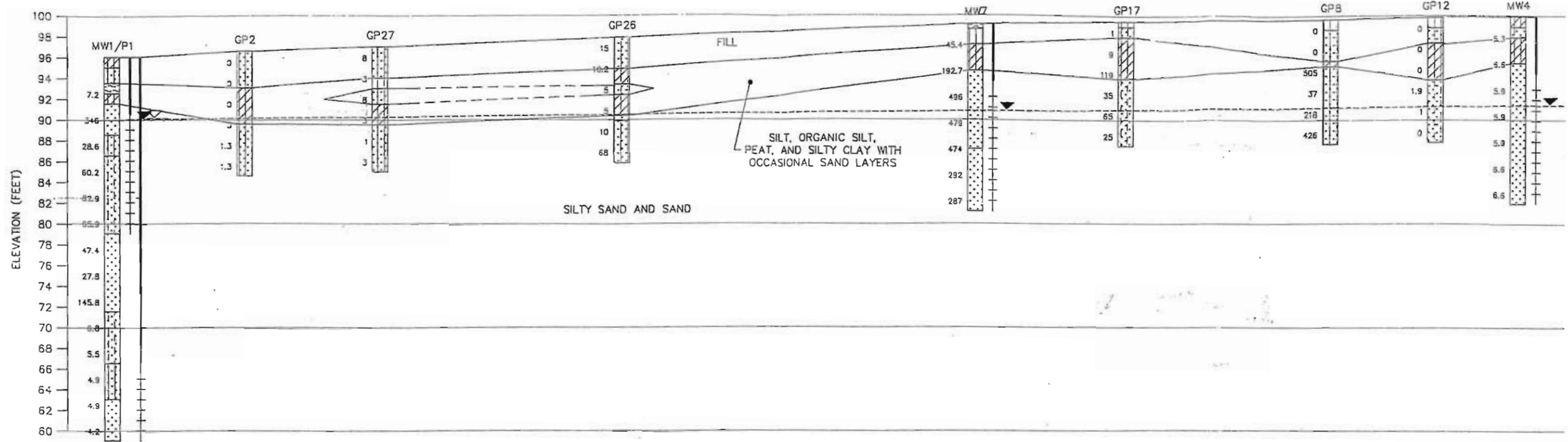
APPROXIMATE SCALE: 1" = 100'

FIGURE 2
SITE PLAN AND CROSS SECTION LOCATIONS
TERMINAL OIL
3910 TERMINAL DRIVE
MADISON, WISCONSIN

PROJECT NO. 1259	
DRAWN BY: KP / DJ	
CHECKED BY: KG	
DRAWN: 09/15/98	REVISED: 11/22/99
J:\1259\SITE.DWG	

A
(WEST)

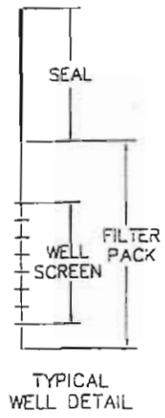
A'
(EAST)



ELEVATION (FEET)

LEGEND

- SAND, POORLY GRADED, LITTLE OR NO FINES (SP).
- SILT (ML).
- GRAVEL, POORLY GRADED, LITTLE OR NO FINES (GP).
- SILTY SAND (SM).
- SAND, POORLY GRADED WITH SILT FINES (SP-SM).
- SILTY CLAY (ML-CL).
- PEAT (PT).
- WATER TABLE ELEVATION MEASURED ON 09/20/99
- WATER LEVEL ELEVATION MEASURED IN PIEZOMETER
- FLAME- OR PHOTO-IONIZATION DETECTOR READING



HORIZONTAL SCALE: 1" = 50'
 VERTICAL SCALE: 1" = 10'
 VERTICAL EXAGGERATION = 5X

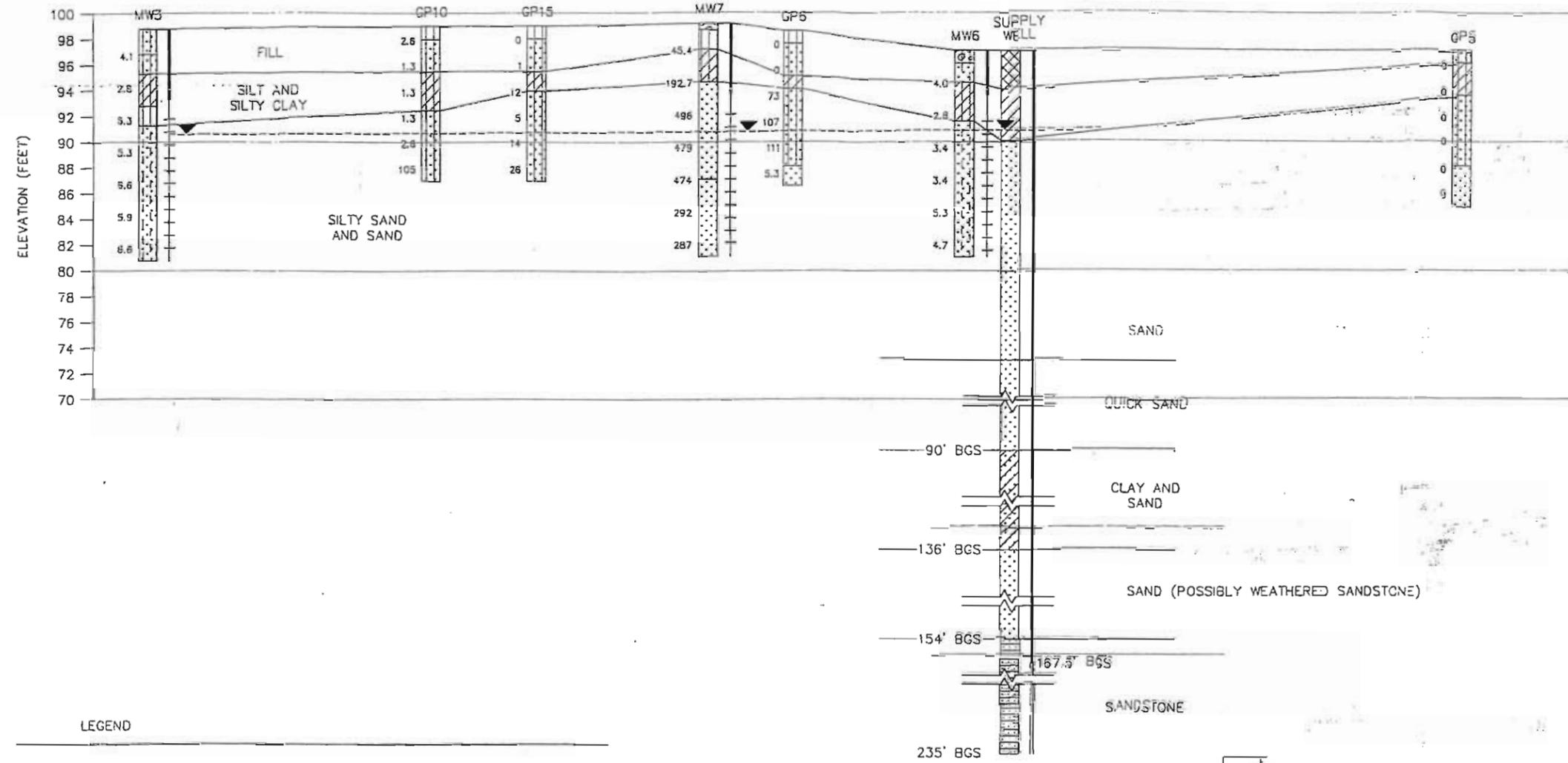
FIGURE 3
 CROSS SECTION A-A'
 TERMINAL OIL
 3910 TERMINAL DRIVE
 MADISON, WISCONSIN

PROJECT NO. 1259
DRAWN BY: KP
CHECKED BY: KG
DRAWN: 10/28/99 REVISED: 11/22/99
J: \1259\XSECA.DWG



B
(NORTH)

B'
(SOUTH)



LEGEND

- | | | | |
|--|---|--|--|
| | FILL. | | SAND AND CLAY (SC). |
| | SAND, POORLY GRADED, LITTLE OR NO FINES (SP). | | SAND, POORLY GRADED WITH SILT FINES (SP-SM). |
| | SILT (ML). | | SILTY CLAY (ML-CL). |
| | GRAVEL, POORLY GRADED, LITTLE OR NO FINES (GP). | | SANDSTONE. |
| | SILTY GRAVEL (GM). | | WATER TABLE ELEVATION MEASURED ON 09/20/99 |
| | SILTY SAND (SM). | | 25 FLAME- OR PHOTO-IONIZATION DETECTOR READING |

0 100
 HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 VERTICAL EXAGGERATION = 10X

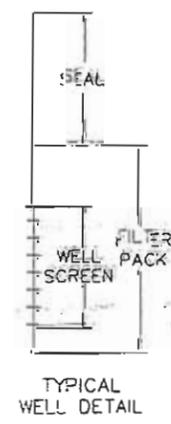
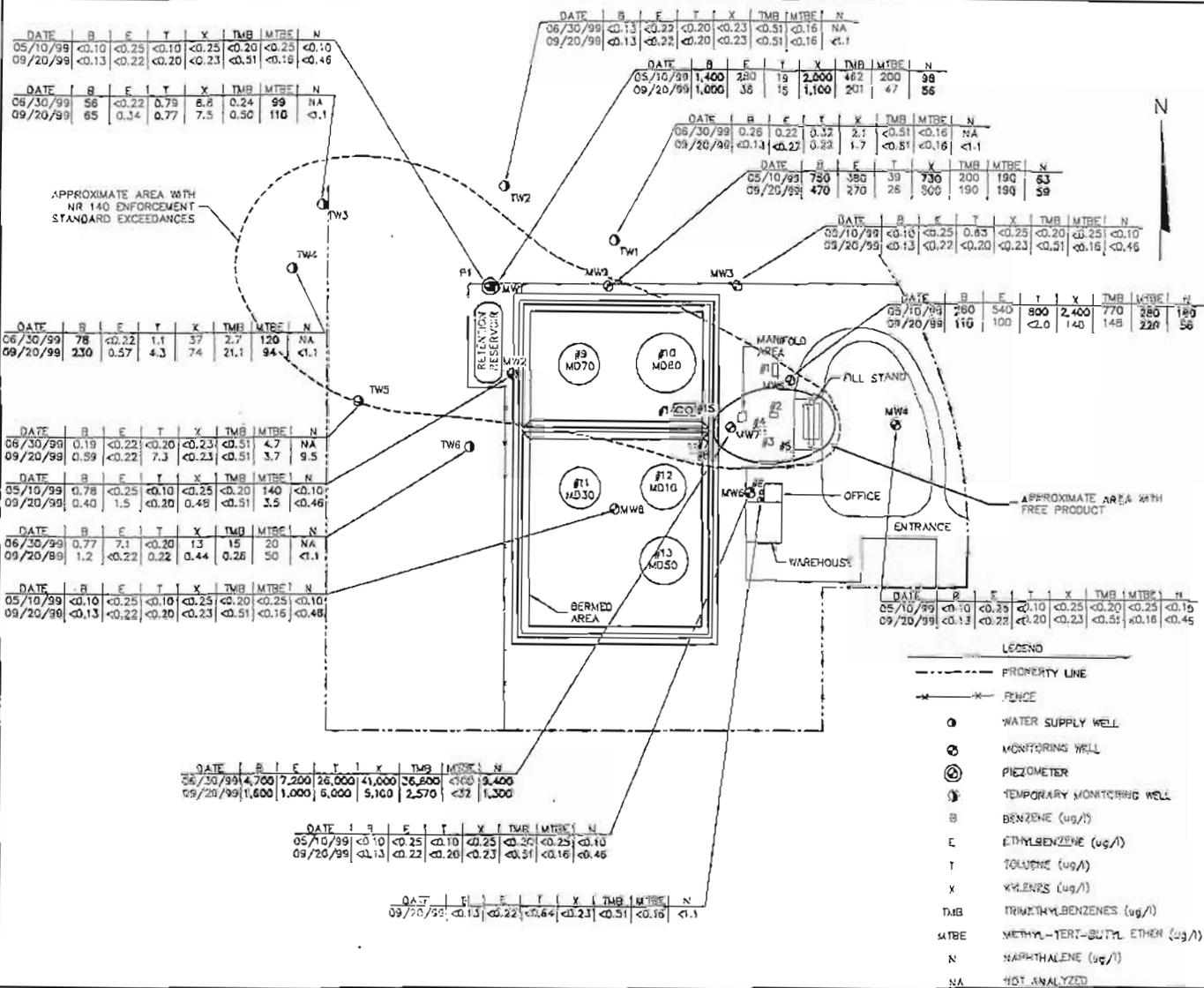


FIGURE 4
 CROSS SECTION B-B'
 TERMINAL OIL
 3910 TERMINAL DRIVE
 MADISON, WISCONSIN

PROJECT NO. 1259
DRAWN BY: KP
CHECKED BY: KG
DRAWN: 10/22/99 REVISED: 11/22/99
J:\1259\XSECE.DWG



DATE	B	E	T	X	TMB	MTBE	N
05/10/99	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	<0.10
09/20/99	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	<0.46

DATE	B	E	T	X	TMB	MTBE	N
06/30/99	56	<0.22	0.79	6.8	0.24	99	NA
09/20/99	65	0.34	0.77	7.5	0.50	110	<0.1

DATE	B	E	T	X	TMB	MTBE	N
06/30/99	78	<0.22	1.1	3.7	2.7	120	NA
09/20/99	230	0.57	4.3	7.4	21.1	94	<1.1

DATE	B	E	T	X	TMB	MTBE	N
06/30/99	0.19	<0.22	<0.20	<0.23	<0.51	4.7	NA
09/20/99	0.59	<0.22	7.3	6.8	<0.51	3.7	9.5

DATE	B	E	T	X	TMB	MTBE	N
05/10/99	0.78	<0.25	<0.10	<0.25	<0.20	140	<0.10
09/20/99	0.40	1.5	<0.20	0.48	<0.51	3.5	<0.46

DATE	B	E	T	X	TMB	MTBE	N
06/30/99	0.77	7.1	<0.20	1.3	15	20	NA
09/20/99	1.2	<0.22	0.22	0.44	0.26	50	<1.1

DATE	B	E	T	X	TMB	MTBE	N
05/10/99	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	<0.10
09/20/99	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	<0.46

DATE	B	E	T	X	TMB	MTBE	N
06/30/99	4,700	7,200	26,000	41,000	36,600	<100	19,400
09/20/99	1,600	1,000	6,000	5,100	2,570	<32	1,300

DATE	B	E	T	X	TMB	MTBE	N
05/10/99	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	<0.10
09/20/99	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	<0.46

DATE	B	E	T	X	TMB	MTBE	N
09/20/99	<0.13	<0.22	<0.64	<0.23	<0.51	<0.16	<1.1

DATE	B	E	T	X	TMB	MTBE	N
05/10/99	1,400	280	19	2,800	462	200	98
09/20/99	1,000	38	15	1,100	201	47	56

DATE	B	E	T	X	TMB	MTBE	N
06/30/99	0.26	0.22	0.32	2.1	<0.51	<0.16	NA
09/20/99	<0.13	<0.27	0.33	1.7	<0.51	<0.16	<1.1

DATE	B	E	T	X	TMB	MTBE	N
05/10/99	750	380	39	730	200	190	63
09/20/99	470	270	26	500	190	190	59

DATE	B	E	T	X	TMB	MTBE	N
05/10/99	260	540	800	2,400	770	260	180
09/20/99	116	100	<0.0	140	148	228	56

DATE	B	E	T	X	TMB	MTBE	N
05/10/99	<0.10	<0.35	<0.10	<0.25	<0.20	<0.25	<0.10
09/20/99	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	<0.46

Benzene Isoconcentration 1/21/09

LOCATION SURVEY

PART OF OUTLOT 65, ASSESSOR'S PLAT No. 2 TOWNSHIP OF BLOOMING GROVE,
LOCATED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 27, T 7 N, R 10 E,
CITY OF MADISON, DANE COUNTY, WISCONSIN.

NORTHWEST
CORNER OF
SECTION 27-7-10



SCALE : ONE INCH = TWO HUNDRED FEET

LEGEND

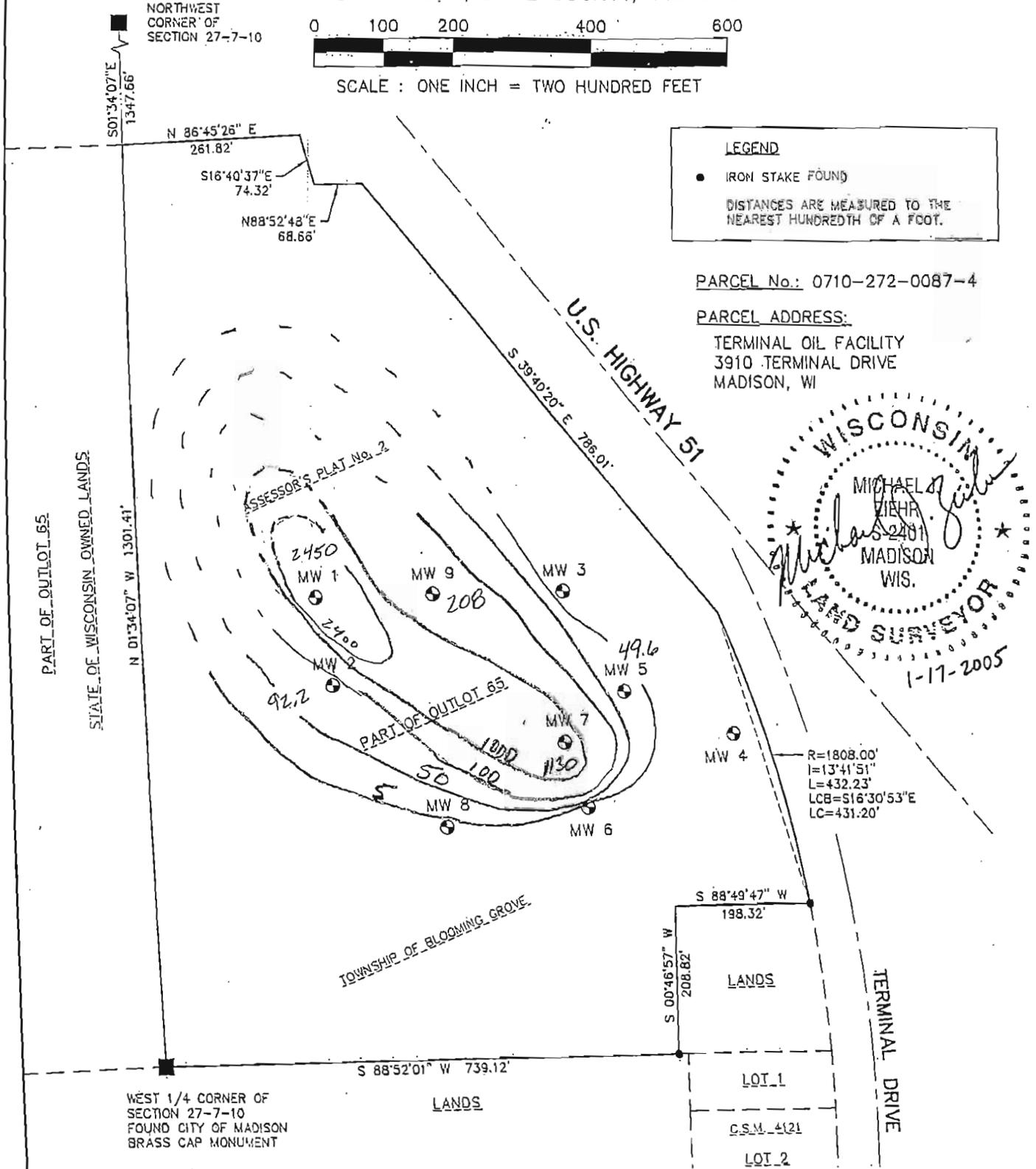
● IRON STAKE FOUND

DISTANCES ARE MEASURED TO THE
NEAREST HUNDREDTH OF A FOOT.

PARCEL No.: 0710-272-0087-4

PARCEL ADDRESS:

TERMINAL OIL FACILITY
3910 TERMINAL DRIVE
MADISON, WI



R=1808.00'
I=13°41'51"
L=432.23'
LCB=S16°30'53"E
LC=431.20'

WEST 1/4 CORNER OF
SECTION 27-7-10
FOUND CITY OF MADISON
BRASS CAP MONUMENT

LANDS

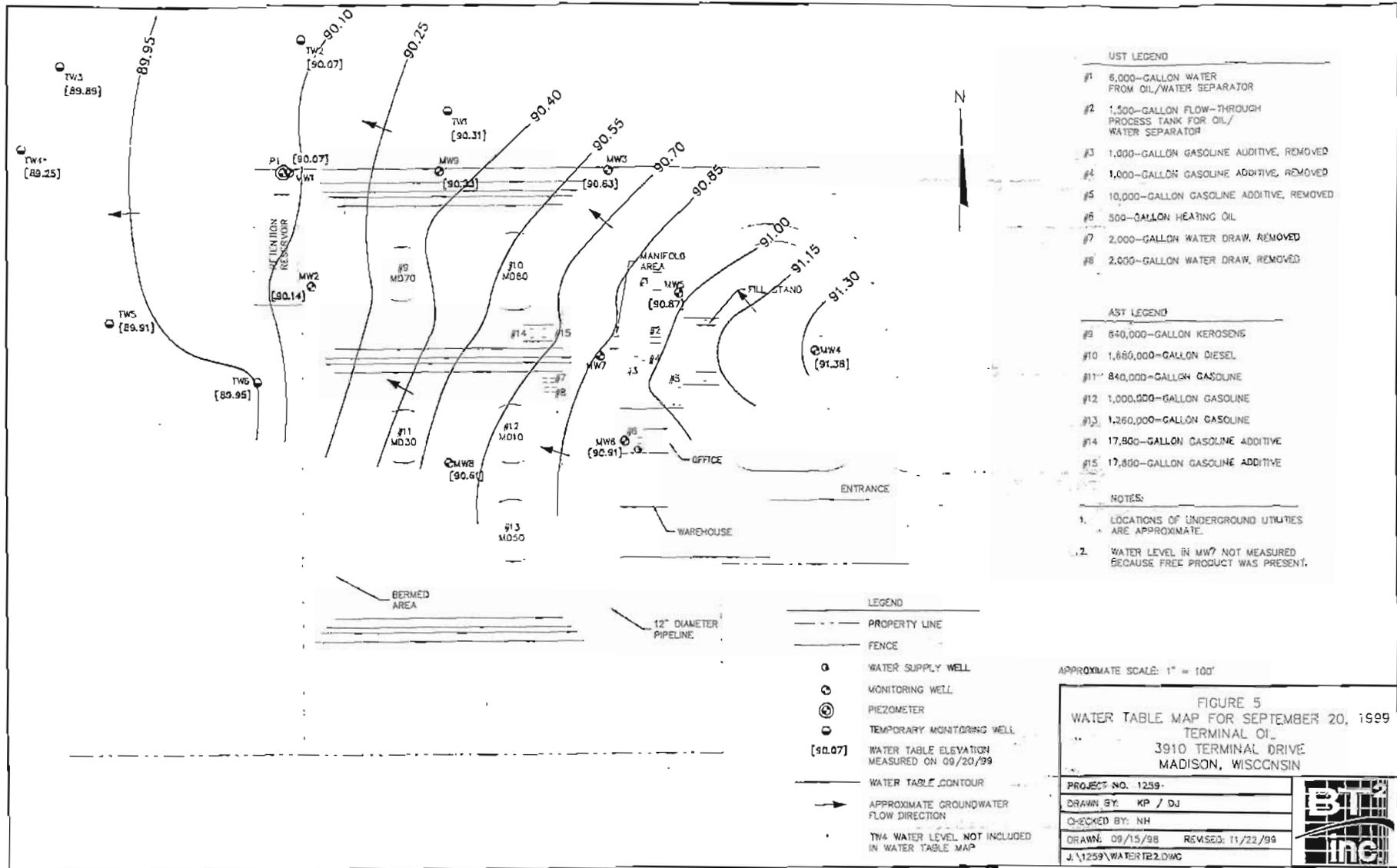
LANDS

LOT 1

C.S.M. 4121

LOT 2

TERMINAL DRIVE



- UST LEGEND**
- #1 6,000-GALLON WATER FROM OIL/WATER SEPARATOR
 - #2 1,500-GALLON FLOW-THROUGH PROCESS TANK FOR OIL/WATER SEPARATOR
 - #3 1,000-GALLON GASOLINE ADDITIVE, REMOVED
 - #4 1,000-GALLON GASOLINE ADDITIVE, REMOVED
 - #5 10,000-GALLON GASOLINE ADDITIVE, REMOVED
 - #6 500-GALLON HEATING OIL
 - #7 2,000-GALLON WATER DRAW, REMOVED
 - #8 2,000-GALLON WATER DRAW, REMOVED

- AST LEGEND**
- #9 840,000-GALLON KEROSENE
 - #10 1,880,000-GALLON DIESEL
 - #11 840,000-GALLON GASOLINE
 - #12 1,000,000-GALLON GASOLINE
 - #13 1,260,000-GALLON GASOLINE
 - #14 17,800-GALLON GASOLINE ADDITIVE
 - #15 17,800-GALLON GASOLINE ADDITIVE

- NOTES:**
1. LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE.
 2. WATER LEVEL IN MW7 NOT MEASURED BECAUSE FREE PRODUCT WAS PRESENT.

- LEGEND**
- PROPERTY LINE
 - - - FENCE
 - WATER SUPPLY WELL
 - MONITORING WELL
 - ⊙ PIEZOMETER
 - TEMPORARY MONITORING WELL
 - [90.07] WATER TABLE ELEVATION MEASURED ON 09/20/99
 - WATER TABLE CONTOUR
 - APPROXIMATE GROUNDWATER FLOW DIRECTION
 - TWA WATER LEVEL NOT INCLUDED IN WATER TABLE MAP

APPROXIMATE SCALE: 1" = 100'

FIGURE 5
WATER TABLE MAP FOR SEPTEMBER 20, 1999
 TERMINAL OIL
 3910 TERMINAL DRIVE
 MADISON, WISCONSIN

PROJECT NO. 1259-
DRAWN BY: KP / DJ
CHECKED BY: NH
DRAWN: 09/15/98 REVISED: 11/23/99
J:\1259\WATER\T2.DWG



Soil Analytical Results
Table 1
Terminal Oil Group
3910 Terminal Drive

Units are ug/kg (ppb) unless stated

	C South Wall West 6 7 ft	C South Wall East 6- 7 ft	C North Wall 6- 7 ft	C East Wall South 6-7 ft	C East Wall North 6-7 ft	C West Wall South 6-7 ft	C West Wall North 6-7 ft	C Base 1 North 7.5-8.5 ft	C Base 2 South 7.5- 8.5 ft	A-1 Base 7.5-8.5 ft	B-2 Base 7.5-8.5 ft	NR 720.09 RCLs	NR 746.06 Table 1 (free product)	NR 746.06 Table 2 (direct contact)
Benzene	168	40.4	94.8	ND	7290	120	34.5	90000	52300	72.0	ND	5.5	8500	1100
Ethylbenzene	427	41.6	104	32.5	115000	653	78.8	326000	160000	285	ND	2900	4600	-
Methyl tert-butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	6600	ND	ND			-
Naphthalene	373	ND	49.5	49.3	30000	175	52.0	85500	34300	944	ND	440	2700	-
Toluene	149	ND	ND	ND	134000	792	159	504000	373000	38.4	ND	1500	38000	-
1,2,4-Trimethylbenzene	1980	ND	130	75	213000	1260	141	535000	194000	14900	ND	-	83000	-
1,3,5-Trimethylbenzene	680	ND	50.7	ND	73100	359	38.8	151000	66600	7110	ND	-	11000	-
Total Xylenes	1620	ND	124	46.2	466000	2340	365	1340000	589000	7940	ND	4100	42000	-

∞: interim standard
ND: Non Detect

TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
TERMINAL OIL
3910 Terminal Drive
Madison, Wisconsin

PARAMETERS	SAMPLE IDENTIFICATION: KEY										NR 720 GENERIC RCLs	NR 746	
	S-1 SW	S-2 SW	S-3 B	S-4 B	S-5 B	S-6 SW	S-7 B	S-8 SW	T-1	T-2	PROTECTION OF GROUNDWATER	TABLE 1	TABLE 2
Date Collected	5/7/07	5/7/07	5/7/07	5/7/07	5/7/07	5/7/07	5/7/07	5/7/07	5/7/07	5/7/07	--	--	--
Depth (feet bgs)	7.0	7.0	8.0	7.5	7.5	7.0	8.0	7.0	6.5	6.5	--	--	--
Detected PVOCs (µg/kg)													
Benzene	<25	<25	<u>150</u>	<u>6400</u>	<u>3600</u>	140	<u>16000</u>	<u>1200</u>	<u>9600</u>	<u>4900</u>	5.5	8,500	1,100
Ethylbenzene	<25	<25	680	<u>25000</u>	<u>14000</u>	38	<u>69000</u>	<u>11000</u>	<u>62000</u>	<u>33000</u>	2,900	4,600	--
Methyl tert-butyl Ether	<25	<25	<25	<620	<250	<25	<1200	<310	<1200	<500	--	--	--
Naphthalene	<25	<25	790	<u>20000</u>	<u>13000</u>	<25	<u>56000</u>	<u>13000</u>	<u>66000</u>	<u>33000</u>	--	2,700	--
Toluene	<25	<25	<25	<u>1800</u>	<250	<25	<u>21000</u>	<310	<1200	2500	1,500	38,000	--
1,2,4-Trimethylbenzene	<25	<25	1000	<u>56000</u>	<u>37000</u>	37	<u>200000</u>	<u>30000</u>	<u>250000</u>	<u>130000</u>	--	83,000	--
1,3,5-Trimethylbenzene	<25	<25	680	<u>21000</u>	<u>13000</u>	<25	<u>68000</u>	<u>13000</u>	<u>80000</u>	<u>41000</u>	--	11,000	--
Xylenes	<50	<50	1830	<u>88000</u>	<u>47950</u>	93	<u>347000</u>	<u>32890</u>	<u>383000</u>	<u>195000</u>	4,100	42,000	--

Notes:

Underlined concentrations exceed NR 720 Generic RCLs

Bold concentrations exceed NR 746 Table 1 values

Boxed concentrations exceed NR 746 Table 2 values

-- - not analyzed or no standard established

bgs - below ground surface

mg/kg - milligrams per kilogram

µg/kg - micrograms per kilogram

PVOCs - petroleum volatile organic compounds

SW = Excavation sidewall sample

B = Excavation base sample

T = Truck sample

TABLE 1 (cont.)
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
TERMINAL OIL
3910 Terminal Drive
Madison, Wisconsin

PARAMETERS	SAMPLE IDENTIFICATION: KEY							NR 720 GENERIC RCLs	NR 746	
	S-9 SW	S-10 B	S-11 SW	S-12 SW	S-13 SW	S-14 B	S-15 B	PROTECTION OF GROUNDWATER	TABLE 1	TABLE 2
Date Collected	5/8/07	5/8/07	5/8/07	5/8/07	5/8/07	5/8/07	5/8/07	--	--	--
Depth (feet bgs)	6.5	7.5	7.5	6.5	6.5	7.5	8.5	--	--	--
Detected PVOCs (µg/kg)										
Benzene	<25	<u>89</u>	<u>41</u>	<120	<25	<u>39</u>	<u>1600</u>	5.5	8,500	1,100
Ethylbenzene	680	1800	<25	1600	130	<25	<u>14000</u>	2,900	4,600	--
Methyl tert-butyl Ether	<25	<25	<25	<120	<25	<25	<620	--	--	--
Naphthalene	520	1000	<25	2000	460	<25	<u>16000</u>	--	2,700	--
Toluene	<25	71	<25	<120	<25	<25	<u>2700</u>	1,500	38,000	--
1,2,4-Trimethylbenzene	2100	4000	<25	4100	580	<25	<u>33000</u>	--	83,000	--
1,3,5-Trimethylbenzene	730	1300	<25	960	310	<25	<u>14000</u>	--	11,000	--
Xylenes	1800	<u>5900</u>	<50	3420	390	<50	<u>40800</u>	4,100	42,000	--

Notes:

Underlined concentrations exceed NR 720 Generic RCLs

Bold concentrations exceed NR 746 Table 1 values

Boxed concentrations exceed NR 746 Table 2 values

-- - not analyzed or no standard established

bgs - below ground surface

mg/kg - milligrams per kilogram

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PVOCs - petroleum volatile organic compounds

SW = Excavation sidewall sample

B = Excavation base sample

T = Truck sample

TABLE 1 (cont.)
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
TERMINAL OIL
3910 Terminal Drive
Madison, Wisconsin

PARAMETERS	SAMPLE IDENTIFICATION: KEY											NR 720 GENERIC RCLs	NR 746	
	S-16 SW	S-17 B	S-18 B	S-19 SW	S-20 SW	S-21 B	S-22 B	S-23 B	S-24 B	S-25 SW	S-26 SW	PROTECTION OF GROUNDWATER	TABLE 1	TABLE 2
Date Collected	5/9/07	5/9/07	5/9/07	5/9/07	5/9/07	5/9/07	5/10/07	5/10/07	5/10/07	5/11/07	5/11/07	---	---	---
Depth (feet bgs)	5.5	7.5	7.5	5	6	7.5	7.5	8	7.5	5.5	8	---	---	---
Detected PVOCs (µg/kg)														
Benzene	<u>47</u>	870	<25	<25	<u>250</u>	<u>59</u>	<u>21000</u>	<2500	<u>190</u>	<u>73</u>	<u>460</u>	5.5	8,500	1,100
Ethylbenzene	39	1900	120	<25	110	53	<u>95000</u>	<u>16000</u>	640	140	380	2,900	4,600	---
Methyl tert-butyl Ether	<25	92	<25	<25	<25	170	10000	<2500	<25	<25	<25	---	---	---
Naphthalene	<25	3700	120	<25	52	<25	<u>31000</u>	<u>86000</u>	210	<25	90	---	2,700	---
Toluene	<25	<62	<25	<25	<25	220	<u>240000</u>	<u>25000</u>	250	<25	140	1,500	38,000	---
1,2,4-Trimethylbenzene	<25	3700	200	<25	48	39	<u>120000</u>	<u>340000</u>	500	200	290	---	83,000	---
1,3,5-Trimethylbenzene	<25	1800	79	<25	<25	<25	<u>39000</u>	<u>130000</u>	120	85	87	---	11,000	---
Xylenes	<50	<u>4880</u>	190	<50	130	176	<u>360000</u>	<u>460000</u>	2900	340	990	4,100	42,000	---

Notes:

Underlined concentrations exceed NR 720 Generic RCLs

Bold concentrations exceed NR 746 Table 1 values

Boxed concentrations exceed NR 746 Table 2 values

Underlined concentrations exceed NR 720 Generic RCLs

--- - not analyzed or no standard established

bgs - below ground surface

mg/kg - milligrams per kilogram

µg/kg - micrograms per kilogram

PVOCs - petroleum volatile organic compounds

SW = Excavation sidewall sample

B = Excavation base sample

T = Truck sample

TABLE 2
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
TERMINAL OIL
3910 Terminal Drive
Madison, Wisconsin

PARAMETERS	SAMPLE IDENTIFICATION KEY																				NR 140	
	MW-1				MW-2				MW-3				MW-4				MW-5				ES	PAL
Date Collected	8/1/07	1/15/08	7/16/08	1/21/09	8/1/07	1/15/08	7/16/08	1/21/09	8/1/07	1/15/08	7/16/08	1/21/09	8/1/07	1/15/08	7/16/08	1/21/09	8/1/07	4/15/08	7/16/08	1/21/09	ES	PAL
Detected VOCs (µg/l)																						
Benzene	2900	4600	1720	2450	<0.21	8.5	24.9	92.2	19	--	4.8	--	<0.21	--	<0.14	--	15	14	96.9	49.6	5	0.5
Ethylbenzene	390	530	348	121	<0.40	1.3	11.5	5.3	13	--	4.8	--	<0.40	--	<0.40	--	21	<0.40	16.9	23.7	700	140
Methyl tert-butyl Ethur	66	79	29.7	30.1	<0.35	0.6	1.7J	1	3.6	--	1.1J	--	<0.35	--	<0.36	--	12	<0.36	14.7	23.2	60	12
Naphthalene	140	200	109	176	<0.47	<0.47	<0.47	<0.47	20	--	J	--	<0.47	--	<0.47	--	26	4.7	7	16.8	100	10
Toluene	73	100	31	43.8	<0.36	<0.36	1.3	2	33	--	10.9	--	<0.36	--	<0.36	--	<0.36	<0.36	0.57J	10.30	1,000	200
Trimethylbenzenes	554	830	263.9	600.2	<0.40	<0.40	<0.40	<0.40	22.8	--	2.62J	--	<0.40	--	<0.40	--	123	1.97	11.0	48.6	480	96
Xylenes	2409.3 Q	3700	1431.4	1580	<0.74	<0.74	4.21J	1.1J	37	--	9.1	--	<0.74	--	<0.74	--	30.6	<0.74	20.3J	27.2	10,000	1,000
Natural Attenuation																						
Iron - Dissolved	28000	--	22900	--	1600	--	2600	--	2300	--	4900	--	460	--	65.9	--	--	--	11200	--	300	150
Manganese - Dissolved	1400	--	1270	--	280	--	304	--	280	--	238	--	710	--	6.4	--	--	--	1200	--	60	25
Alkalinity as CaCO3 (mg/L)	310	--	290	--	360	--	370	--	210	--	313	--	300	--	84.9	--	--	--	307	--	--	--
Nitrogen, NO3 + NO2 (mg/L)	<0.093	--	<0.095	--	<0.096	--	<0.096	--	<0.096	--	0.3	--	0.24 Q	--	1	--	--	--	0.21J	--	10 mg/L	2 mg/L
Sulfate (mg/L)	2.0	--	2.8J	--	34	--	18.2	--	9.3	--	16.7	--	47	--	9.8	--	--	--	7.0	--	250 mg/L	125 mg/L
Methane	6400	--	7600	--	<10	--	336	--	25	--	73.9	--	<10	--	<2.0	--	--	--	2070	--	--	--

Notes:
Bold concentrations exceed NR 140 PAL
Boxed concentrations exceed NR 140 ES
 -- - not analyzed, not applicable or no standard established
 ES - enforcement standard
 PAL - preventive action limit
 µg/l - micrograms per liter
 VOCs - volatile organic compounds
 J = estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
 Q = concentration between limit of detection and limit of quantification

TABLE 2 (cont)
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
TERMINAL OIL
3910 Terminal Drive
Madison, Wisconsin

PARAMETERS	SAMPLE IDENTIFICATION: KEY																NR 146						
	MW-6				MW-7				MW-8				MW-9				PZ-1				ES	PAL	
Date Collected	8/1/07	1/15/08	7/16/08	1/21/09	8/1/07	1/15/08	7/16/08	1/21/09	8/1/07	1/15/08	7/16/08	1/21/09	8/1/07	1/15/08	7/16/08	1/21/09	8/1/07	1/15/08	7/16/08	1/21/09	—	—	
Detected VOCs (µg/l)																							
Benzene	<0.21	--	<0.14	--	3000	--	2220	1130	<0.21	--	<0.14	--	84	240	230	208	<0.21	<0.14	<0.14	<0.23	5	0.5	
Ethylbenzene	<0.40	--	<0.40	--	1700	--	1500	1170	<0.40	--	<0.40	--	64	88	73.5	21.4	<0.40	<0.40	<0.40	<0.40	700	140	
Methyl tert-butyl Ether	<0.36	--	<0.36	--	<18	--	<18	<18	<0.36	--	<0.36	--	7.1	8.5	10.5	6	<0.36	<0.36	<0.36	<0.36	60	12	
Naphthalene	<0.47	--	<0.47	--	470	--	411	380	<0.47	--	<0.47	--	28	34	20.7	10.8	<0.47	<0.47	<0.47	<0.47	100	10	
Toluene	<0.36	--	<0.36	--	10000	--	7830	3840	<0.36	--	<0.36	--	2.4	7.1	13.5	4.2	<0.36	<0.36	<0.36	<0.36	1,000	200	
Trimethylbenzenes	<0.40	--	<0.40	--	1900	--	1746	1820	<0.40	--	<0.40	--	50.1	103	31	24.8	<0.40	<0.40	<0.40	<0.40	480	96	
Xylenes	<0.74	--	<0.74	--	7200	--	8440	6560	<0.74	--	<0.74	--	140.73 Q	241.4	143.9	110.1	<0.74	<0.74	<0.74	<0.74	10,000	1,000	
Natural Attenuation																							
Iron-Dissolved	<50	--	<6.9	--	--	--	31800	--	<50	--	<6.9	--	16000	--	28500	--	2400	--	2020	--	300	150	
Manganese - Dissolved	10	--	4J	--	--	--	4310	--	9.4	--	11.2	--	1100	--	1770	--	170	--	145	--	50	25	
Alkalinity as CaCO3 (mg/L)	290	--	181	--	--	--	354	--	270	--	184	--	240	--	273	--	290	--	504	--	--	--	
Nitrogen, NO3 + NO2 (mg/L)	2.1	--	1.5	--	--	--	<0.096	--	7.3	--	17.1	--	<0.096	--	<0.096	--	<0.096	--	<0.096	--	10 mg/l	2mg/l	
Sulfate (mg/L)	22	--	9.4	--	--	--	2.3J	--	27	--	24.7	--	3 N	--	3.4J	--	39	--	32.6	--	250 mg/l	125 mg/L	
Methane	<10	--	<2.0	--	--	--	8050	--	<10	--	<2.0	--	1200	--	2530	--	<10	--	10.4	--	--	--	

Notes:
Bold concentrations exceed NR 140 PAL
Boxed concentrations exceed NR 140 ES
 -- not analyzed, not applicable or no standard established
 ES - enforcement standard
 PAL - preventive action limit
 µg/l - micrograms per liter
 VOCs - volatile organic compounds
 J = estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
 Q = concentration between limit of detection and limit of quantification
 N = spiked sample recovery not within control limits

Well Number	Date	Depth to Groundwater (feet)	Reference Elevation (feet)	Groundwater Elevation (feet)	Comments
PZ-1	8/1/07	7.61	97.38	89.77	
MW-1	8/1/07	8.44	854.64	846.20	
MW-2	8/1/07	10.28	856.76	846.48	
MW-3	8/1/07	10.56	857.55	846.99	
MW-4	8/1/07	11.24	859.25	848.01	
MW-5	8/1/07	--	855.62		Product present
MW-6	8/1/07	9.20	856.41	847.21	
MW-7	8/1/07	--	859.68		Product present
MW-8	8/1/07	14.58	860.65	846.07	
MW-9	8/1/07	10.08	856.68	846.60	
PZ-1	1/15/08	4.71	97.38	92.67	
MW-1	1/15/08	5.55	854.64	849.09	
MW-2	1/15/08	7.60	856.76	849.16	
MW-3	1/15/08	7.41	857.55	850.14	
MW-4	1/15/08	8.85	859.25	850.40	
MW-5	1/15/08	--	855.62		Could not locate
MW-6	1/15/08	--	856.41		Could not locate
MW-7	1/15/08	9.51	859.68	850.17	
MW-8	1/15/08	10.51	860.65	850.14	
MW-9	1/15/08	7.10	856.68	849.58	
PZ-1	4/15/08	4.05	97.38	93.33	
MW-1	4/15/08	4.97	854.64	849.67	
MW-2	4/15/08	7.00	856.76	849.76	
MW-3	4/15/08	6.28	857.55	851.27	
MW-4	4/15/08	6.42	859.25	852.83	
MW-5	4/15/08	--	855.62		slight product
MW-6	4/15/08	4.68	856.41	851.73	
MW-7	4/15/08	8.90	859.68	850.78	
MW-8	4/15/08	9.61	860.65	851.04	
MW-9	4/15/08	6.24	856.68	850.44	
PZ-1	7/16/08	5.60	97.38	91.78	
MW-1	7/16/08	5.45	854.64	849.19	
MW-2	7/16/08	7.43	856.76	849.33	
MW-3	7/16/08	7.25	857.55	850.30	
MW-4	7/16/08	7.62	859.25	851.63	
MW-5	7/16/08	4.72	855.62	850.90	
MW-6	7/16/08	5.72	856.41	850.69	
MW-7	7/16/08	7.31	859.68	852.37	
MW-8	7/16/08	10.45	860.65	850.20	
MW-9	7/16/08	6.98	856.68	849.70	

Notes: -- Water level was not measured. Referenced elevation is surface elevation as provided by Calkins Engineering LLC 1/11/05 survey. PZ-1 was not surveyed.

Well Number	Date	Depth to Groundwater (feet)	Reference Elevation (feet)	Groundwater Elevation (feet)	Comments
PZ-1	1/21/09	5.90	97.38	91.48	
MW-1	1/21/09	6.71	854.64	847.93	
MW-2	1/21/09	8.70	856.76	848.06	
MW-3	1/21/09	9.00	857.55	848.55	
MW-4	1/21/09	8.65	859.25	850.60	
MW-5	1/21/09	8.61	855.62	847.01	
MW-6	1/21/09	7.61	856.41	848.80	
MW-7	1/21/09	11.53	859.68	848.15	well cover damaged
MW-8	1/21/09	12.31	860.65	848.34	
MW-9	1/21/09	8.47	856.68	848.21	
PZ-1			97.38	97.38	
MW-1			854.64	854.64	
MW-2			856.76	856.76	
MW-3			857.55	857.55	
MW-4			859.25	859.25	
MW-5			855.62	855.62	
MW-6			856.41	856.41	
MW-7			859.68	859.68	
MW-8			860.65	860.65	
MW-9			856.68	856.68	
PZ-1			97.38	97.38	
MW-1			854.64	854.64	
MW-2			856.76	856.76	
MW-3			857.55	857.55	
MW-4			859.25	859.25	
MW-5			855.62	855.62	
MW-6			856.41	856.41	
MW-7			859.68	859.68	
MW-8			860.65	860.65	
MW-9			856.68	856.68	
PZ-1			97.38	97.38	
MW-1			854.64	854.64	
MW-2			856.76	856.76	
MW-3			857.55	857.55	
MW-4			859.25	859.25	
MW-5			855.62	855.62	
MW-6			856.41	856.41	
MW-7			859.68	859.68	
MW-8			860.65	860.65	
MW-9			856.68	856.68	

Notes: -- Water level was not measured. Referenced elevation is surface elevation as provided by Calkins Engineering LLC 1/11/05 survey. PZ-1 was not surveyed.