

GIS REGISTRY
Cover Sheet

May, 2009
(RR 5367)

Source Property Information

CLOSURE DATE: 05/28/2009

BRRTS #: 03-46-000174
ACTIVITY NAME: Tecumseh Products
PROPERTY ADDRESS: 900 North Street
MUNICIPALITY: Grafton
PARCEL ID #: 10-040-0002.000

FID #: 246009170
DATCP #:
COMM #:

***WTM COORDINATES:**

WTM COORDINATES REPRESENT:

X: 685875 Y: 318951

- Approximate Center Of Contaminant Source
 Approximate Source Parcel Center

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

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

Groundwater Contamination > ES (236)

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

Contamination in ROW

Contamination in ROW

Off-Source Contamination

Off-Source Contamination

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

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

Land Use Controls:

N/A (Not Applicable)

Cover or Barrier (222)

Soil: maintain industrial zoning (220)

*(note: maintenance plan for
groundwater or direct contact)*

*(note: soil contamination concentrations
between non-industrial and industrial levels)*

Vapor Mitigation (226)

Structural Impediment (224)

Maintain Liability Exemption (230)

Site Specific Condition (228)

*(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: ALTA/ACSM LAND TITLE 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 Locator 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 #: I-5 **Title: Site Plan**
 - 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 #: I-5 **Title: Site Plan**

BRRTS #: 03-46-000174

ACTIVITY NAME: Tecumseh Products

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 than 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 #: 5 Title: Summary of VOCs Detected in Soil

- 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 #: I-6 Title: Groundwater Monitoring 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 #: Title:

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

Note: If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

Note: If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

Figure #: **Title:**

- 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: Tecumseh Products

NOTIFICATIONS

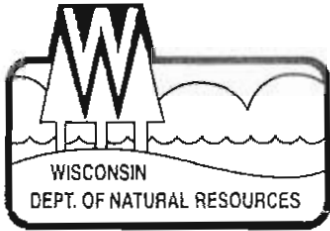
Source Property

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

Off-Source Property

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

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



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Gloria L. McCutcheon, Regional
Director

Plymouth Service Center
1155 Pilgrim Rd.
P.O. Box 408
Plymouth, Wisconsin 53073-0408
Telephone 920-892-8756
FAX 920-892-6638

May 28, 2009

Jason Smith
Tecumseh Products Company
2700 W. Wood Street
Paris, TN, 38242

Dear Mr. Smith:

Subject: Case closure request for petroleum contamination from underground storage tanks at Tecumseh Power Company, 900 North Street, Grafton, Wisconsin, file reference, petroleum LUST only FID, #246009170, BRRTS #0346000174.

Thank you for submitting additional information that I asked for regarding closure of the underground storage tank issues at your site. Based on the correspondence and data you 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.

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

GIS Registry

The conditions of case closure set out below in this letter require that this site 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.

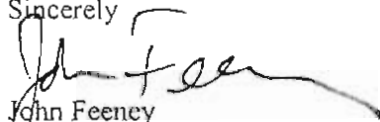
This letter and information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at: <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If the property is listed on the GIS Registry because 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.

Residual Soil Contamination

Residual petroleum soil contamination remains under the Recycling Docks Area, and the West Dock as indicated in 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 people.

No monitoring well abandonment is needed at this time for the closure of the petroleum related issues due to the fact that the chlorinated solvent issues remain open at this site. If you have any questions about this letter, please call me at 920-892-8756 extension 3023.

Sincerely



John Feeney
Wisconsin Department of Natural Resources

Cc: RMT
SER File

785278

V1861P977

RECORDED

TRANSFER
\$10,375.80
FEE

2004 FEB 12 PM 12:05

QUIT CLAIM DEED

[Handwritten signature]
NOTARY PUBLIC
STATE OF MICHIGAN

Document Number _____

This Deed, made between TECUMSEH PRODUCTS COMPANY, a Michigan corporation, of the City of Tecumseh, County of Lenawee, and State of Michigan, Grantor, and TECUMSEH POWER COMPANY a Delaware corporation, of the City of Tecumseh, County of Lenawee, and State of Michigan, Grantee.

Grantor quit claims to Grantee the following described real estate in Ozaukee County, State of Wisconsin (the "Property"):

See Exhibit A attached hereto and made a part hereof.

Parcel Key No. 10-040-0002.000 *

Property Address: 900 North Street, Village of Grafton, Wisconsin

This is not homestead property.

Together with all appurtenant rights, title and interests.

Dated this 9th day of July, 2003.

TECUMSEH PRODUCTS COMPANY,
a Michigan corporation

[Handwritten signature of Todd W. Herrick]

By: Todd W. Herrick

Its: Chairman of the Board, President and Chief Executive Officer

STATE OF MICHIGAN)
) :ss
COUNTY OF LENA WEE)

The foregoing instrument was acknowledged before me this 9th day of July, 2003, by Todd W. Herrick, the Chairman of the Board, President and Chief Executive Officer of Tecumseh Products Company, a Michigan corporation, on behalf of the corporation.

[Handwritten signature of Dorena Hanko]
Notary Public, Lenawee County, Michigan
My Commission Expires: August 27, 2006

THIS INSTRUMENT WAS DRAFTED BY *a Return to:*
Andrew D. Bos, Attorney at Law
840 W. Long Lake Road, Suite 200 \$13/PA
Troy, MI 48098
248-879-2000

Exhibit A

That part of the South East One-Quarter and the South West One-Quarter, Section 13, Town 10 North, Range 21 East, in the Village of Grafton, Ozaukee County, Wisconsin, bounded and described as follows: Commencing at the South East corner of said south West 1/4 Section; thence West along the South line of said South West 1/4 Section 300.85 feet to a point in the center of proposed 8th Avenue; thence Northerly along the center line of said 8th Avenue on a curved line (whose center lies to the West, having a radius of 1641.97 feet, and whose long chord is 214.52 feet long, and bears N. 3 degrees 43 minutes 19 seconds W.) a distance of 214.68 feet to a point of reverse curve, thence continuing Northerly along the center line of said 8th Avenue on a curved line (whose center lies to the East, having a radius of 1641.97 feet, and whose long chord is 214.52 feet long, and bears N. 3 degrees 43 minutes 19 seconds W.) a distance of 214.68 feet to the point of tangency; thence N. 0 degrees 01 minutes 25 seconds E. along the center line of said 8th Avenue 1316.00 feet more or less to a point in the center line of a proposed 66 foot road; thence N. 88 degrees 05 minutes E. along the center line of said proposed 66 foot road and said center line, extended, and parallel to the south line of said south West 1/4 Section 876.42 feet to a point in the West line of the Chicago, Milwaukee, St. Paul and Pacific Railroad right of way; thence S. 7 degrees 41 minutes 30 seconds W. along the West line of said right of way 1775.00 feet to a point in the South line of said South East 1/4 Section; thence S. 89 degrees 02 minutes W. along the South line of said south East 1/4 Section 306.34 feet to the place of beginning, excepting the Westerly 33 feet, the North 33 feet of the West 575.70 feet, and the South 33 feet for street purposes.

Tax Key No.: 10-040-0002.000

Property Address: 900 North Street

BHLIB:416119.1088991-01055

Statement of Encroachments

- The neighbor's asphalt pavement encroaches from 2.3 to 3.4 feet South of the North property line onto the subject property.
- A guy anchor encroaches 8.9 feet South of the North property line onto the subject property with no apparent easement as per the subject title commitment.
- A guy anchor encroaches 6.6 feet South of the North property line onto the subject property with no apparent easement as per the subject title commitment.
- A guy anchor encroaches 10.8 feet South of the North property line onto the subject property with no apparent easement as per the subject title commitment.
- A guy anchor encroaches 23.5 feet South of the North property line onto the subject property with no apparent easement as per the subject title commitment.
- The overhead electric and cable television lines encroach from 24.2 to 24.9 feet South of the North property line onto the subject property with no apparent easement as per the subject title commitment.
- A guy anchor encroaches 13.5 feet North of the South property line onto the subject property with no apparent easement as per the subject title commitment.
- A guy anchor encroaches 11.1 feet North of the South property line onto the subject property with no apparent easement as per the subject title commitment.
- A guy anchor encroaches 15.8 feet North of the South property line onto the subject property with no apparent easement as per the subject title commitment.

Surveyor's Measured Legal Description

Part of the Northeast Quarter of the Southwest Quarter, part of the Southeast Quarter of the Southwest Quarter, part of the Northwest Quarter of the Southeast Quarter, and part of the Southwest Quarter of the Southeast Quarter, Section 13, Township 10 North, Range 21 East, Village of Grafton, Ozaukee County, Wisconsin being more particularly described as follows:

Commencing at the South 1/4 corner of said Section 13; thence N01 degrees 27'37"W, 33.00 feet to a set 3/4" rebar on the North line of North Street (a 66.00 foot right of way) and the point of beginning; thence S88 degrees 05'00"W along the North line of North Street, 267.32 feet to a set 3/4" rebar on the East line of 8th Avenue (a 66.00 foot right of way); thence 184.66 feet along the East line of 8th Avenue and along the arc of a curve to the left having a radius of 1,674.93 feet and a long chord subtended bearing N04 degrees 18'21"W, 164.77 feet to a set 3/4" rebar; thence 210.36 feet along the East line of 8th Avenue and along the arc of a curve to the right having a radius of 1,608.93 feet and a long chord subtended bearing N03 degrees 43'19"W, 210.21 feet to a set 3/4" rebar; thence N00 degrees 01'25"E along the East line of 8th Avenue, 1,284.71 feet to a set 3/4" rebar on the South line of Power Street (a 66.00 foot right of way); thence N88 degrees 02'37"E along the South line of Power Street, 543.91 feet; thence N01 degrees 57'23"W, 333.00 feet to a point on the center line of Power Street; thence N88 degrees 02'37"E, 286.28 feet to a set 3/4" rebar on the West line of the Canadian National Railroad right of way (formerly the Chicago, Milwaukee, St. Paul and Pacific Railroad); thence S07 degrees 40'55"W along the West line of the Canadian National Railroad right of way, 1,741.62 feet to a set 3/4" rebar on the North line of North Street; thence S88 degrees 59'46"W along the North line of North Street, 311.64 feet to a set 3/4" rebar and the point of beginning. Subject to an Easement for Public Road Purposes over the Northerly 33.00 feet of the West 117.28 feet of the East 296.28 feet thereof.

Contained within said bounds 1,215,894 square feet or 27.9131 acres including right of way and 1,212,043 square feet or 27.8247 acres excluding right of way.

This description describes all the land described in the title commitment identified as First American Title Insurance Company Commitment Number NU494888 having an effective date of January 2, 2006.

Miscellaneous Notes

- All measured and recorded dimensions are the same unless noted otherwise.
- There is no visible evidence of cemeteries or burial grounds on the subject property.
- No monuments shown have identification numbers.
- There was no observable evidence of earth moving work, building construction or building additions within recent months.
- There were no changes in street right of way lines either completed or proposed, and available from the controlling jurisdiction.
- There was no observable evidence of recent street or sidewalk construction or repairs.
- There was no observable evidence of site use as a solid waste dump, sump or sanitary landfill.
- The utility locations shown hereon were determined by observable above ground evidence only. The surveyor was not provided with underground plans or above ground markings to determine any subsurface locations.

BASIS OF BEARINGS:

All bearings are referenced to the South line of the Southwest Quarter of Section 13, Township 10 North, Range 21 East, Village of Grafton, Ozaukee County, Wisconsin having a recorded bearing of S88 degrees 05'00"W, as per Map of Grafton Development Corporation's Rolling Meadows recorded September 29, 1953 in Volume H of Plats, Page 34 as Document Number 153450.

PARKING STALLS: LOT AREA:

394 Standard Stalls	1,215,894 square feet including right of way
7 Handicapped Stalls	27,9131 acres including right of way
	1,212,043 square feet excluding right of way
	27.8247 acres excluding right of way

FLOOD NOTE: By graphic plotting only, this property is in Zone X of the Flood Insurance Rate Map, Community Panel No. 550896 0062 D, which bears an effective date of 3-15-1991 and is not in a Special Flood Hazard Area. By telephone call dated 2-8-2006 to the National Flood Insurance Program (800-638-6620) we have learned this community does currently participate in the program. No field surveying was performed to determine this zone and an elevation certificate may be needed to verify this determination or apply for a variance from the Federal Emergency Management Agency.

Items Corresponding to Schedule B

- Public or private rights, if any, in such portion of the premises described herein as may be used, laid out or dedicated in any manner whatsoever, for street (highway) and/or alley purposes. This item is plotted hereon and does affect the subject property.
- Rights and easements (if any) in and to all railroad switches, sidetracks, spur tracks, and rights of way located upon or appurtenant to the premises described herein. This item is not plotted hereon as it does not affect the subject property.

Zoning Information

Zoning classification: The property is zoned M-1, Industrial District.

Height: The maximum allowable building height in this district is 3 stories or 45.00 feet for principal structures and 1 story or 15.00 feet for accessory structures.

Setbacks: In this district there is a 30.00 foot minimum required front yard setback, a 30.00 foot minimum required rear yard setback, a 10.00 foot minimum required side yard setback, and a 30.00 foot minimum required street side yard setback.

Bulk Restrictions: The zoning code allows for a maximum gross floor area ratio of 0.66, and a minimum landscape surface ratio of 0.25. The zoning code requires 2 parking stalls for every 1,000 square feet of floor area.

Source: The above information was obtained from the Village of Grafton, Wisconsin website located at www.village-grafton.wis.us. Questions can be answered by the Village of Grafton, Wisconsin Inspections Department. Phone: 1-262-375-5305

Tomahawk Project
B&C Project No. 20050045, 007
Grafton, WI
900 North Street, Grafton, Wisconsin 53024

Surveyor's Certification

TO: First American Title Insurance Company ("Title Company"); Metropolitan Title Company, Tecumseh Products Company, Tecumseh Power Company, Citicorp USA, Inc., as Administrative Agent, and its successors and assigns, as their interests may appear; and Bock & Clark Corporation.

I hereby certify that on the 8th day of February 2006: (a) on accurate, "as built" on the ground instrument survey entitled "ALTA/ACSM Land Title Survey" (the "Survey") of the premises (the "Property") known by the street address 900 North Street, Grafton, Wisconsin and municipal tax map parcel designation 10-040-0002.000, was conducted under my direction according to local professional practices; (b) the Survey and the information, courses and distances shown thereon are correct; (c) all monuments shown on the Survey actually exist, and the location, size and type of materials thereof are correctly shown; (d) the title lines and lines of actual possession of the Property are the same; (e) the size, location and type of all buildings and improvements on the Property are as shown on the Survey and all are within the boundary lines and applicable setback lines of the Property; (f) all zoning, use and density classifications and requirements as provided by the local Zoning Authority's office as referenced hereon or as revealed in record documents referenced within the title commitment are properly shown (including those related to the use, density, parking and building setback and height); (g) there are no visible sinkholes or mines on the Property; (h) there are no elevators located on the Property; (i) the Property has direct access to the following streets North Street, 8th Avenue, and Power Street, which are dedicated public ways; (j) there are no easements, rights-of-way, old highways or abandoned roads, lanes, driveways or uses affecting the Property appearing from a careful physical inspection of the same, other than those shown and depicted on the Survey; (k) except as shown on the Survey, there are no improvements thereon and there are no encroachments affecting the Property; (l) except as shown on the Survey, there are no visible discrepancies, conflicts, shortages in area or boundary line conflicts; (m) all recorded easements and other exceptions, as noted in Title Company/TA commitment No. NU494888, dated January 2, 2006, have been correctly plotted on the survey; (n) except as shown on the survey, there are no setback lines, party walls, encroachments or overhangs of any improvements on the property upon any easement, rights-of-way or adjacent land or encroachments of improvements located on adjacent land upon the Property; (o) there are no visible cemeteries or burying grounds on the Property; (p) based on an above ground visual inspection, all utility services required for the operation of the Property either enter the Property through adjoining public streets, or the Survey shows the point of entry and location of any visible utilities which pass through or are located on adjoining private land; (q) the Survey shows the location of any visible telephones, telegraph, electric or other power lines, wires and poles on the Property; (r) the parcel described on the Survey does not lie within flood or mudslide hazard areas in accordance with any maps entitled "Flood Insurance Rate Map," "Flood Hazard Floodway Boundary Map," "Flood Hazard Boundary Map" or "Flood Boundary and Floodway Map" published by the Federal Emergency Management Agency or any Flood Hazard Boundary Map published by the U.S. Department of Housing and Urban Development, which such map covers the area in which the Property is situated; (s) the Property is made up of one or more parcels, each of which constitutes a separate tax lot and none of which constitutes a portion of any other tax lot; and (t) there are no observable indications of recent building construction alterations, repairs, or street or sidewalk repairs on the Property.

The undersigned certifies that to the best of his professional knowledge, information and belief, this map or plot and the Survey on which it is based were made on the date shown below of the premises specifically described in First American Title Insurance Company Commitment No. NU494888, dated January 2, 2006 and were made: (i) in accordance with "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA and NSPS in 2005; (ii) in accordance with the "Survey Requirements for Tomahawk Surveys dated 1/13/05," and includes items 1, 2, 3, 4, 6, 7a, 7b1, 7c, 8, 9, 10, 11a, and 13 of Table A specifically defined therein, and (iii) Pursuant to the Accuracy Standards as adopted by ALTA and NSPS and in effect on the date of this certification, undersigned further certifies that in my professional opinion, as a land surveyor registered in the State of Wisconsin, the Relative Positional Accuracy of this survey does not exceed that which is specified therein.

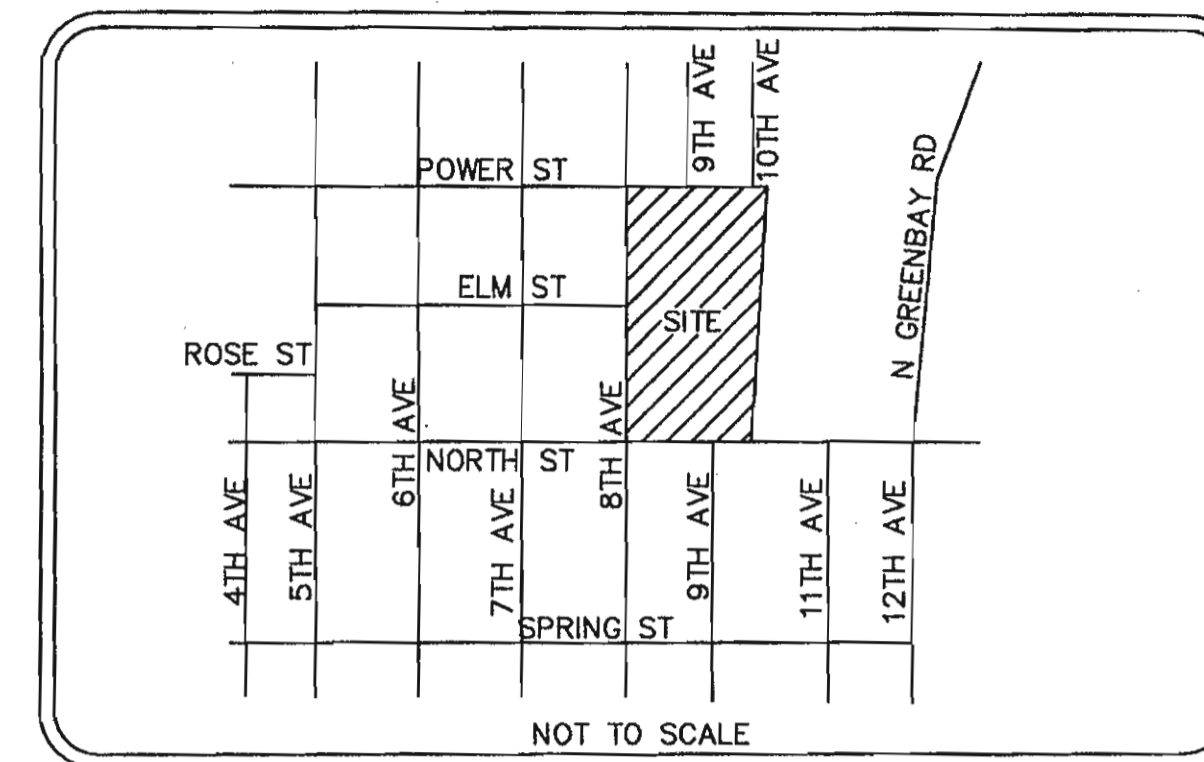
EXECUTED this 8th day of February, 2006.

Roland F. Sarko

Roland F. Sarko
Wisconsin Registered Land Surveyor
Registration Number S-1377
Date of Survey 2-8-2006
Date of Last Revision: 2-24-2006
Network Project No. 20050045-7



Survey Performed By:
Sarko Engineering Inc.
847 Highway JG
Mt. Horeb, WI 53572
Phone: 1-608-832-6297
Fax: 1-608-832-6349
E-mail: rsarko@mhtc.net



Vicinity Map

Legend of Symbols & Abbreviations

Power Pole	Flag Pole	Storm Manhole
Power Pole w/Light	Sign (As Noted)	Storm Inlet (Square)
Light Pole	Well Head	Storm Inlet (Round)
Telephone Pole	Satellite Dish	Curb Storm Inlet
Guy Wire	Tower	Storm Pipe
Sight Light	Water Valve	Sanitary Sewer
Ground Light	Fire Hydrant	Sanitary Clean Out
Electric Manhole	Siamese Fire Hydrant	Gas Valve
Telephone Manhole	Water Manhole	Gas Manhole
Telephone Pedestal	Water Meter Pit	Gas Meter
Electric Meter	Water Meter	Gas Marker
Cable Box	Sprinkler Head	Indicates Mutual Ownership
Air Conditioner Unit	Indicates Handicapped Parking	Tree (As Noted)
Railroad Signals		
N. North	XX' DENOTES DISTANCE FROM BUILDING CORNER TO PROPERTY LINE	
S. South		
E. East	XX' DENOTES DISTANCE FROM BUILDING CORNER TO BUILDING SIDEWALL	
W. West		
Degrees	(XX.XX) DENOTES RECORDED AS DATA	
Feet or Minutes	SP _o Sprinkler Valve	
Inches or Seconds		
Sq. Square		
FL. Feet		
Vol. Volume		
Pg. Page		
O.R. Official Record		
Calc. Calculated		
Rec. Record		
R/W Right of Way		
C. Centeline		
L.		

Record Legal Description

RECORD LEGAL DESCRIPTION:

THAT PART OF THE SOUTHEAST 1/4 AND THE SOUTHWEST 1/4 OF SECTION 13, TOWN 10 NORTH, RANGE 21 EAST, IN THE VILLAGE OF GRAFTON, OZAUKEE COUNTY, WISCONSIN, BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHWEST 1/4 OF SAID SECTION; THENCE WEST ALONG THE SOUTH LINE OF SAID SOUTHWEST 1/4 SECTION 300.85 FEET TO A POINT IN THE CENTER OF PROPOSED 8TH AVENUE; THENCE NORTHERLY ALONG THE CENTER LINE OF SAID 8TH AVENUE ON A CURVED LINE (WHOSE CENTER LIES TO THE WEST, HAVING A RADIUS OF 1641.97 FEET, AND WHOSE LONG CHORD IS 214.52 FEET LONG, AND BEARS NORTH 3 DEGREES 43' 19" WEST) A DISTANCE OF 214.68 FEET TO A POINT OF REVERSE CURVE; THENCE CONTINUING NORTHERLY ALONG THE CENTER LINE OF SAID 8TH AVENUE ON A CURVED LINE (WHOSE CENTER LIES TO THE EAST, HAVING A RADIUS OF 1641.97 FEET, AND WHOSE LONG CHORD IS 214.52 FEET LONG, AND BEARS NORTH 3 DEGREES 43' 19" WEST) A DISTANCE OF 214.68 FEET TO THE POINT OF TANGENCY; THENCE NORTH 0 DEGREES 01' 25" EAST; ALONG THE CENTER LINE OF SAID 8TH AVENUE 1316.00 FEET MORE OR LESS TO A POINT IN THE CENTER LINE OF A PROPOSED 66 FOOT ROAD; THENCE NORTH 88 DEGREES 05' EAST ALONG THE CENTER LINE OF SAID PROPOSED 66 FOOT ROAD AND SAID CENTER LINE, EXTENDED, AND PARALLEL TO THE SOUTH LINE OF SAID SOUTHWEST 1/4 SECTION 876.42 FEET TO A POINT IN THE WEST LINE OF THE CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC RAILROAD RIGHT OF WAY; THENCE SOUTH 7 DEGREES 41' 30" WEST ALONG THE WEST LINE OF SAID RIGHT OF WAY 1775.00 FEET TO A POINT IN THE SOUTH LINE OF SAID SOUTHWEST 1/4 SECTION; THENCE SOUTH 89 DEGREES 02' WEST ALONG THE SOUTH LINE OF SAID SOUTHWEST 1/4 SECTION 306.34 FEET TO THE PLACE OF BEGINNING, EXCEPTING THE WESTERLY 33 FEET, THE NORTH 33 FEET OF THE WEST 575.79 FEET, AND THE SOUTH 33 FEET FOR STREET PURPOSES.

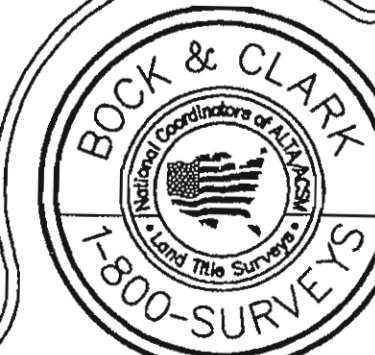
ALTA/ACSM Land Title Survey

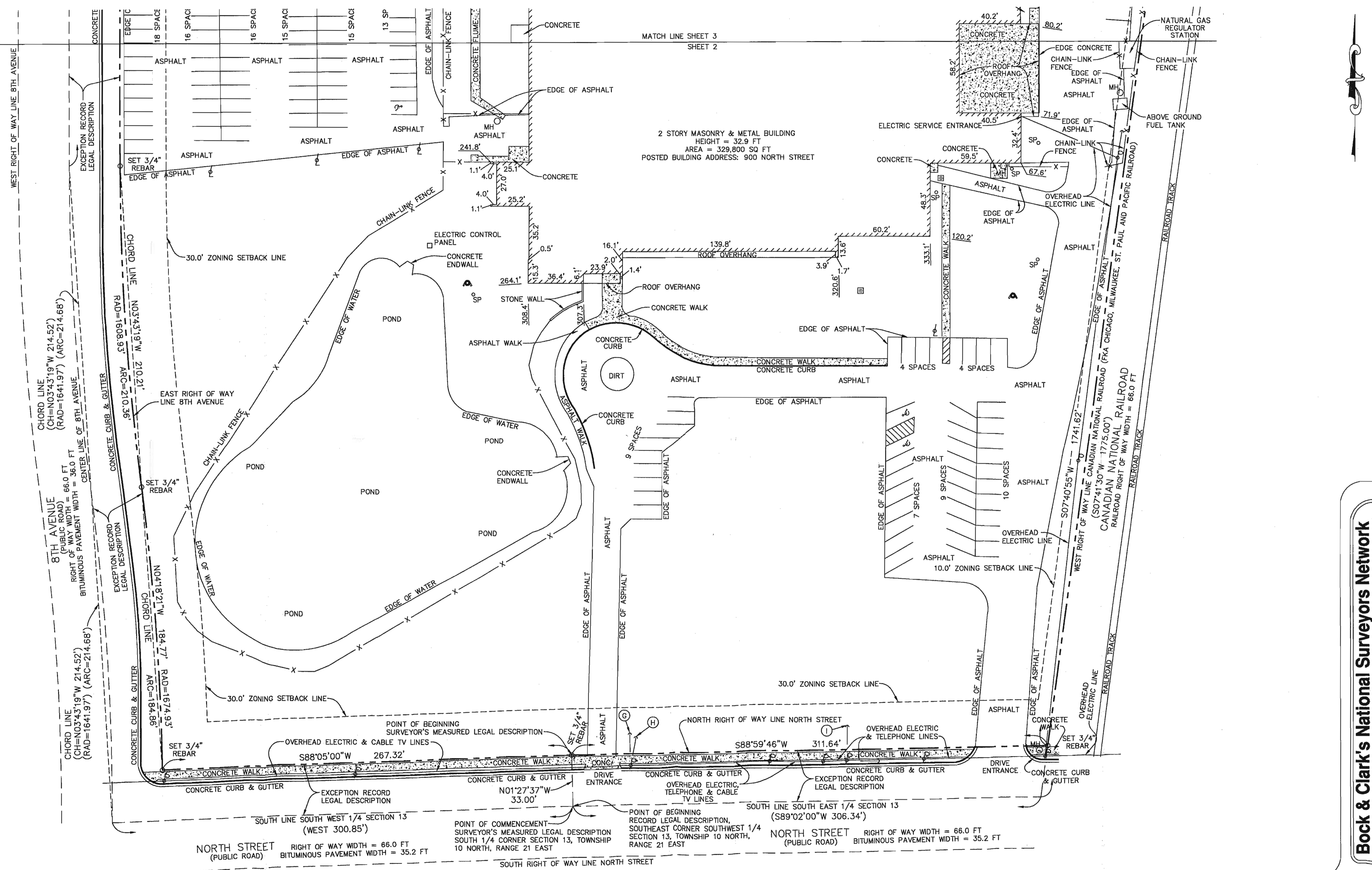
CERTIFICATION ON COLUMN TO THE LEFT

Survey Performed By:
Sarko Engineering Inc.
847 Highway JG
Mt. Horeb, WI 53572
Phone: 1-608-832-6297
Fax: 1-608-832-6349
E-mail: rsarko@mhtc.net

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National Coordinators of ALTA/ACSM Land Title Surveys
537 North Cleveland-Massillon Road
Akron, Ohio 44333
Phone: (800) Surveys, Fax: (330) 666-3608 www.1800surveys.com

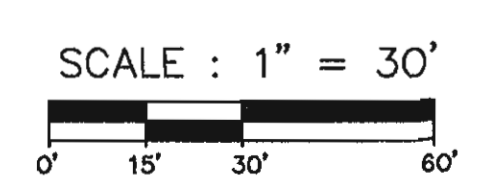
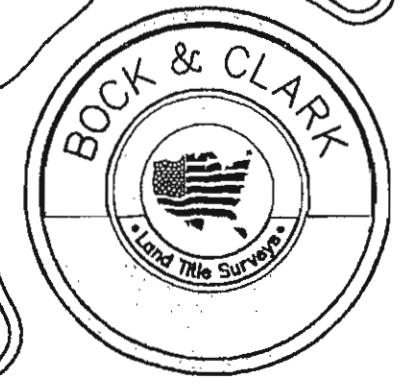




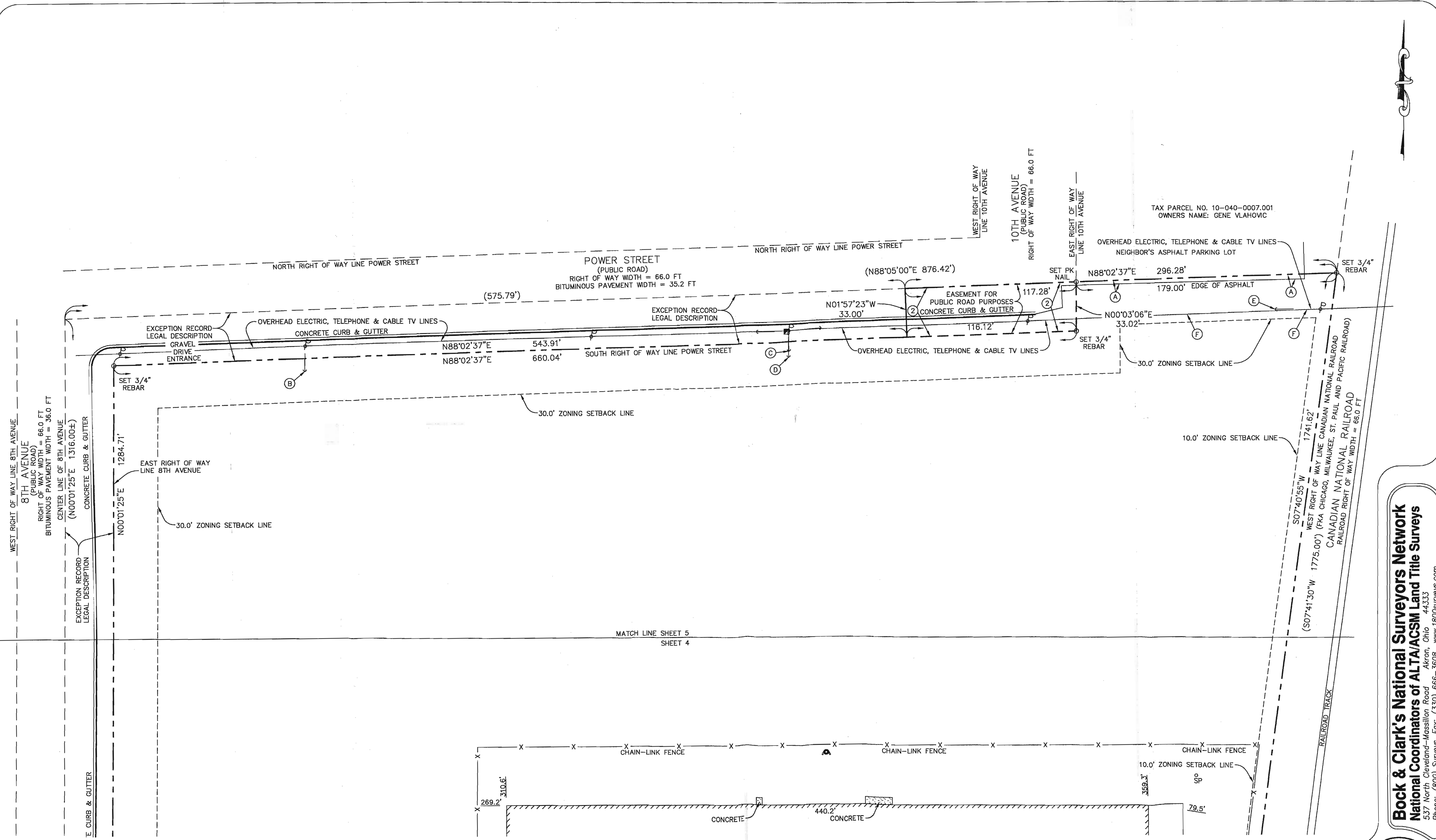
MATCH LINE SHEET 3
SHEET 2

2 STORY MASONRY & METAL BUILDING
HEIGHT = 32.9 FT
AREA = 329,800 SQ FT
POSTED BUILDING ADDRESS: 900 NORTH STREET

Bock & Clark's National Surveyors Network
National Coordinators of ALTA/ACSM Land Title Surveys
537 North Cleveland-Massillon Road Akron, Ohio 44333
Phone: (800) 366-3608 Fax: (330) 666-3608 www.1800surveyors.com

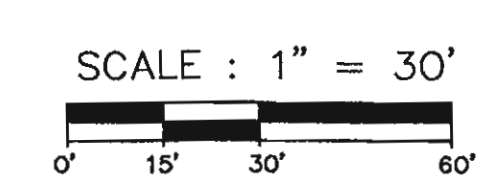
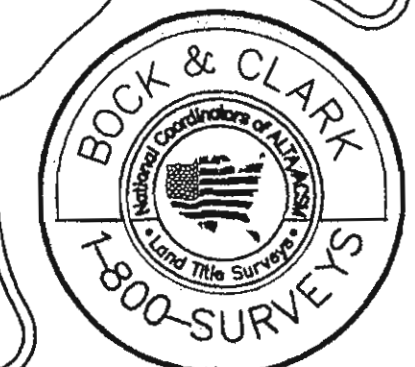


ALTA/ACSM LAND TITLE SURVEY
PREPARED FOR:
TOMAHAWK PROJECT
DATE: 2-8-2006
Project No. 20060045-007
Sheet 2 of 5



TAX PARCEL NO. 10-040-0007.001
OWNERS NAME: GENE VLAHOVIC

Bock & Clark's National Surveyors Network
 National Coordinators of ALTA/ACSM Land Title Surveys
 537 North Cleveland-Massillon Road Akron, Ohio 44333
 Phone: (800) Surveys, Fax: (330) 666-3608 www.1800surveys.com




ALTA/ACSM LAND TITLE SURVEY
 PREPARED FOR:
 TOMAHAWK PROJECT
 DATE: 2-8-2006
 Project No. 20060045-007
 Sheet 5 of 5

Certification Statement

As the designated representative for Tecumseh Products Company and at the request of RMT, Inc., I am submitting this letter as written certification of the legal descriptions set forth in the GIS registry package.

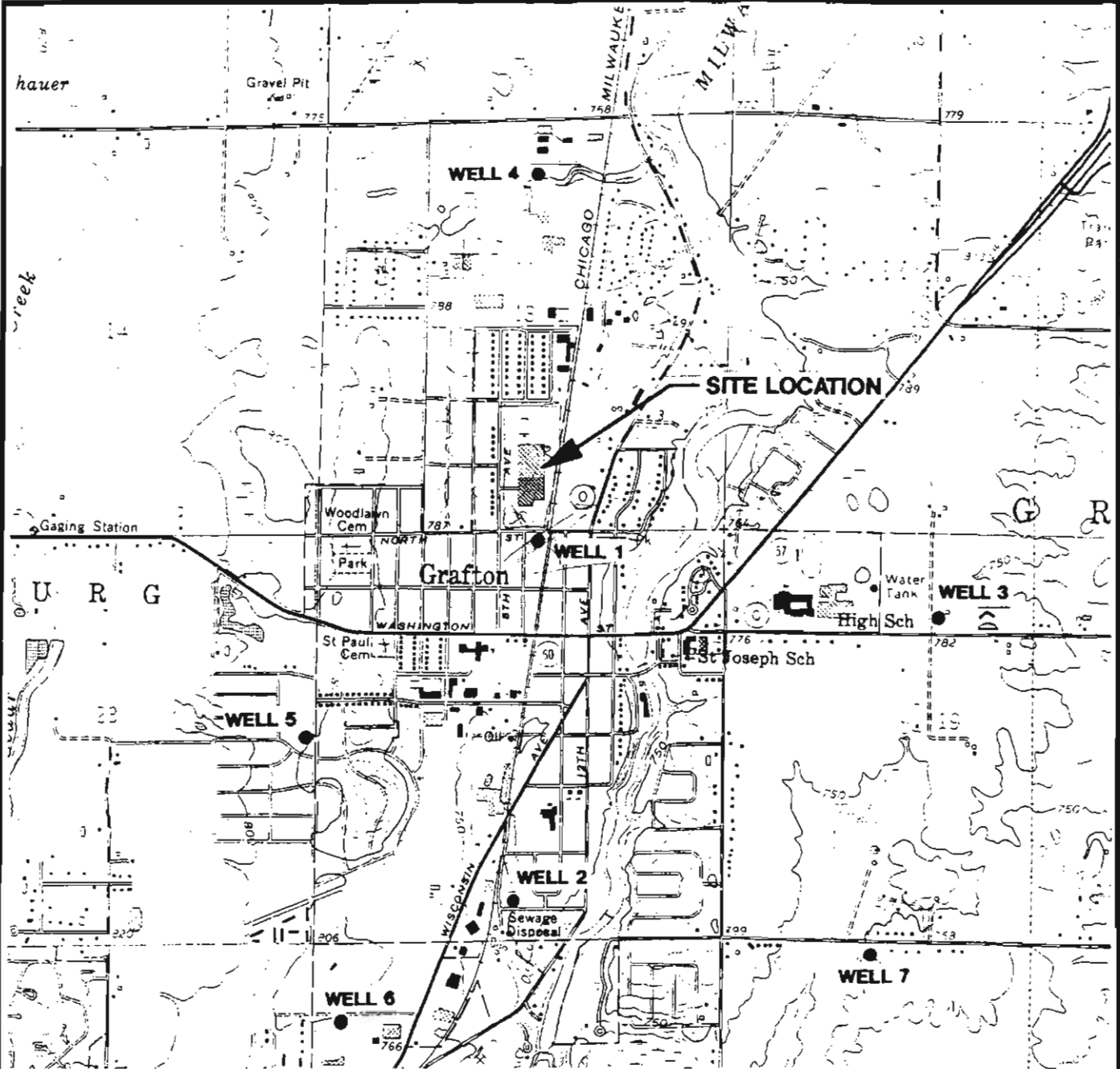
I certify that, to the best of my knowledge, the legal descriptions provided in the GIS package submitted by RMT, Inc., are complete and accurate with respect to the properties impacted by the release at the Tecumseh Power Company, Grafton, Wisconsin, Site.



Daryl McDonald
Tecumseh Products Company

February 19, 2007
Date

PLOT DATE: 09:19.3304 AM Thursday, March 20, 1997
 Plot Time: 20915 Bytes
 Plot Date: Attached Xref's: No xref's Attached.
 Dwg Size: 1" = 1"
 Operator Name: RBN
 Scale: J:\03084\18\30841822.DWG
 Drawing Name:



**SITE LOCATOR MAP
TECUMSEH PRODUCTS COMPANY
GRAFTON, WISCONSIN**

- LEGEND**
- WELL 5 VILLAGE OF GRAFTON WATER-SUPPLY WELL

SOURCE: BASE MAP FROM CEDARBURG, WI.
7.5 MIN. USGS QUADRANGLE.



DWN. BY: RBN
APPROVED BY: BWR
DATE: APRIL 1997
PROJ. # 3084.18
FILE # 30841822.DWG

FIGURE 1

UST SUMMARY TABLE		
UST #	SIZE (GAL)	REMOVAL DATE
T-1	2,000	10-19-1989
T-2	350	06-15-1992
T-3	350	06-15-1992
T-4	11,000	06-15-1992
T-5	500	10-18-1989
T-6	1,000	10-18-1989
T-7	300	12-06-1988
T-8	300	12-06-1988

TECUMSEH PRODUCTS COMPANY

MW-16 SB26VOC

LEGEND

- MW-10 WATER TABLE WELL
- ⊙ MW-3BR PIEZOMETER
- ⊕ SB8VOC SOIL BORING
- ==== RAILROAD
- PROPERTY LINE
- - - - ESTIMATED EXTENT OF RESIDUAL PAH AND PETROLEUM-RELATED SOIL IMPACTS
- F — FIRE LOOP
- SAN — SANITARY SEWER
- ST — STORM SEWER
- T-3 UST LOCATIONS (REMOVED) (SEE UST REMOVAL CHART - THIS SHEET)
- APPROXIMATE LIMITS OF SOIL EXCAVATION

NOTES

1. FACILITY LAYOUT ADAPTED FROM DRAWINGS PROVIDED BY TECUMSEH PRODUCTS COMPANY.
2. THE ESTIMATED EXTENT OF PAH AND PETROLEUM RELATED COMPOUNDS IN SOIL WAS ESTIMATED BASED ON VOC AND PAH DATA COLLECTED BY RMT IN 1994 AND 1995 AND ON DRO DATA COLLECTED BY FOX IN 1993. SEE ATTACHED FIGURES FOR SAMPLE LOCATIONS AND ANALYTICAL DATA.
3. UST TANK LOCATIONS ARE APPROXIMATE.
4. THE CONTENTS OF T-7 AND T-8 MAY BE TRANSPOSED. THE UNKNOWN CONTENT WAS LIKELY AVIATION FUEL BASED ON WRITTEN TEXT IN A LETTER FROM E&K DATED 12/08/88.

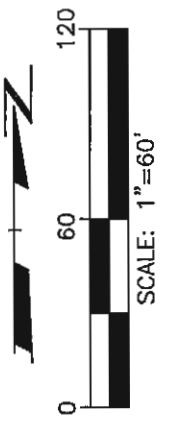
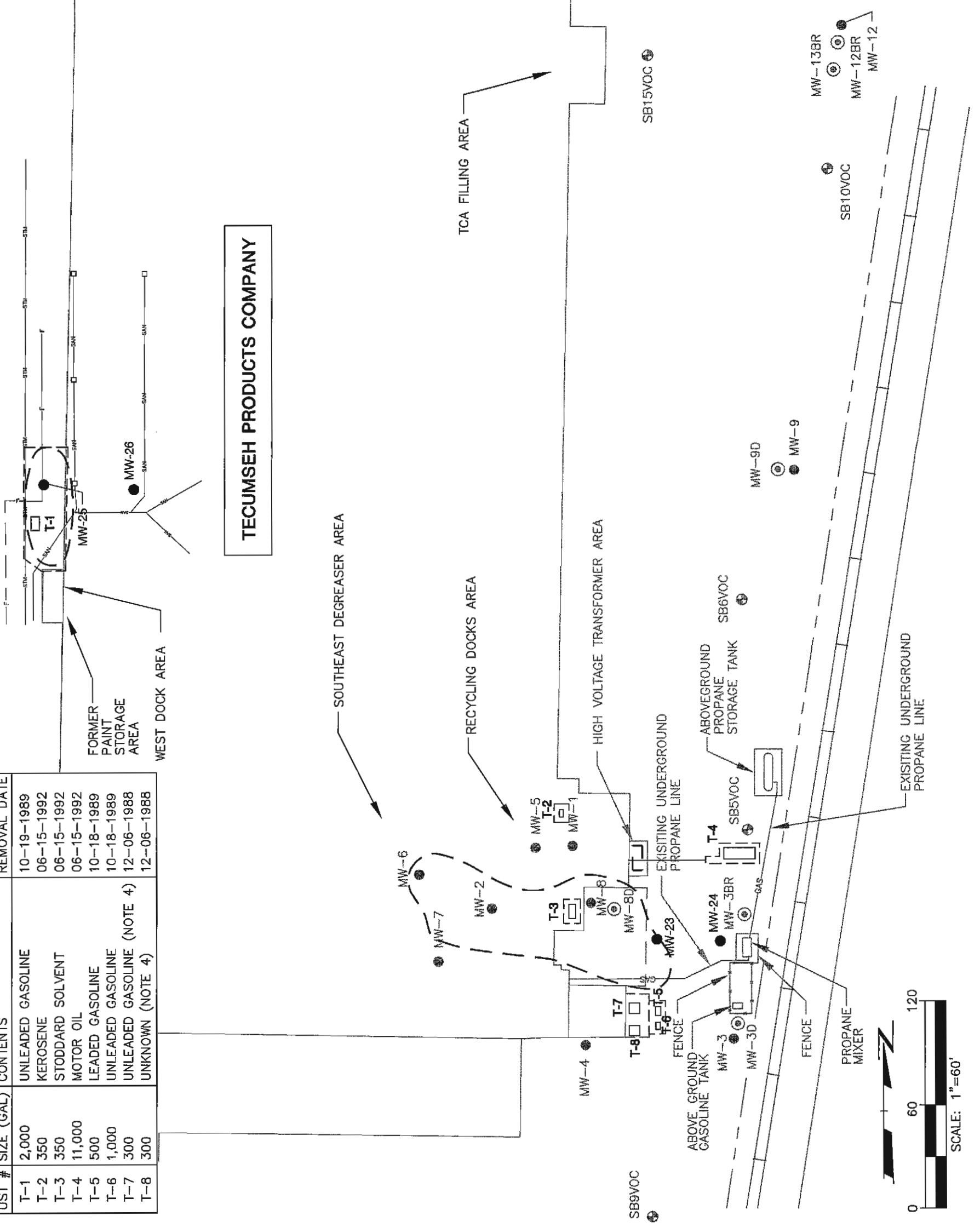
PROJECT: **TECUMSEH PRODUCTS COMPANY**
EXISTING IMPACTS - USTs
GRAFTON, WISCONSIN

SHEET TITLE: **SITE PLAN**

DRAWN BY: METZA SCALE: PROJ. NO. 07397.06
 CHECKED BY: AAS FILE NO. 73970601.DWG
 APPROVED BY: TRS DATE PRINTED: **FIGURE I-5**
 DATE: NOVEMBER 2008

744 Highland Trail
 Madison, WI 53717-1934
 P.O. Box 8923 53708-8923
 Phone: 608-831-4444
 Fax: 608-831-3334

RMT

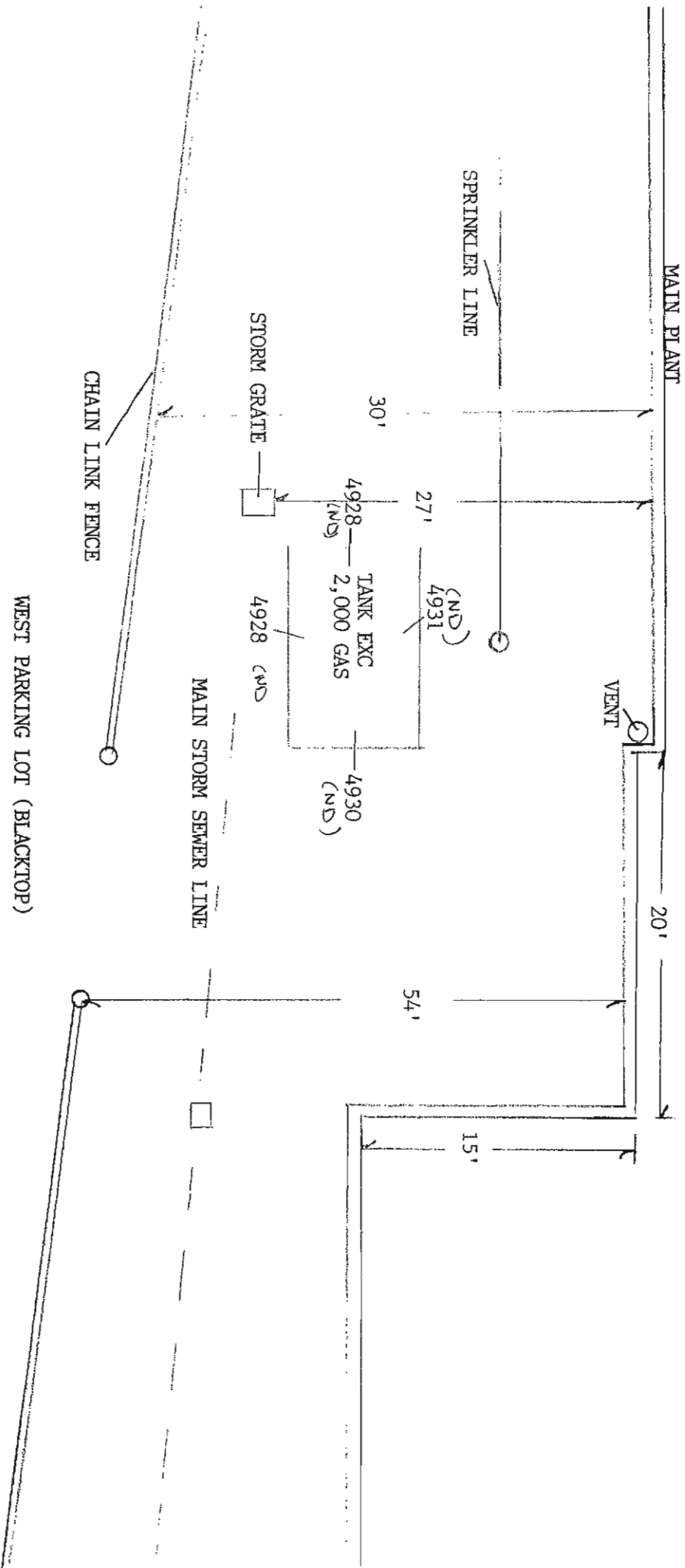


Tank 1 and West Dock Area



TECUMSEH PRODUCTS 900 NORTH STREET GRAFTON, WI 53024
2,000 GALLON UNLEADED GAS TANK
WEST SIDE OF MAIN PLANT

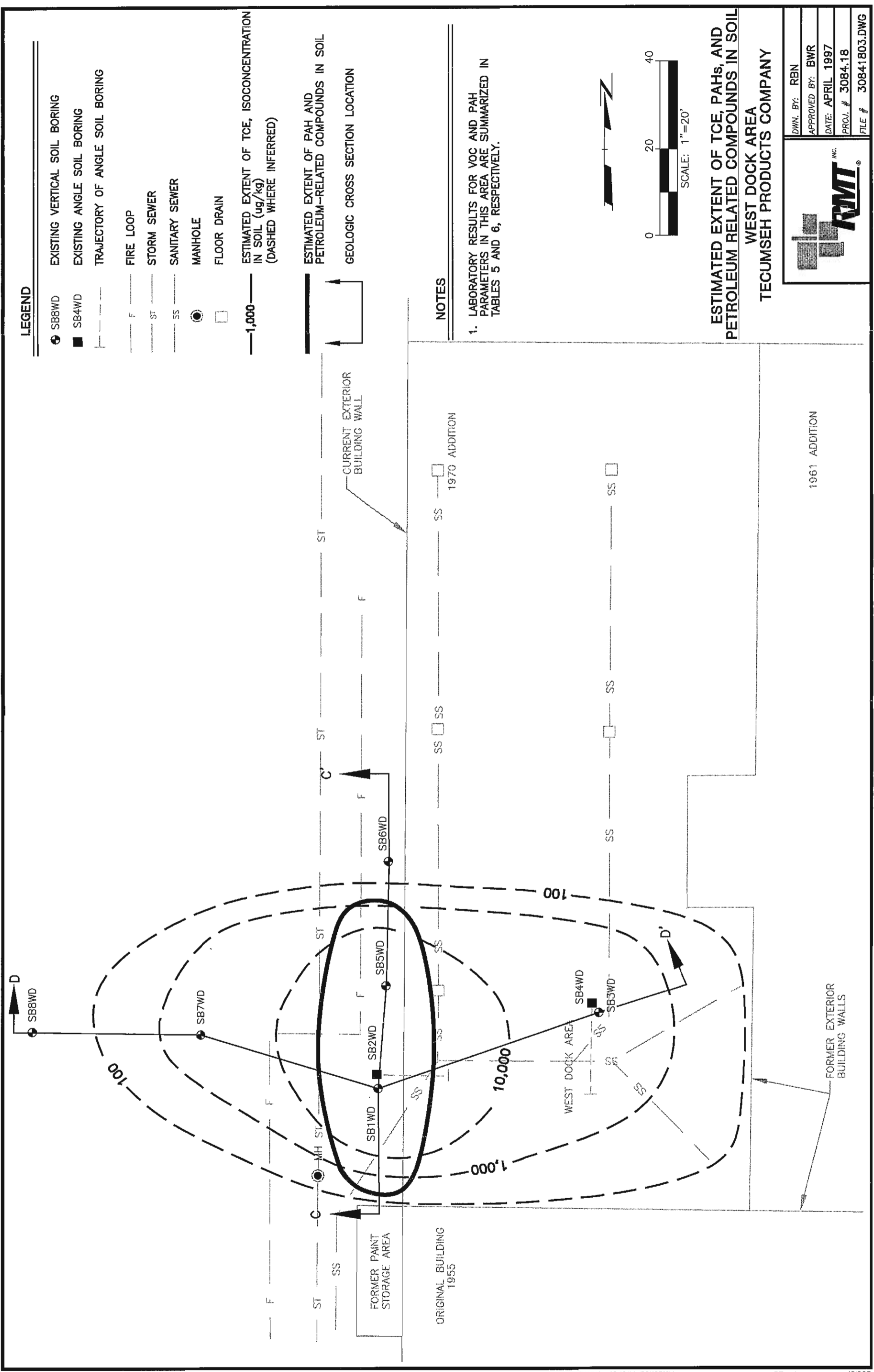
E & K SOIL SAMPLES #4928, 4929, 4930, 4931



E & K Hazardous Waste Services, Inc - Removal of Two USTs - letter dated April 25, 1990

WEST DOCK AREA	
TECUMSEH PRODUCTS COMPANY	
DWN. BY: RBN	APPROVED BY: BWR
DATE: APRIL 1997	PROJ. # 3084.18
FILE # 30841803.DWG	

ESTIMATED EXTENT OF TCE, PAHs, AND PETROLEUM RELATED COMPOUNDS IN SOIL



LEGEND

- SB8WD ● EXISTING VERTICAL SOIL BORING
- SB4WD ■ EXISTING ANGLE SOIL BORING
- TRAJECTORY OF ANGLE SOIL BORING
- F ----- FIRE LOOP
- ST ----- STORM SEWER
- SS ----- SANITARY SEWER
- MANHOLE
- FLOOR DRAIN
- 1,000 ESTIMATED EXTENT OF TCE, ISOCONCENTRATION IN SOIL (ug/kg) (DASHED WHERE INFERRED)
- ESTIMATED EXTENT OF PAH AND PETROLEUM-RELATED COMPOUNDS IN SOIL
- GEOLOGIC CROSS SECTION LOCATION

NOTES

1. LABORATORY RESULTS FOR VOC AND PAH PARAMETERS IN THIS AREA ARE SUMMARIZED IN TABLES 5 AND 6, RESPECTIVELY.

FIGURE 10

TABLE 5

**SUMMARY OF VOCs DETECTED IN SOIL - WEST DOCK AREA ($\mu\text{g}/\text{kg}$)¹
TECUMSEH PRODUCTS COMPANY**

Boring I.D.	SB1WD		SB2WD ²		SB3WD		SB4WD ²		SB5WD		SB6WD		SB7WD		SB8WD
	Sample Depth (feet below ground surface)		3.5-4.5	7.1-8.1	10-12	12.5-14.5	8.8-10.3	10.6-12.0	2.5-4.5	10-12	5-7	10-12	5-7	10-12	2.5-4.5
Benzene	77	< 1,100	3.1	5.1	2.3	3.3	< 56	< 57	< 220	< 1,200	< 1.1	< 6.0	< 120	< 6.0	< 1.2
n-Butylbenzene	21	< 1,100	47	< 1.1	< 1.1	< 1.2	< 56	< 57	3,300	< 1,200	< 1.1	< 6.0	< 120	< 6.0	< 1.2
sec-Butylbenzene	< 1.2	< 1,100	39	< 1.1	< 1.1	< 1.2	< 56	< 57	< 220	< 1,200	< 1.1	< 6.0	< 120	< 6.0	< 1.2
tert-Butylbenzene	< 2.4	< 2,300	11	< 2.2	< 2.2	< 2.4	< 110	< 110	1,100	< 2,400	< 2.2	< 12	< 230	< 12	< 2.3
1,1-Dichloroethane	13	< 1,100	< 1.1	< 1.1	4.6	< 1.2	< 56	< 57	1,200	< 1,200	< 1.1	< 6.0	< 120	< 6.0	< 1.2
cis-1,2-Dichloroethene	80	1,800	< 1.1	150 D	520 H,D	390 H,D	73	510	240	< 1,200	29	170	< 120	38	< 1.2
Ethylbenzene	350 D	< 1,100	6.8	< 1.1	< 1.1	< 1.2	< 56	< 57	400	< 1,200	< 1.1	< 6.0	< 120	< 6.0	< 1.2
Isopropylbenzene	4.2	< 1,100	23	< 1.1	< 1.1	< 1.2	< 56	< 57	930	< 1,200	< 1.1	< 6.0	< 120	< 6.0	< 1.2
p-Isopropyltoluene	4.2	< 1,100	32	< 1.1	< 1.1	< 1.2	< 56	< 57	8,100	< 1,200	< 1.1	< 6.0	< 120	< 6.0	< 1.2
Naphthalene	31	< 5,700	14	< 5.6	< 5.6	< 6.0	< 280	< 280	4,700	< 6,000	< 5.6	< 30	< 580	< 30	< 5.8
n-Propylbenzene	16	< 1,100	25	< 1.1	< 1.1	< 1.2	< 56	< 57	< 220	< 1,200	< 1.1	< 6.0	< 120	< 6.0	< 1.2
Toluene	180 D	< 1,100	< 1.1	< 1.1	< 1.1	< 1.2	< 56	< 57	< 220	< 1,200	< 1.1	< 6.0	< 120	< 6.0	< 1.2
1,1,1-Trichloroethane	< 1.2	< 1,100	< 1.1	< 1.1	4.5	< 1.2	< 56	< 57	8,900	< 1,200	< 1.1	< 6.0	< 120	< 6.0	1.6
Trichloroethene	7.6	110,000	1.3	280 D	1,100 H,D	290 H,D	1,800	840	< 220	49,000	9.1	8.0	8,100 D	70	19
1,2,4-Trimethylbenzene	560 D	< 1,100	< 1.1	< 1.1	< 1.1	< 1.2	< 56	< 57	2,300	< 1,200	< 1.1	< 6.0	< 120	< 6.0	< 1.2
1,3,5-Trimethylbenzene	36	< 1,100	4.6	< 1.1	< 1.1	< 1.2	< 56	< 57	2,700	< 1,200	< 1.1	< 6.0	< 120	< 6.0	< 1.2
Xylenes, total	780 D	< 3,400	19	< 3.4	< 3.4	< 3.6	< 170	< 170	< 670	< 3,600	< 3.3	< 18	< 350	< 18	< 3.5
Date	8/7/95		8/9/95		7/28/95		8/4/95		8/7/95		8/15/95		8/14/95		8/17/95

NOTES:

¹ This table includes only those compounds that were detected in at least one sample.

² Borings SB2WD and SB4WD were installed at a 45° angle. The sample depths have been adjusted to reflect the true depth below ground surface.

D Analyte value is from diluted analysis.

H Analysis was performed 1 day past the 14-day holding time for volatile organic analysis.

BOLD Bolded values indicate constituents that were detected at concentrations above the Method Detection Limit.

3/21/97

TABLE 6
SUMMARY OF PAH COMPOUNDS DETECTED IN SOIL
WEST DOCK AREA ($\mu\text{g}/\text{kg}$)¹
TECUMSEH PRODUCTS COMPANY

Draft NR 700 RCLs	Boring I.D.	SB1WD	SB2WD ²	SB4WD ²	SB5WD
	Sample Depth (feet below ground surface)	5-7	3.5-4.5	8.8-10.3	2.5-4.5
610	1-Methylnaphthalene	380 Q	< 380	< 370	1,800 Q
590	2-Methylnaphthalene	760 Q	< 380	< 370	3,100 Q
440	Naphthalene	< 2,000	< 380	< 370	880 Q
7,600	Phenanthrene	< 2,000	< 380	< 370	1,500 Q
	Date	8/7/95	8/9/95	8/4/95	8/7/95

NOTES:

¹ This table includes only those compounds that were detected in at least one sample.

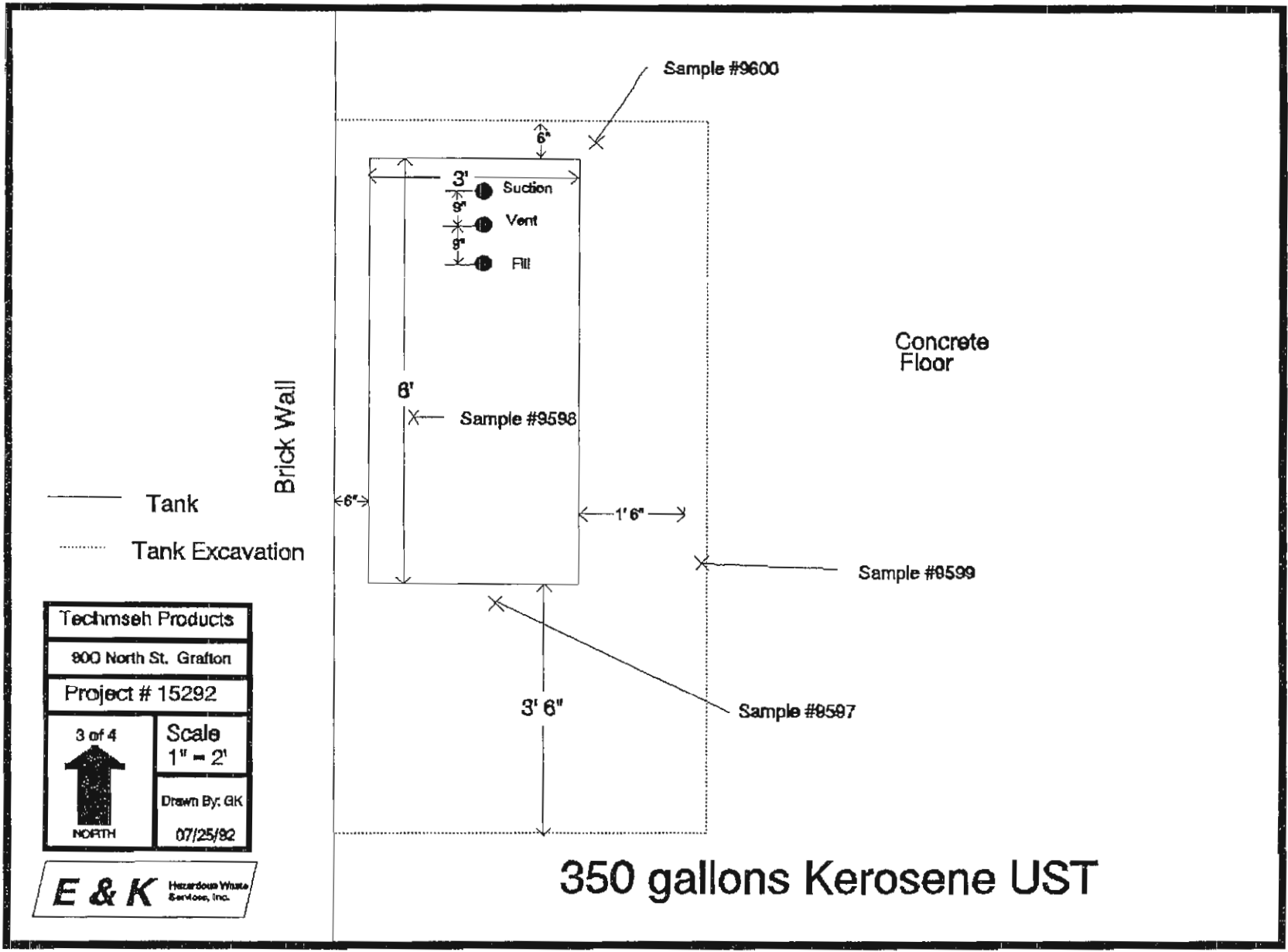
² Borings SB2WD and SB4WD were installed at a 45° angle. The sample depths have been adjusted to reflect the true depth below ground surface.

Q Qualitative mass spectral evidence of analyte present; concentration is less than the Practical Quantitation Limit.

RCL Residual Contaminant Level

3/21/97

Tank 2

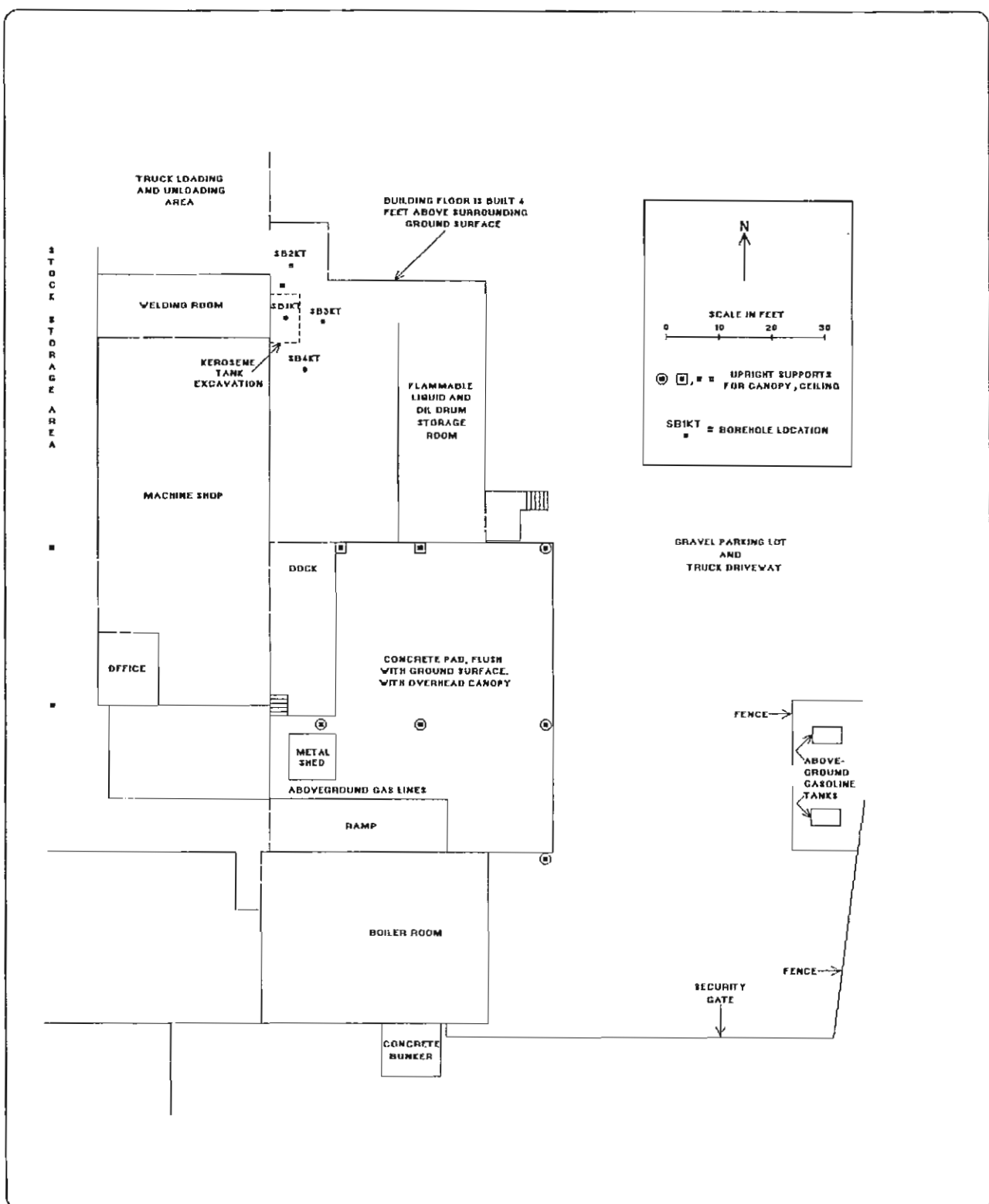


SITE ASSESSMENT AND TANK CLOSURE REPORT, E & K, AUGUST 1992

TABLE 2
Laboratory Results of Samples Collected at Kerosene UST

SAMPLE ID	LOCATION	ANALYSIS PERFORMED	RESULTS IN PPM
9597	South end bottom of tank excavation @ 6½' depth	WI DRO	32
9598	West side bottom of tank excavation @ 7' depth	WI DRO	450
9599	East side bottom of tank excavation @ 5½' depth	WI DRO	8400
9600	North end bottom of tank excavation @ 6' depth	WI DRO	110

KEROSENE LIST CLOSURE REPORT, FOX, OCTOBER 1993



fox environmental services, inc.
 5150 North Port Washington Rd.
 Suite 101
 Milwaukee, Wisconsin 53217
 (414) 332 - 5857

FIGURE 2
SOIL BORING LOCATIONS

PROJECT NO. 92513
OCTOBER, 1993

SB1KT was forced to terminate at about 8 feet due to interference from the rock and gravel fill. Two other borings could be advanced to just 4 feet for the same reason. Only soil boring SB2KT was advanced to a sufficient depth for site investigation purposes. A more powerful but larger drill rig was mobilized to the site, however the attempt to place it in the maintenance storage area failed due to the narrow wall openings.

Results

Impacts from DRO were detected in SB1KT 7 - 7.5 feet and SB1KT 8 - 8.5 feet at 230 and 390 ppm, respectively. No DRO impacts were detected in SB2KT 7.75 - 8.25 feet (lab ID SBKT2 4'-4.5') and SB2KT 9.75 feet - 10.25 feet (lab ID SBKT2 6'-6.5'). No PVOC or PAH impacts were detected in any of the samples. The results of the laboratory analyses are summarized in **Table 2** and a copy of the lab report is in **Appendix B**. A progress report was prepared by FOX and submitted to the WDNR with a letter to Giselle Red on November 25, 1992 from Tecumseh Products.

TABLE 2
First Phase Sample Results
September 11, 1992

	SB1KT 7' - 7.5'	SB1KT 8' - 8.5'	SB2KT 7.75' - 8.25'	SB2KT 9.75' - 10.25'
DRO (in parts per million)	230	390	<10	<10
PVOC (in parts per billion)	All BQL	All BQL	All BQL	All BQL
PAH (in parts per billion)	NS	All BQL	NS	NS

BQL = below quantification limit
 NS = no sample submitted for analysis

SITE INVESTIGATION (SECOND PHASE)

Prior to starting the second phase of the site investigation, FOX submitted a work plan with a letter to Giselle Red of the WDNR on March 31, 1993. On May 3 & 4, 1993 FOX mobilized another drill rig to the site, a compact but relatively powerful SIMCO D-25 skid rig. Two more borings, SB3KT and SB4KT, were drilled on the east and south sides, respectively, of the excavation backfill for the kerosene tank. The locations of these two borings are identified on **Figure 2**. Because of the presence of a brick wall on the western edge of the excavation and because of severe space constraints encountered in the welding room on the other side of this wall, no borehole could be placed on the west side of the excavation. Soil cores were collected every 2.5 feet with

a split spoon sampler and screened in the field with a Thermo Environmental, Model 580A, photoionization detector (PID). The soil was classified and entered on boring logs along with the field screening results (**Appendix A**). A thick, saturated sand formation was encountered at a depth of about 15 - 15.5 feet, underlying the clay described earlier. The borings were terminated in the saturated sand zone at depths of 17 and 16.5 feet, respectively. Two soil samples from each boring, for a total of four samples, were submitted to PAL for diesel range organics (DRO) and petroleum volatile organic compounds (PVOC) analyses.

Results

All four of the samples had DRO and PVOC results below the quantification limit (BQL), except for SB4KT 8.5 - 10 feet, which had an impact from toluene at 230 parts per billion (ppb). The results of the laboratory analyses are summarized in **Table 3** and a copy of the lab report is in **Appendix B**.

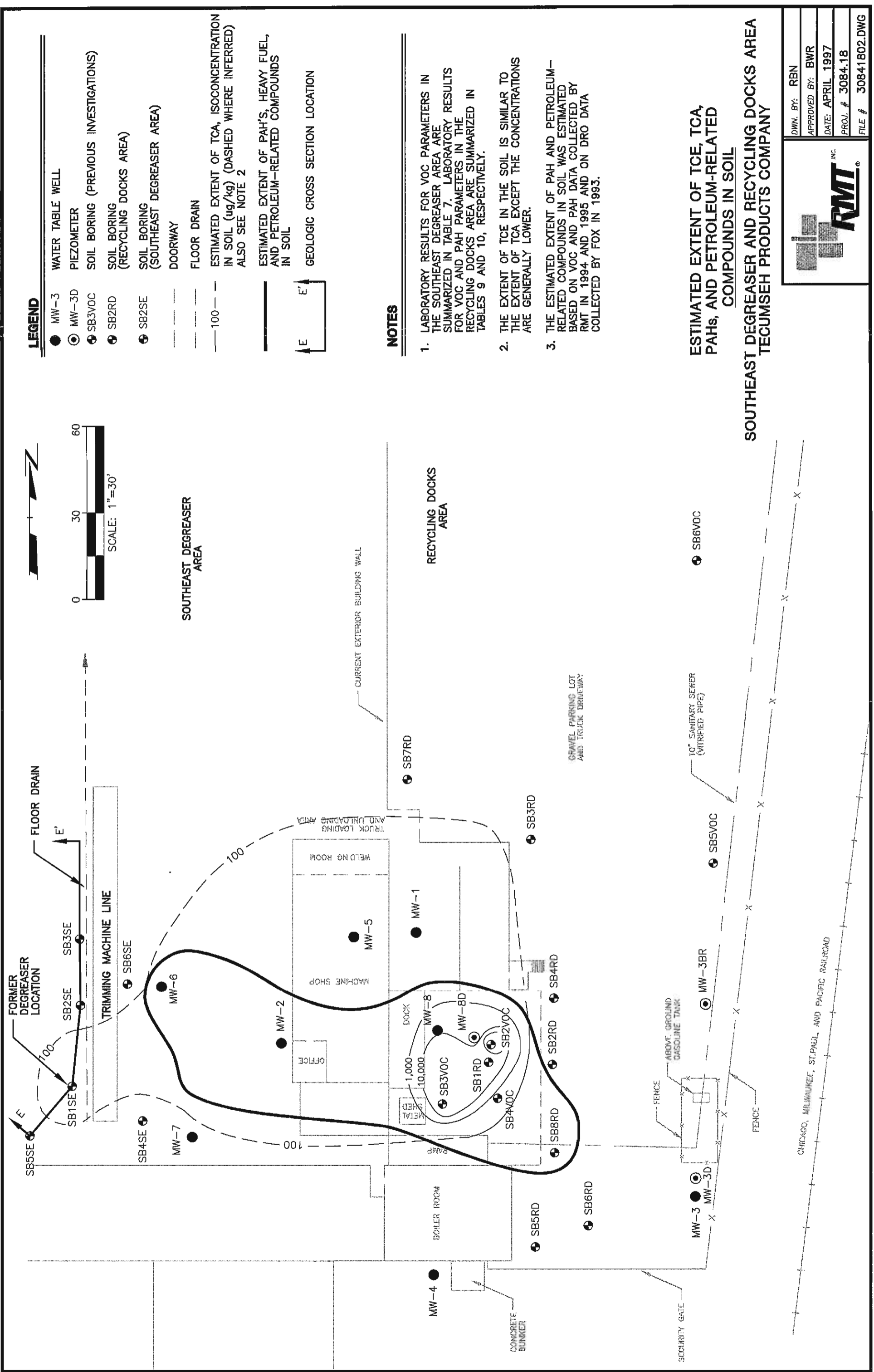
TABLE 3
Second Phase Sample Results
May 3 - 4, 1993

	SB3KT 8.5' - 10'	SB3KT 15.5' - 17'	SB4KT 8.5' - 10'	SB4KT 15' - 16.5'
DRO (in parts per million)	BQL	BQL	BQL	BQL
PVOC (in part per billion)				
Benzene	BQL	BQL	BQL	BQL
Ethylbenzene	BQL	BQL	BQL	BQL
Methyl-t-butylether	BQL	BQL	BQL	BQL
Toluene	BQL	BQL	230	BQL
1,2,4-Trimethylbenzene	BQL	BQL	BQL	BQL
1,3,5-Trimethylbenzene	BQL	BQL	BQL	BQL
Total Xylenes	BQL	BQL	BQL	BQL

SUMMARY

Following the removal of an underground kerosene storage tank and the determination of soil contamination during the closure assessment, FOX performed a two phase site investigation in and around the tank excavation. Borings were placed in two phases because the original drill rig was unable to auger past the rock and gravel fill beneath the concrete slab in some locations. Ultimately four borings were placed: one to the north, one to the east and one to the south of the tank excavation and one through the excavation backfill. The soils encountered consisted of several feet of sandy, gravelly,

Tank 3 and Recycling Dock/Southeast Degreaser Area



DWN. BY: RBN
 APPROVED BY: BWR
 DATE: APRIL 1997
 PROJ. # 3084.18
 FILE # 30841802.DWG

FIGURE 13

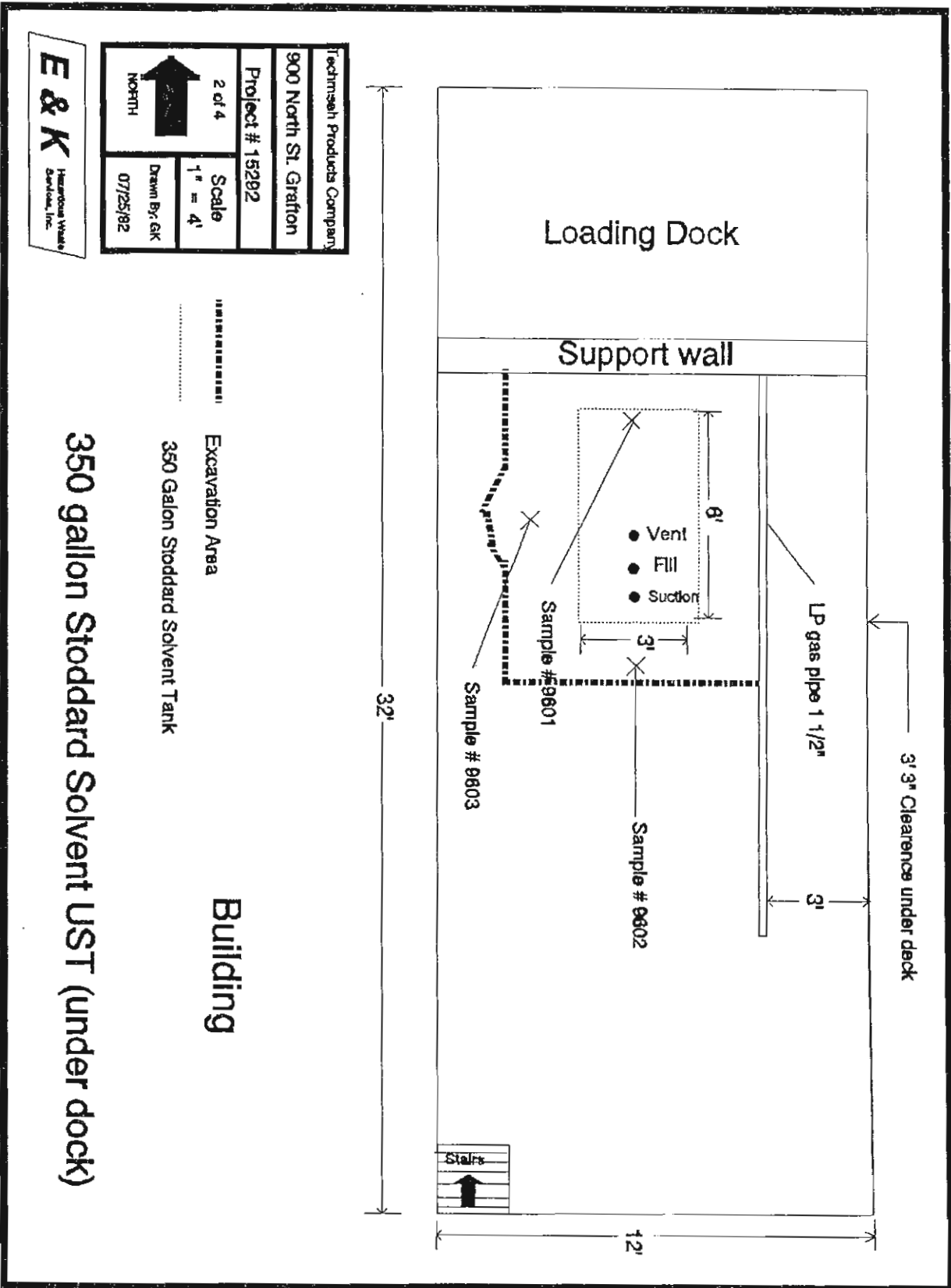
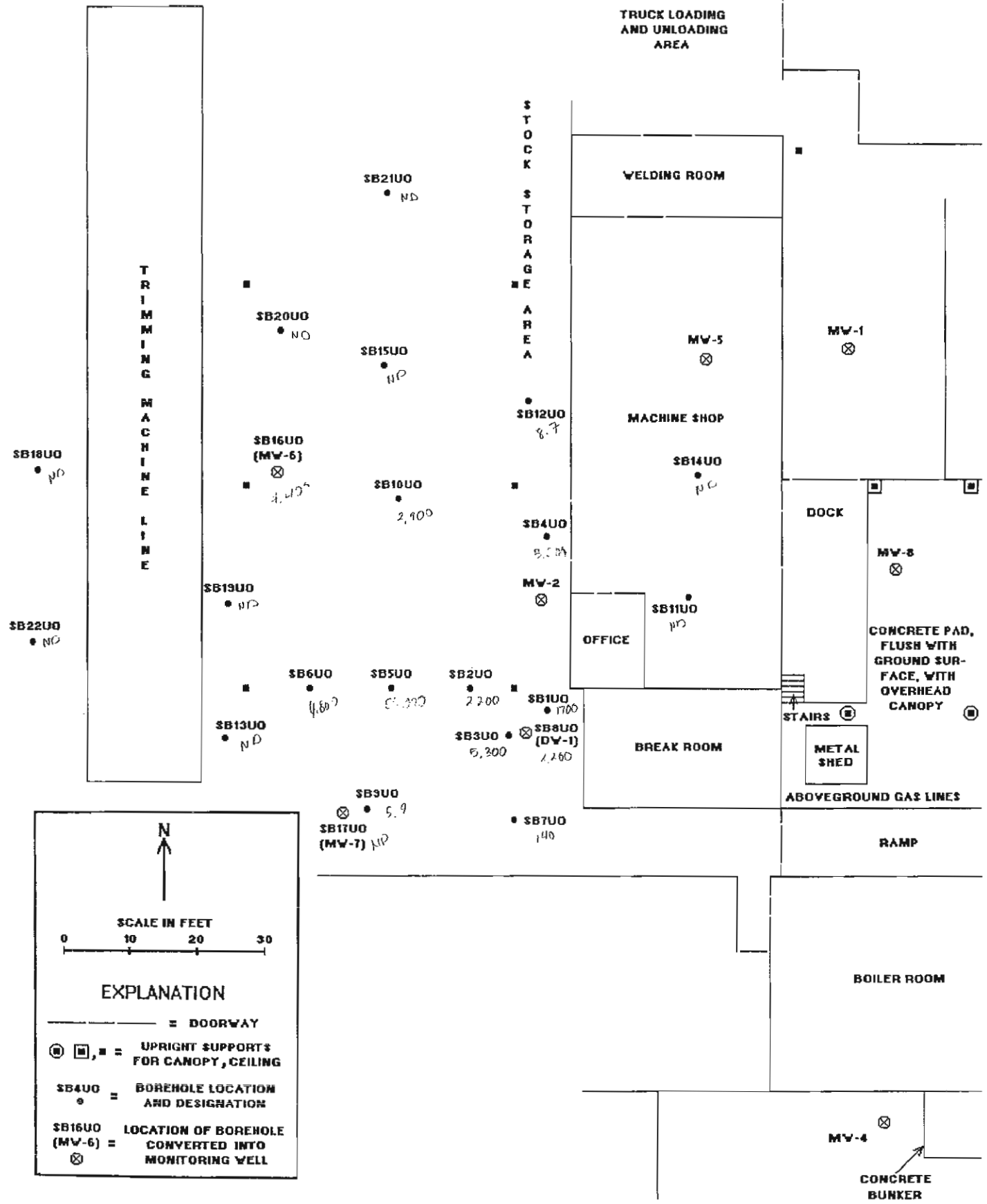


TABLE 3
Laboratory Results of Samples Collected from the 350 Gallon Stoddard Solvent UST

Sample ID	Location	Analysis Performed	Results in PPM
9601	North end bottom of tank excavation @ 3½' depth	WI GRO	< 5.0
9602	South end bottom of tank excavation @ 3½' depth	WI GRO	11
9603	Under piping elbow, west end of tank excavation @ 2' depth	WI GRO	17

FIGURE 2: SITE MAP
 TECUMSEH PRODUCTS CO., GRAFTON, WI
 FOX PROJECT # 92513

BUILDING FLOOR IS BUILT 4 FEET ABOVE SURROUNDING GROUND SURFACE



N
↑

SCALE IN FEET

0 10 20 30

EXPLANATION

— = DOORWAY

⊠, ⊡, ⊞ = UPRIGHT SUPPORTS FOR CANOPY, CEILING

● = BOREHOLE LOCATION AND DESIGNATION

⊗ (SB1600) = LOCATION OF BOREHOLE CONVERTED INTO MONITORING WELL

Soil Sample Results

The results of the laboratory analyses are summarized in Table 1 and copies of the lab reports are in Appendix C. Concentrations of DRO and/or heavier than DRO were detected in twenty two (22) of the forty four (44) samples (excluding duplicates), ranging from 1.1 to 62,800 parts per million (ppm). The analytical results received from PAL were poorly correlated with the field screening results. The DRO detected by the laboratory analyses is apparently of a type not readily detected by a PID using standard field screening techniques.

TABLE 1
Machine Oil Investigation Soil Sample Results
May 4 - July 21, 1993

	SB1UO 9.5' - 11'	SB1UO 14.5' - 16'	SB2UO 12' - 13.5'	SB2UO 13.5' - 15'	SB3UO 9.5' - 11'	SB3UO 13.5' - 15'	SB4UO 9.5' - 11'	SB4UO 13.5' - 15'
DRO (in parts per million)	1,700	12,000	2,200	BQL	5,300	9,700	5,200	BQL
Heavier than DRO (parts per million)	380	2,400	300	BQL	1,300	1,900	200	BQL

	SB5UO 2' - 3.5'	SB5UO 13.5' - 15'	SB6UO 7' - 8.5'	SB6UO 12' - 13.5'	SB7UO 9.5' - 11'	SB7UO 15' - 16.5'	SB8UO 2' - 3.5'	SB9UO 2.5' - 3'
DRO (in parts per million)	56,000	1,000	4,800	BQL	140	BQL	2,200	5.9
Heavier than DRO (parts per million)	6,800	87	550	NP	22	NP	980	3

	SB9UO 15' - 16'	SB10UO 3.5' - 5'	SB10UO 14.5' - 16'	SB11UO 9.5' - 11'	SB11UO 14.5' - 16'	SB12UO 4.5' - 6'	SB12UO 17' - 18.5'	SB13UO 4.5' - 6'
DRO (in parts per million)	BQL	2,900	21	BQL	10,000	8.7	BQL	BQL
Heavier than DRO (parts per million)	1.1	890	2.6	NP	1,200	1.8	NP	NP

	SB13UO 14.5' - 16'	SB14UO 9.5' - 11'	SB14UO 14.5' - 16'	SB15UO 2' - 3.5'	SB15UO 14.5' - 16'	SB16UO 2' - 3.5'	SB16UO 12' - 13.5'	SB16UO 14.5' - 16'
DRO (in parts per million)	BQL	BQL	BQL	440	BQL	4,400	2,000	5.1
Heavier than DRO (parts per million)	NP	2.2	2.3	320	NP	2,300	990	2.5

	SB18UO 7' - 8.5'	SB18UO 17' - 18.5'	SB19UO 2' - 3.5'	SB19UO 9.5' - 11'	SB19UO 14.5' - 16'	SB20UO 2' - 3.5'	SB20UO 9.5' - 11'	SB20UO 17' - 18.5'
DRO (in parts per million)	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Heavier than DRO (parts per million)	NP	NP	NP	NP	NP	NP	NP	NP

	SB21UO 2' - 3.5'	SB21UO 7' - 8.5'	SB22UO 4.5' - 6'	SB22UO 8.5' - 10'
DRO (in parts per million)	BQL	BQL	BQL	BQL
Heavier than DRO (parts per million)	NP	NP	NP	NP

BQL = Below Quantification Limit
NP = Not present

TABLE 1
Soil Sample Results
Tecumseh Products Company
October 18, 1993

Compounds	SB-1 7-8.5	SB1 9.5-11	SB-2 4.5-6	SB-2 11-12.5	SB-3 4.5-6	SB-3 9.5-11	SB-3 11-12.5	SB-4 2-3.5	SB-4 11-12.5
VOC (in ppb)									
n-Butylbenzene	BQL	3300	1300	33000	2500	NS	BQL	BQL	BQL
sec-Butylbenzene	BQL	1400	BQL	12000	890	NS	13	BQL	BQL
1,1-Dichloroethane	510	BQL	BQL	27000	BQL	NS	BQL	45	74
1,2-Dichloroethane	BQL	BQL	BQL	BQL	BQL	NS	BQL	9.8	BQL
1,1-Dichloroethene	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL
cis-1,2-Dichloroethene	1000	630	BQL	41000	BQL	NS	BQL	26	66
trans-1,2-Dichloroethene	45	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL
Ethylbenzene	87	3100	830	27000	1000	NS	BQL	BQL	BQL
Isopropylbenzene	BQL	720	BQL	BQL	BQL	NS	BQL	BQL	BQL
p-Isopropyltoluene	BQL	3800	1300	22000	1700	NS	26	BQL	BQL
Methylene Chloride **	98	BQL	BQL	24000	BQL	NS	31	17	8.9
Naphthalene	200	8300	3300	83000	5000	NS	13	BQL	9.3
n-Propylbenzene	BQL	1500	BQL	13000	800	NS	13	BQL	BQL
Tetrachloroethene	BQL	BQL	BQL	BQL	960	NS	BQL	12	BQL
Toluene	360	5200	1900	68000	1100	NS	BQL	BQL	BQL
1,1,1-Trichloroethane	970	10000	3600	670000	14000	NS	31	99	240
Trichloroethene	28	BQL	BQL	BQL	BQL	NS	BQL	7.5	BQL
1,2,4-Trimethylbenzene	200	13000	5400	130000	9700	NS	130	BQL	BQL
1,3,5-Trimethylbenzene	51	4100	1500	40000	2700	NS	36	BQL	BQL
Vinyl Chloride	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL
o Xylene	100	3700	1300	33000	1700	NS	13	BQL	BQL
m/p Xylene	270	9600	3100	88000	3900	NS	BQL	BQL	BQL

BQL = Below Quantification Limit

NS = Not Sampled

** = Methylene Chloride values are related to high background levels in the laboratory

TABLE 7

**SUMMARY OF VOCs DETECTED IN SOIL - SOUTHEAST DEGREASER AREA ($\mu\text{g}/\text{kg}$)¹
TECUMSEH PRODUCTS COMPANY**

Boring I.D.	SB1SE		SB2SE		SB3SE		SB4SE		SB5SE		SB6SE	
	Sample Depth ² (feet below floor surface)	5-7	10-12	7.5-9.5	12.5-14.5	2.5-4.5	7.5-9.5	7.5-9.5	10-12	5-7	10-12	2.5-4.5
n-Butylbenzene	< 1.1	< 5.7	< 1.1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2	< 6.5	< 6.0	2.9	< 1.2
sec-Butylbenzene	< 1.1	< 5.7	< 1.1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2	< 6.5	< 6.0	25	< 1.2
1,1-Dichloroethane	4.6	24	< 1.1	31	< 1.1	< 1.1	< 1.1	< 1.2	< 6.5	< 6.0	< 1.1	< 1.2
1,1-Dichloroethene	< 1.1	< 5.7	< 1.1	1.9	< 1.1	< 1.1	< 1.1	< 1.2	< 6.5	< 6.0	< 1.1	< 1.2
cis-1,2-Dichloroethene	2.3	6.9	< 1.1	14	4.0	< 1.1	< 1.1	< 1.2	< 6.5	< 6.0	< 1.1	< 1.2
p-Isopropyltoluene	< 1.1	< 5.7	< 1.1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2	< 6.5	< 6.0	2.1	< 1.2
1,1,2,2-Tetrachlorethane	1.2	< 5.7	< 1.1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2	< 6.5	< 6.0	< 1.1	< 1.2
Toluene	< 1.1	< 5.7	< 1.1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2	< 6.5	< 6.0	1.1	< 1.2
1,1,1-Trichloroethane	20	960 D	< 1.1	< 1.2	< 1.1	1.1	1.6	< 1.2	9.5	13	< 1.1	2.4
Trichloroethene	15	160	1.8	23	< 1.1	< 1.1	< 1.1	< 1.2	64	89	< 1.1	1.9
1,2,4-Trimethylbenzene	< 1.1	< 5.7	< 1.1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2	< 6.5	< 6.0	1.7	< 1.2
Date	8/1/95		8/1/95		8/2/95		8/2/95		8/2/95		8/3/95	

NOTES:

- ¹ This table includes only those compounds that were detected in at least one sample.
² Borehole depths are from the building floor surface, which is built 4 feet above the surrounding ground surface.
D Analyte value from diluted analysis.
BOLD Bolded values indicate constituents that were detected at concentrations above the Method Detection Limit.

3/21/97

TABLE 9

**SUMMARY OF VOCs DETECTED IN SOIL - RECYCLING DOCKS AREA (µg/kg)¹
TECUMSEH PRODUCTS COMPANY**

Boring I.D.	SB1RD		SB2RD		SB3RD		SB4RD		SB5RD	SB6RD	SB7RD		
	Sample Depth (feet below ground surface)	5-7	10-12	5-7	10-11.5	7.5-9.5	10-11	5-7	10-11.5	5-7	10-11.5	5-7	7.5-9.5
Benzene	< 560	< 110	< 1.1	< 5.8	< 5.7	< 60	< 1.1	14	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
n-Butylbenzene	16,000	4,700	< 1.1	< 5.8	< 5.7	< 60	5.0	< 6.0	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
sec-Butylbenzene	5,900	1,600	< 1.1	< 5.8	< 5.7	< 60	2.0	< 6.0	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
tert-Butylbenzene	5,300	1,500	< 2.3	< 12	< 11	< 120	< 2.3	< 12	< 2.3	< 2.4	< 2.3	< 2.3	< 12
1,2-Dibromo-3-chloropropane	< 560	< 110	< 1.1	< 5.8	< 5.7	< 60	2.0	< 6.0	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
1,1-Dichloroethane	< 560	450	5.7	71 D	< 5.7	< 60	< 1.1	120	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
1,2-Dichloroethane	< 560	< 110	< 1.1	< 5.8	< 5.7	< 60	< 1.1	< 6.0	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
cis-1,2-Dichloroethene	< 560	710	2.8	270 D	140	1,200	1.1	380 D	< 1.1	< 1.2	< 1.2	< 1.2	15
trans-1,2-Dichloroethene	< 560	< 110	< 1.1	15	< 5.7	< 60	< 1.1	6.9	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
1,2-Dichloropropane	< 560	< 110	1.1	< 5.8	< 5.7	< 60	< 1.1	< 6.0	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
Ethylbenzene	2,300	710	< 1.1	< 5.8	< 5.7	< 60	< 1.1	< 6.0	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
Hexachlorobutadiene	< 560	< 110	< 1.1	< 5.8	< 5.7	< 60	4.0	< 6.0	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
Isopropylbenzene	1,500	1,600	< 1.1	< 5.8	< 5.7	< 60	2.0	7.2	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
p-Isopropyltoluene	11,000	2,900	< 1.1	< 5.8	< 5.7	< 60	2.2	< 6.0	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
Methylene chloride	< 560	< 110	< 1.1	< 5.8	< 5.7	< 60	< 1.1	< 6.0	< 1.1	< 1.2	< 1.2	< 1.2	< 1.2
Naphthalene	13,000	1,000	< 5.7	< 29	< 29	< 300	5.7	< 30	< 5.7	< 6.0	< 5.8	< 5.8	< 29
n-Propylbenzene	1,900	790	< 1.1	< 5.8	< 5.7	< 60	< 1.1	< 6.0	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
Tetrachloroethene	< 1,100	< 230	< 2.3	< 12	< 11	< 120	< 2.3	< 12	< 2.3	< 2.4	< 2.3	< 2.3	< 12
Toluene	7,200	2,200	< 1.1	< 5.8	< 5.7	< 60	2.8	< 6.0	< 1.1	2.2	< 1.2	< 1.2	< 5.8
1,1,1-Trichloroethane	16,000	5,000 D	4.5	48	24	< 60	8.2	9.7	3.1	4.8	8.0	8.0	12
Trichloroethene	2,700	780	2.1	34	130	< 60	3.0	28	13	33	14	14	45
1,2,4-Trimethylbenzene	16,000	4,700	< 1.1	< 5.8	< 5.7	< 60	11	< 6.0	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
1,3,5-Trimethylbenzene	6,500	1,900	< 1.1	< 5.8	< 5.7	< 60	3.2	13	< 1.1	< 1.2	< 1.2	< 1.2	< 5.8
Xylenes, total	10,000	3,500	< 3.4	< 17	< 17	< 180	25	< 18	< 3.4	< 3.6	< 3.5	< 3.5	< 17
Date	8/1/95		8/1/95		8/2/95		8/1/95		8/16/95	8/16/95	8/2/95		

TABLE 9 (CONTINUED)

**SUMMARY OF VOCs IN SOIL - RECYCLING DOCKS AREA ($\mu\text{g}/\text{kg}$)¹
TECUMSEH PRODUCTS COMPANY**

Boring I.D. Sample Depth (feet below ground surface)	SB8RD		MW-8D	MW-8 ²		SB2VOC ²		SB3VOC ²		SB4VOC ²	
	7.5-9.5	10-11	5-7	7-8.5	9.5-11	4.5-6	11-12.5	4.5-6	11-12.5	2-3.5	11-12.5
Benzene	81	110 D	< 600	< 22	< 610	< 600	< 12,000	< 610	< 11	< 4.9	< 3.7
n-Butylbenzene	270 D	16	12,000	< 22	3,300	1,300	33,000	2,500	< 11	< 4.9	< 3.7
sec-Butylbenzene	10	4.2	880	< 22	1,400	< 600	12,000	890	13	< 4.9	< 3.7
tert-Butylbenzene	< 2.3	< 2.5	< 1200	< 22	< 610	< 600	< 12,000	< 610	< 11	< 4.9	< 3.7
1,2-Dibromo-3-chloropropane	< 1.2	< 1.2	< 600	< 22	< 610	< 600	< 12,000	< 610	< 11	< 4.9	< 3.7
1,1-Dichloroethane	< 1.2	< 1.2	1,500	510	< 610	< 600	27,000	< 610	< 11	45	74
1,2-Dichloroethane	< 1.2	< 1.2	< 600	< 22	< 610	< 600	< 12,000	< 610	< 11	9.8	< 3.7
cis-1,2-Dichloroethene	< 1.2	< 1.2	1,000	1,000	630	< 600	41,000	< 610	< 11	26	66
trans-1,2-Dichloroethene	< 1.2	< 1.2	< 600	45	< 610	< 600	< 12,000	< 610	< 11	< 4.9	< 3.7
1,2-Dichloropropane	< 1.2	< 1.2	760	< 22	< 610	< 600	< 12,000	< 610	< 11	< 4.9	< 3.7
Ethylbenzene	180 D	290 D	3,500	87	3,100	830	27,000	1,000	< 11	< 4.9	< 3.7
Hexachlorobutadiene	< 1.2	< 1.2	< 600	< 22	< 610	< 600	< 12,000	< 610	< 11	< 4.9	< 3.7
Isopropylbenzene	23	8.6	1,200	< 22	720	< 600	< 12,000	< 610	< 11	< 4.9	< 3.7
p-Isopropyltoluene	2.6	< 1.2	1,000	< 22	3,800	1,300	22,000	1,700	26	< 4.9	< 3.7
Methylene chloride	< 1.2	< 1.2	1,200	98 M	< 610	< 600	24,000 M	< 610	31 M	17 M	8.9 M
Naphthalene	86	11	5,900	200	8,300	3,300	83,000	5,000	13	< 4.9	9.3
n-Propylbenzene	140 D	27	2,100	< 22	1,500	< 600	13,000	800	13	< 4.9	< 3.7
Tetrachloroethene	< 2.3	< 2.5	< 1,200	< 22	< 610	< 600	< 12,000	960	< 11	12	< 3.7
Toluene	13	8.0	4,300	360	5,200	1,900	68,000	1,100	< 11	< 4.9	< 3.7
1,1,1-Trichloroethane	< 1.2	< 1.2	9,800	970	10,000	3,600	670,000	14,000	31	99	240
Trichloroethene	16	2.4	1,800	28	< 610	< 600	< 12,000	< 610	< 11	7.5	< 3.7
1,2,4-Trimethylbenzene	720 D	230 D	20,000	200	13,000	5,400	130,000	9,700	130	< 4.9	< 3.7
1,3,5-Trimethylbenzene	170 D	16	6,200	51	4,100	1,500	40,000	2,700	36	< 4.9	< 3.7
Xylenes, total	190 D	320 D	24,000	370	13,300	4,400	121,000	5,600	13	< 4.9	< 3.7

Date

8/1/95

NOTES:

- ¹ This table includes only those compounds that were detected in at least one sample.
² The samples from MW-8, SB2VOC, SB3VOC, and SB4VOC were collected by Fox Environmental Services, Inc., in October 1993.
D Analyte value is from diluted analysis.
M Methylene chloride values are related to high background levels in the laboratory.
BOLD Bolded values indicate constituents that were detected at concentrations above the Method Detection Limit.

3/21/97

TABLE 10

**SUMMARY OF PAH COMPOUNDS DETECTED IN SOIL
RECYCLING DOCKS AREA ($\mu\text{g}/\text{kg}$)¹
TECUMSEH PRODUCTS COMPANY**

Draft NR 700 RCLs	Boring I.D.	AS-1	SB1RD
	Sample Depth (feet below ground surface)	5-7	5-7
610	1-Methylnaphthalene	1,800	9,400
590	2-Methylnaphthalene	4,200	22,000
440	Naphthalene	2,000	11,000
210,000	Fluorene	200 Q	1,100 Q
7,600	Phenanthrene	370	< 3,700

NOTES:

¹ This table includes only those compounds that were detected in at least one sample.

Q Qualitative mass spectral evidence of analyte present; concentration is greater than the Method Detection Limit but less than the Practical Quantitation Limit.

RCL Residual Contaminant Levels

3/21/97

TABLE 15
SUMMARY OF VOCs DETECTED IN SOIL
NORTHERN AND WESTERN PROPERTY LINES (µg/kg)¹
TECUMSEH PRODUCTS COMPANY

Boring I.D.	Sample Depth (feet below ground surface)	cis-1,2-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Toluene
SB18VOC	12.5 - 14.5	< 1.1	< 1.1	< 1.1	< 1.1
SB19VOC	5 - 7	< 1.1	< 1.1	< 1.1	< 1.1
SB20VOC	10 - 12	< 1.2	< 1.2	< 1.2	< 1.2
SB21VOC	5 - 7	< 5.6	< 5.6	< 5.6	< 5.6
	12.5 - 14.5	< 1.1	1.4	2.1	< 1.1
SB22VOC	5 - 7	< 1.3	< 1.3	< 1.3	< 1.3
	12.5 - 14.5	< 1.1	1.1	1.1	< 1.1
SB23VOC	7.5 - 9.5	< 1.1	< 1.1	< 1.1	< 1.1
	15 - 17	< 1.1	1.2	< 1.1	< 1.1
SB24VOC	5 - 7	< 1.2	3.2	36	< 1.2
SB25VOC	7.5 - 9.5	< 5.6	< 5.6	160	< 5.6
	10 - 12	< 1.1	2.7	820 D	2.8
MW-16	5 - 7	5.1	1.6	41	< 1.1
	7.5 - 9.5	7.9	< 1.1	6.6	< 1.1

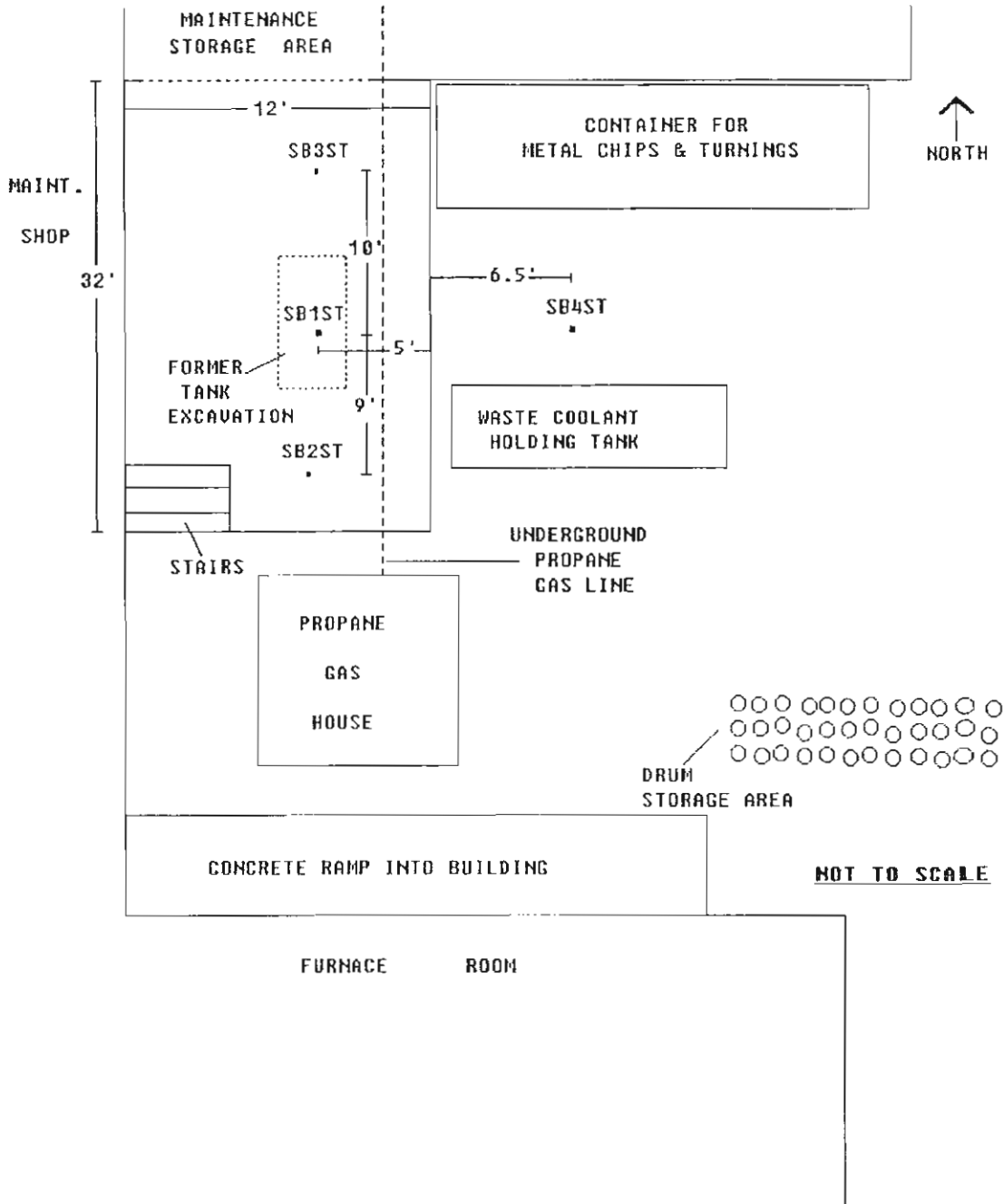
NOTES:

¹ This table includes only those compounds that were detected in at least one sample.

D Analyte value from diluted analyses.

BOLD Bolded values indicate constituents that were detected at concentrations above the Method Detection Limit.

3/21/97



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5150 North Port Washington Rd.
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Milwaukee, Wisconsin 53217
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FIGURE 2
SITE PLAN

PROJECT NO. 92513

OCTOBER, 1992

Concentrations of PVOC were detected in all nine samples ranging from 970 to 37,000 parts per billion (ppb). Field screening of the samples detected volatile contamination in all of the samples.

SUMMARY AND RECOMMENDATIONS

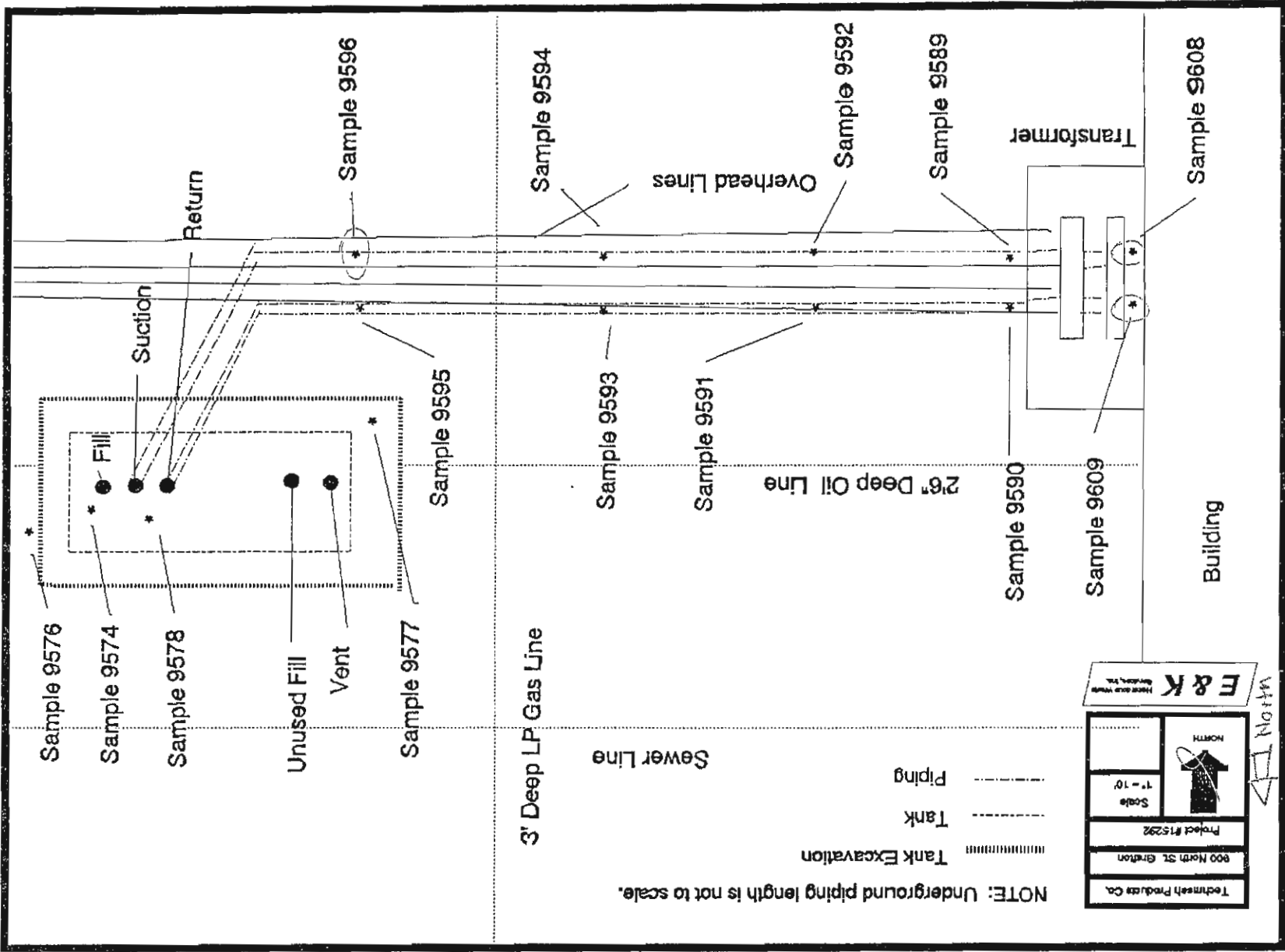
The results of the field screening and the laboratory analysis detected concentrations of GRO in all four soil borings. Groundwater or perched groundwater was encountered at various depths and contamination was also detected in these zones. FOX recommends the following actions:

- ◆ Notify the WDNR on the new status of the release involving the groundwater.
- ◆ Evaluate the data and the site with a hydrogeologist from FOX, and develop and implement a work plan for the placement of groundwater monitoring wells.
- ◆ Continue to determine the extent of the contamination with soil borings radially outward, primarily from SB4ST. If a more powerful drill rig can be mobilized into the maintenance storage area, soil borings should be placed north of SB3ST

**TABLE 1
STODDARD SOLVENT TANK**

	SB1ST 10' - 10.5'	SB1ST 14' - 14.5'	SB1ST 16' - 16.5'	SB2ST 8' - 8.5'	SB2ST 18' - 18.5'	SB3ST 12' - 12.5'	SB3ST 16' - 16.5'	SB4ST 8' - 8.5'	SB4ST 12' - 12.5'
GRO (in parts per million)	580	970	660	1,100	14	410	34	160	520
PVOC (in parts per billion)									
BENZENE	<500	<500	<210	<510	<100	<540	<100	<500	<500
ETHYLBENZENE	<500	4,500	2,700	6,100	<100	<540	<100	<500	<500
METHYL-T-BUTYLETHER	<500	<500	<210	<510	<100	<540	<100	<500	<500
TOLUENE	1,300	1,400	<210	970	<100	<540	<100	2,600	2,900
1,2,4-TRIMETHYLBENZENE	15,000	35,000	22,000	37,000	150	11,000	590	3,400	16,000
1,2,5-TRIMETHYLBENZENE	11,000	19,000	13,000	20,000	<100	6,300	330	1,400	8,100
TOTAL XYLENES	9,400	20,000	11,000	21,000	<100	4,700	160	2,800	11,000

Tank 4

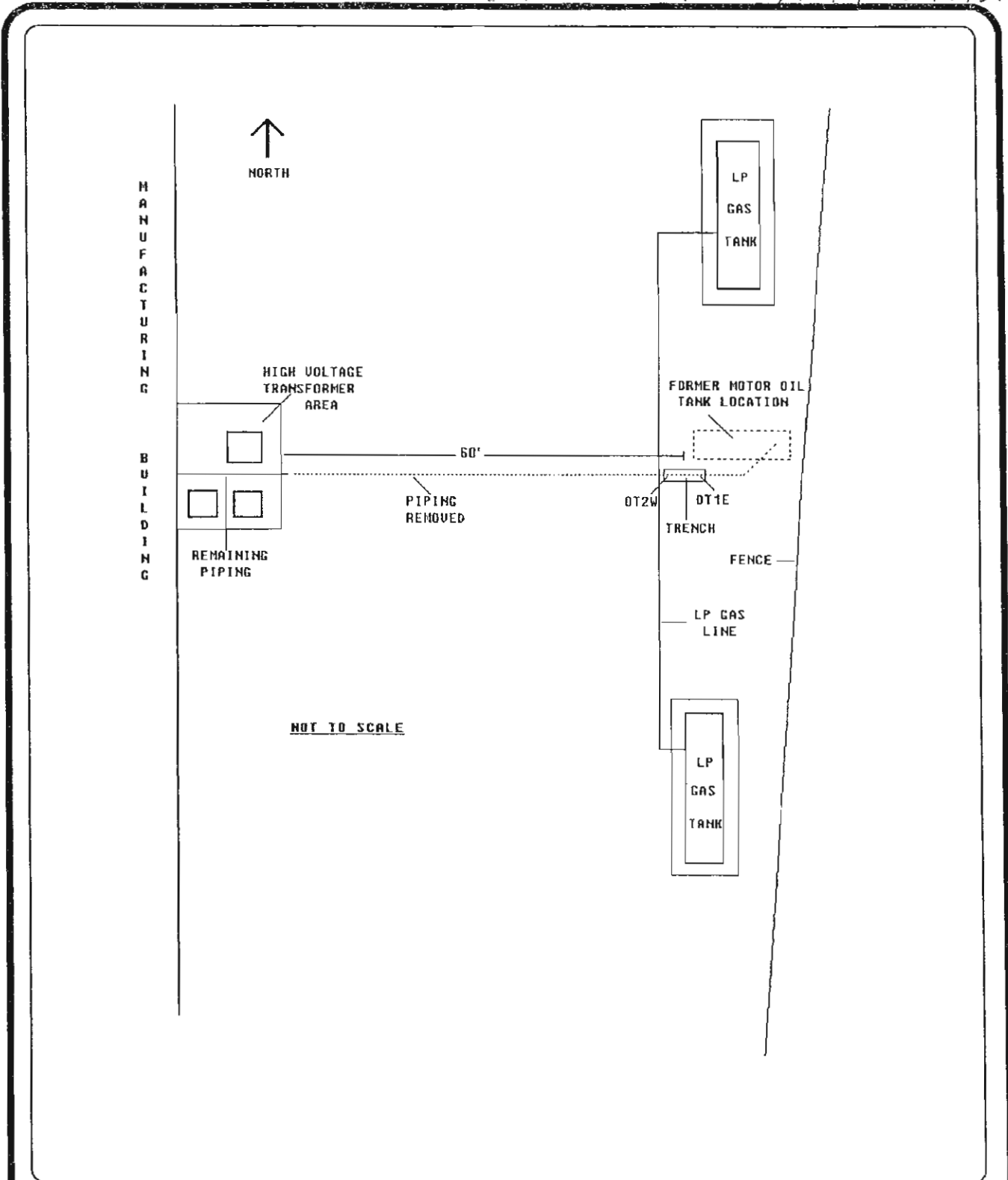


SITE ASSESSMENT AND TANK CLOSURE REPORT, F&K, AUGUST 1992

Table 1
Laboratory Results From 11,000 Gallon UST

SAMPLE ID	LOCATION	ANALYSIS PERFORMED	RESULTS PPM
9574	Groundwater from west end @ 17' depth	TRPH PAHs	0.24 See Appendix
9576	West end @ 15' depth	TRPH	< 5.0
9577	Northeast corner @ 12' depth	TRPH	< 5.0
9578	West end @ 16' depth	TRPH	< 5.0
9596	Piping suction side, 20' mark @ 2½' depth	TRPH	320
9595	Piping return side, 20' mark @ 2½' depth	TRPH	15
9594	Piping suction side, 40' mark @ 2½' depth	TRPH	< 5.0
9593	Piping return side, 40' mark @ 2½' depth	TRPH	< 5.0
9592	Piping suction side, 60' mark @ 2½' depth	TRPH	< 5.0
9591	Piping return side, 60' mark @ 2½' depth	TRPH	< 5.0
9589	Piping suction side, 80' mark @ 2½' depth	TRPH	< 5.0
9590	Piping return side, 80' mark @ 2½' depth	TRPH	< 5.0
9608	Suction pipe run at the east wall of building @ 2½' depth	TRPH	190
9609	Return pipe run at the east wall of building @ 2½' depth	TRPH	290

MOTOR OIL TANK PIPING REMEDIAL ACTION REPORT, FOX, OCT 1992



fox environmental services, Inc.
5150 North Port Washington Rd.
Suite 101
Milwaukee, Wisconsin 53217
(414) 332 - 5857

FIGURE 2
SITE PLAN

PROJECT NO. 92513

OCTOBER, 1992

MOTOR OIL TANK PIPING REMEDIAL ACTION REPORT, OCTOBER 1992

SUMMARY AND RECOMMENDATIONS

A significant reduction (from 320 ppm to 21 ppm) of the TRPH concentration was achieved by overexcavation of the soil, and no groundwater was encountered. FOX does not believe that any significant risk to the environment exists and recommends no further action.

The contamination found by E&K against the building is within a fenced high voltage electrical equipment area. Electrical grounding rods are buried throughout the area. FOX does not believe that a practical remedial action can be performed and, therefore, recommends no further action.

TABLE 1
MOTOR OIL TANK PIPING

	OT1E	OT2W
TRPH (in parts per million)	<5	21

Tanks 5–8

TECUMSEH PRODUCTS 900 ... 7TH STREET GRAFTON, WI 53024
 500 GALLON LEADED GAS
 1,000 GALLON UNLEADED GAS
 EAST SIDE OF MAIN PLANT
 M SAMPLE # 4924, 4925, 4926, 4927



ABOVE GROUND
 GASOLINE STORAGE

CHAIN LINK FENCE

GAS LINE

14'

POWER
 POLE

PLANT ROADWAY TO TECUMSEH EAST YARD

ROOF POST

10'

CEMENT PAD

PREVIOUS TANK EXCAVATION

4924 (ND)
 500

4926 (ND)
 1,000
 4927 (ND)
 4925 (ND)

30'

MAIN BUILDING

32'

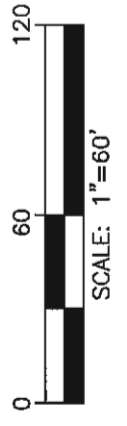
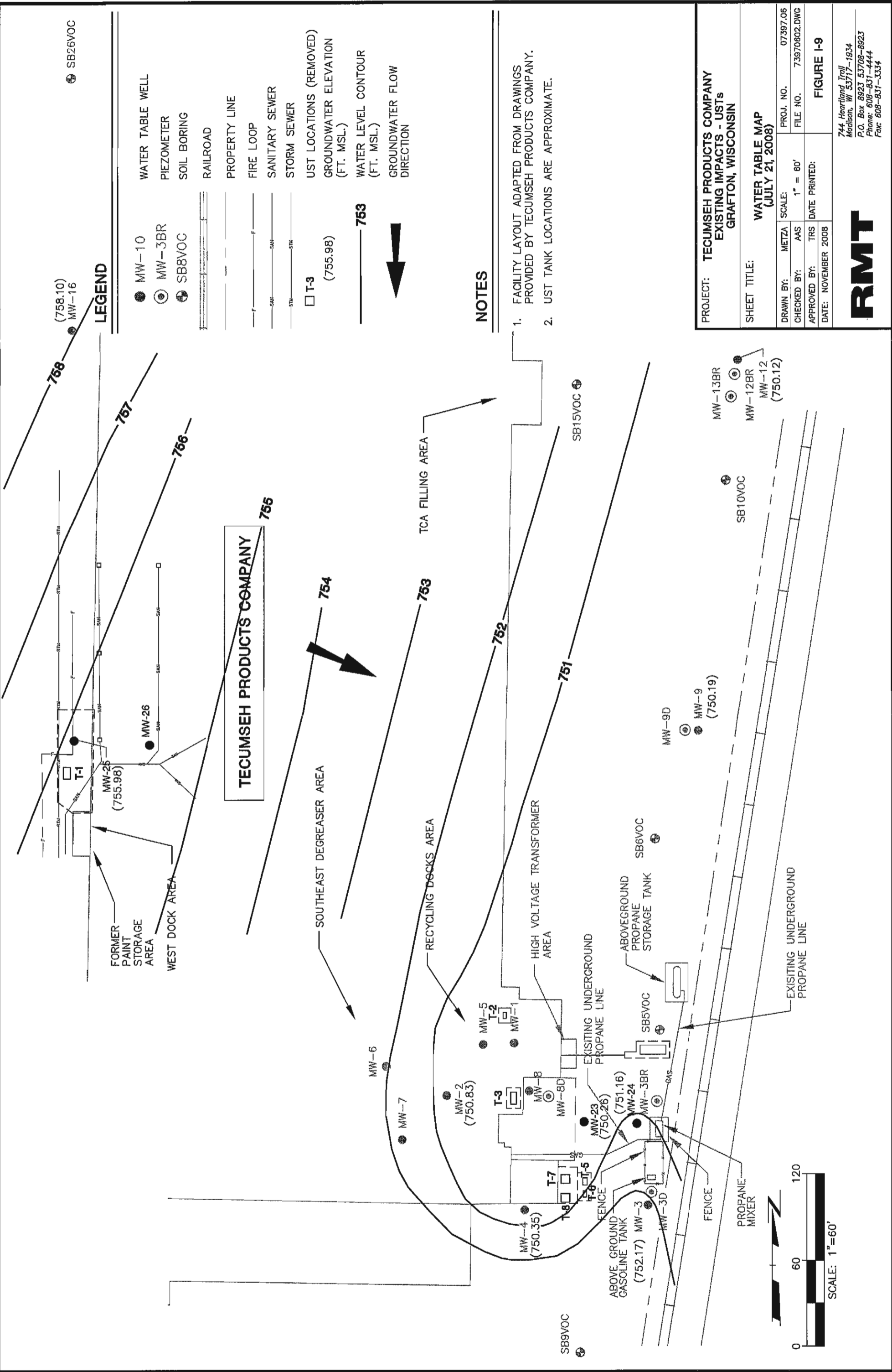
WATER LI

5: K Hazardous Waste Services, Inc - Removal of 3 USTS - letter dated April 25, 1990

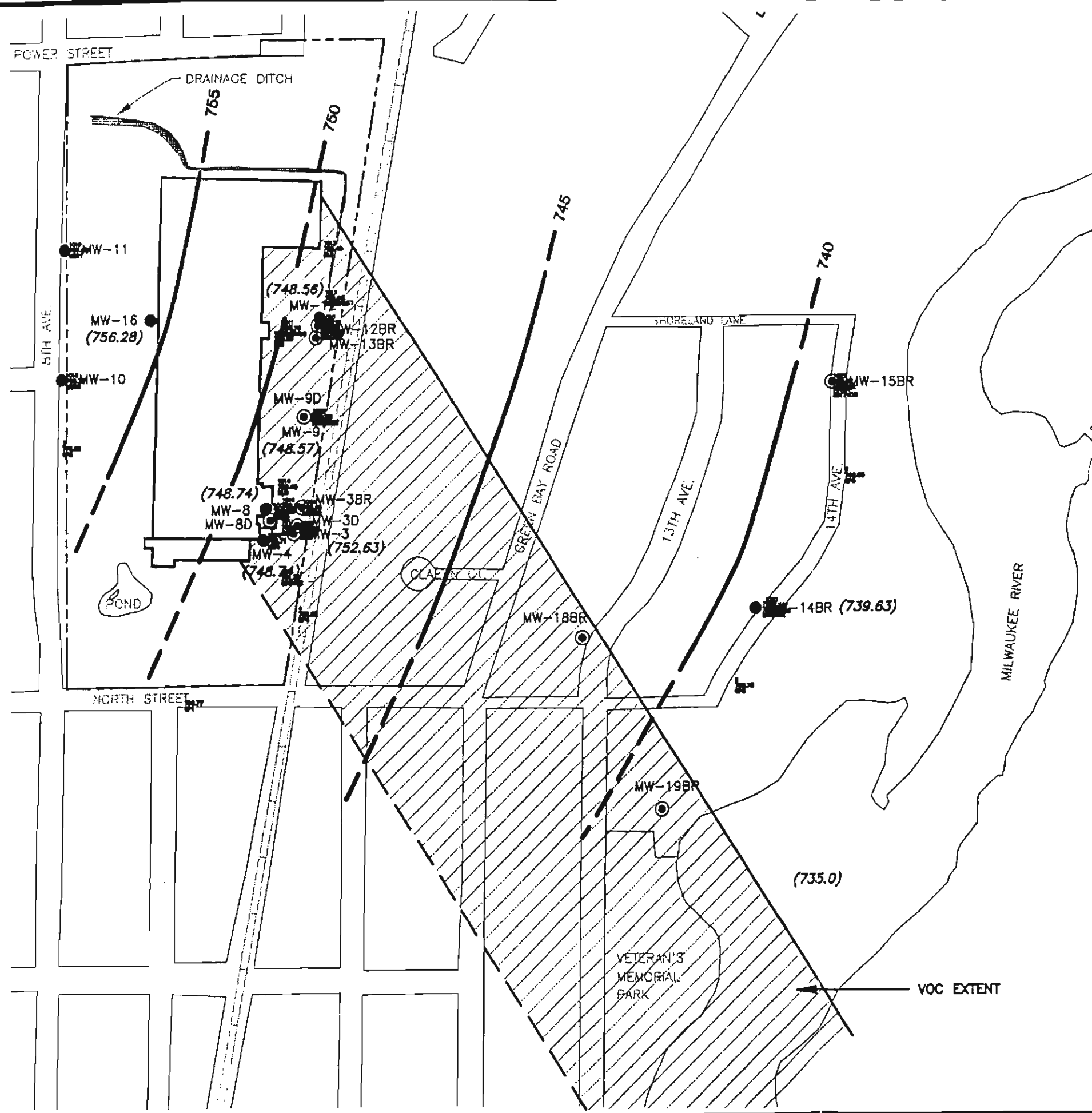
Table I-8 (Revised)
Groundwater Elevation Summary
Tecumseh Products – UST Closure Request – Grafton, Wisconsin

WELL	DATE	TOC ELEVATION (ft M.S.L.)	DEPTH TO WATER (feet)	WATER ELEVATION (ft M.S.L.)
MW-8	8/11/04	762.40	15.31	747.09
	8/10/05		16.55	745.85
	2/24/06		16.80	745.60
	8/15/06		15.86	746.54
MW-8D	8/11/04	758.98	11.14	747.84
	8/10/05		13.26	745.72
	2/24/06		12.45	746.53
	8/15/06		12.25	746.73
MW-23	8/11/04	758.8	11.22	747.58
	8/10/05		12.88	745.92
	2/24/06		13.26	745.54
	8/15/06		12.31	746.49
	7/21/08		8.54	750.26
MW-24R	8/11/04	758.87	10.41	748.46
	8/9/05		12.11	746.76
	2/24/06		12.29	746.21
	8/15/06		11.48	747.02
	7/21/08		7.71	751.16
MW-25	8/11/04	762.89	9.38	753.51
	8/9/05		11.34	751.55
	2/24/06		11.10	751.79
	8/15/06		10.59	752.30
	7/21/08		6.91	755.98
MW-26	8/11/04	762.90	14.23	748.67
	8/9/05		16.05	746.85
	2/24/06		16.22	746.68
	8/15/06		15.47	747.43
MW-2	7/21/08	762.81	11.98	750.83
MW-3	7/21/08	758.35	6.18	752.17
MW-4	7/21/08	762.12	11.77	750.35
MW-9	7/21/08	760.72	10.53	750.19
MW-12	7/21/08	759.51	9.39	750.12
MW-16	7/21/08	765.85	7.75	758.10

Created by: SAK
Checked by: MDW

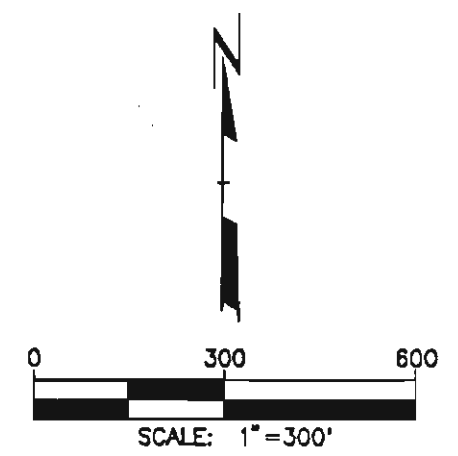


118600 Bytes
 Thursday, March 20, 1997
 09:41:2894 AM
 Attached Xref's: No xref's Attached.
 Dwg Size:
 Plot Date:
 Plot Time:
 Drawing Name: J:\03084\18\30841820.DWG
 Operator Name: RBN
 Scale: 1" = 300'

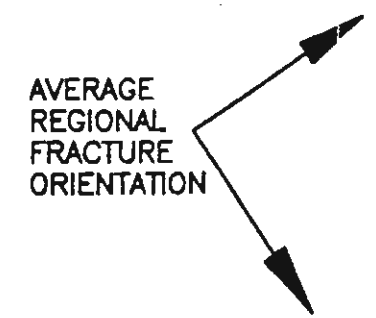


LEGEND	
	RAILROAD
	APPROXIMATE PLANT PROPERTY LINE
	MW-3 WATER TABLE WELL
	MW-3D PIEZOMETER
	WATER TABLE ELEVATION (FEET, NGVD)
	WATER TABLE CONTOUR (DASHED WHERE INFERRED)

- NOTES**
- MW-1, 2, 5, 6, AND 7 ARE GENERALLY LOCATED NORTHWEST OF THE RECYCLING DOCK, BUT ARE NOT SHOWN ON THIS SCALE DRAWING.
 - THE WATER LEVEL IN MW-3 IS ANOMALOUSLY HIGH. THE HIGH WATER LEVEL MAY BE DUE TO LEAKAGE FROM THE UNDERGROUND VITRIFIED CLAY SANITARY SEWER LINE THAT RUNS ADJACENT TO THE WELL.



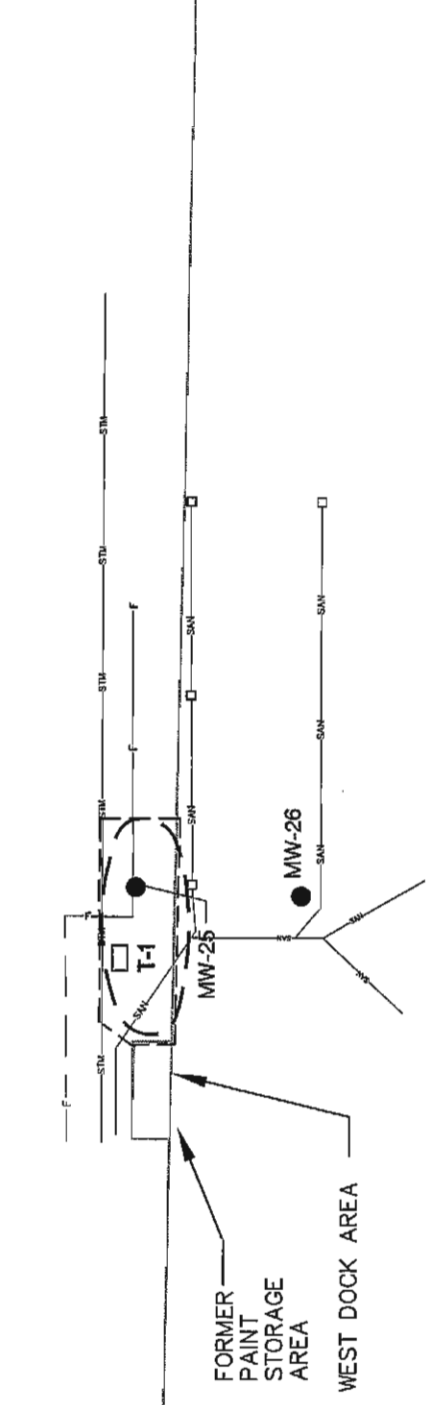
WATER TABLE MAP
(JUNE 1996)
TECUMSEH PRODUCTS COMPANY
GRAFTON, WI



	DWN. BY: RBN
	APPROVED BY: BWR
	DATE: APRIL 1997
	PROJ. # 3084.18
FILE # 30841820.DWG	

FIGURE 7

UST SUMMARY TABLE		
UST #	SIZE (GAL)	REMOVAL DATE
T-1	2,000	10-19-1989
T-2	350	06-15-1992
T-3	350	06-15-1992
T-4	11,000	06-15-1992
T-5	500	10-18-1989
T-6	1,000	10-18-1989
T-7	300	12-06-1988
T-8	300	12-06-1988



TECUMSEH PRODUCTS COMPANY

SOUTHEAST DEGREASER AREA

RECYCLING DOCKS AREA

HIGH VOLTAGE TRANSFORMER AREA

EXISTING UNDERGROUND PROPANE LINE

ABOVEGROUND PROPANE STORAGE TANK

EXISTING UNDERGROUND PROPANE LINE

ABOVE GROUND GASOLINE TANK

EXISTING UNDERGROUND PROPANE LINE

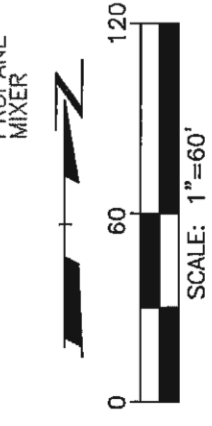
PROANE MIXER

EXISTING UNDERGROUND PROPANE LINE

EXISTING UNDERGROUND PROPANE LINE

EXISTING UNDERGROUND PROPANE LINE

EXISTING UNDERGROUND PROPANE LINE



MW-16 ● SB26VOC

LEGEND

- MW-10 WATER TABLE WELL
- ⊙ MW-3BR PIEZOMETER
- ⊕ SB8VOC SOIL BORING
- ==== RAILROAD
- PROPERTY LINE
- ESTIMATED EXTENT OF RESIDUAL PAH AND PETROLEUM-RELATED SOIL IMPACTS
- FIRE LOOP
- SANITARY SEWER
- STORM SEWER
- T-3 UST LOCATIONS (REMOVED) (SEE UST REMOVAL CHART - THIS SHEET)
- APPROXIMATE LIMITS OF SOIL EXCAVATION

NOTES

1. FACILITY LAYOUT ADAPTED FROM DRAWINGS PROVIDED BY TECUMSEH PRODUCTS COMPANY.
2. THE ESTIMATED EXTENT OF PAH AND PETROLEUM RELATED COMPOUNDS IN SOIL WAS ESTIMATED BASED ON VOC AND PAH DATA COLLECTED BY RMT IN 1994 AND 1995 AND ON DRO DATA COLLECTED BY FOX IN 1993. SEE ATTACHED FIGURES FOR SAMPLE LOCATIONS AND ANALYTICAL DATA.
3. UST TANK LOCATIONS ARE APPROXIMATE.
4. THE CONTENTS OF T-7 AND T-8 MAY BE TRANSPOSED. THE UNKNOWN CONTENT WAS LIKELY AVIATION FUEL BASED ON WRITTEN TEXT IN A LETTER FROM E&K DATED 12/08/88.

PROJECT: TECUMSEH PRODUCTS COMPANY EXISTING IMPACTS - USTs GRAFTON, WISCONSIN		SHEET TITLE: SITE PLAN	
DRAWN BY: METZA	SCALE: 1" = 60'	PROJ. NO. 07397.06	FILE NO. 73970601.DWG
CHECKED BY: AAS	DATE PRINTED: NOVEMBER 2008	FIGURE I-5	

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 Phone: 608-831-4444
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