

GIS Registry Disclaimer

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

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

GIS REGISTRY

Cover Sheet

March, 2010
(RR 5367)

Source Property Information

BRRTS #:

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

COMM #:

*WTM COORDINATES:

X: Y:

** 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" form)*

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

Contamination in ROW

Off-Source Contamination

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

Land Use Controls:

N/A (Not Applicable)

Soil: maintain industrial zoning (220)

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

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

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

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government unit or economic
development corporation was directed to
take a response action)*

Monitoring Wells:

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

Yes No N/A

** Residual Contaminant Level*

***Site Specific Residual Contaminant Level*

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

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

BRRTS #: 03-41-189351 PARCEL ID #: 552-9936-110-0
ACTIVITY NAME: TOM SWENDSON SOUTHGATE FORD WTM COORDINATES: X: 687374 Y: 280135

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.)
- Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- Conditional Closure Letter**
- Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

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

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

Maps must be no larger than 11 x 17 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: Site Plan Map**
- Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: **Title:**

BRRTS #: 03-41-189351

ACTIVITY NAME: TOM SWENDSON SOUTHGATE FORD

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 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

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

Table #: 1 Title: Soil Analytical Results

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

Table #: Title:

- 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).

BRRTS #: 03-41-189351

ACTIVITY NAME: TOM SWENDSON SOUTHGATE FORD

NOTIFICATIONS

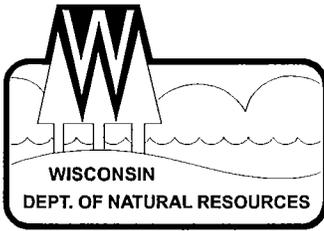
Source Property

- Not Applicable**
- Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

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

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



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Regional Headquarters
2300 N. Dr. ML King Drive, PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8483
TDD 414-263-8713

July 6, 2000

*Code 11
BRRTS 07-05-2000
PLG*

IN REPLY PLEASE REFER TO FID# 241281260
BRRTS# 03-41-189351

Mr. Tom Swendson
Southgate Ford
3804 South 27th Street
Milwaukee, WI 53221

Subject: Supplemental Site Specific Information for Closure, Southgate Ford, 3804 South 27th Street, Milwaukee, WI.

Dear Mr. Swendson:

On May 30, 2000 your consultant, SIGMA Environmental Services (SIGMA), supplemental site specific information for closure as an addendum to the already closed site.

Your environmental consultant, SIGMA, requested that the information be reviewed for the referenced case file for closure. Based on the information present we concur with SIGMA recommendation to approve the additional site specific information to the previous closure in February 1998. The following is the additional contamination found at the site during the removal of the hoists.:

- Concentrations of phenanthrene remaining in the soil are above interim guidance clean-up levels (Publication RR-519-97) for PAHs at sample locations 2B and 7.
- Diesel range organic (DRO) remaining in the soil are above 720.09(4)(a) residual contaminant levels (RCL) at sample location 3B, 6, Hoist B and Hoist C.

As always the department reserves the right to reopen this case pursuant to s. NR 726.09, WAC, should additional information regarding site conditions indicate that contamination on or from the site poses a threat to public health, safety or welfare of the environment.

In the event that these soils, with contamination concentrations exceeding the WDNR generic residual level, are excavated in the future, the owner of the property would be responsible for managing the soils according to all applicable WDNR regulations.

Please note that approval of closure of this site by the WDNR does not mean that the soils could be excavated and transported as clean fill at a later day. The WDNR would be required to give approval under S. NR 718.14 before the soil could be used as fill at any new location other than a response action site (solid waste engineered landfill).

This letter serves as your closure letter, with respect to the additional information submitted on May 30, 2000. The Department will record this submittal on our Computer tracking system and add the

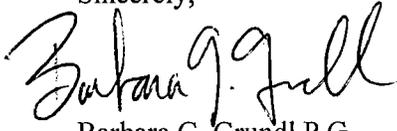
*Quality Natural Resources Management
Through Excellent Customer Service*



information to the file.

If you have any questions regarding this letter, please contact me at the above address or at (414) 229-0870.

Sincerely,

A handwritten signature in cursive script that reads "Barbara G. Grundl". The signature is written in black ink and is positioned above the printed name.

Barbara G. Grundl P.G.
Hydrogeologist

cc: Kristin Kurzka - SIGMA
SED case file

Document Number

DEED NOTICE

REGISTER'S OFFICE | SS
Milwaukee County, WI

RECORDED AT 3:37 PM

07-14-1999

REEL 4604 IMAGE

WALTER R. BARCZAK
REGISTER OF DEEDS

AMOUNT 16.00

In Re: See legal description of property attached as Exhibit 1.

STATE OF WISCONSIN)
) ss
COUNTY OF MILWAUKEE)

Thomas C. Swendson, being first duly sworn, on oath deposes and says:

- 1. That he is the owner of the property described on Exhibit 1.
- 2. That approval has been given by the Wisconsin Department of Natural Resources for the close-out of an environmental contamination case involving the property described in Exhibit 1 on the condition that a notification of the existence of residual contamination on the property is recorded as the Office of the Register of Deeds in the County where the property is located.
- 3. That this affidavit is being recorded for the purpose of notifying prospective purchasers and other interested parties that soil contaminated with the following remains on the property:
 - A. Phenanthrene at 3,100 micrograms/kg which is greater than the suggested generic residual contaminant levels of 1,800 microgram/kg for PAH compounds in soil as published in the WDNR April 1997 *Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance*; and
 - B. Diesel Range Organic (DRO) of 142 mg/kg and 104 mg/kg which are above the Chapter 720.09(4)(a) residual contaminant levels of 100 mg/kg; and
 - C. Lead of 58,900 ppb remaining in the soil which is above the Chapter NR 720.11(5) residual contaminant level of 50,000 ppb.

The sources of the phenanthrene and DRO are most probably leaks from inground hydraulic lifts which have been removed and replaced with above ground electric lifts and the source of the lead is unknown.

The location of the above compounds on the property is as follows:

- A. The location of the phenanthrene is marked as "GP-A" on Exhibit 2 attached hereto at a depth of 6-8 feet below ground surface;
- B. The locations of the DRO are marked as "SB-1" and "SB-10" on Exhibit 2 at a depth of 8-12 feet below ground surface as to each; and
- C. The location of the lead is marked as "SB-17" on Exhibit 3 attached hereto at a depth of 4-8 feet below ground surface.

If this contaminated soil is excavated in the future, it may be considered solid waste and will need to be disposed in accordance with applicable laws and regulations.

Dated this 2nd day of July, 1999.

Thomas C Swendson
THOMAS C. SWENDSON

This document was drafted by Attorney Jeffery D. Nordholm, State Bar No. 01004238.

ACKNOWLEDGMENT

STATE OF WISCONSIN
MILWAUKEE COUNTY

Personally came before me this 2nd day of July, 1999 the above named Thomas C. Swendson to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

Julie A. Ubick
signature
type or print name Julie A. Ubick

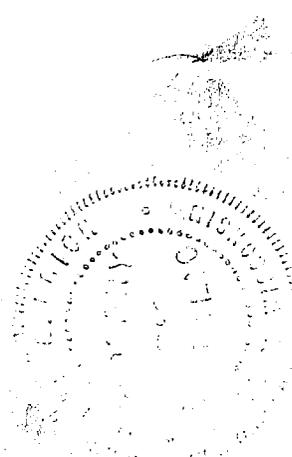
Notary Public, State of Wisconsin
My commission is permanent. (If not, state expiration date:
9-19, 1999)

Recording Area

Name and Return Address

Attorney Jeffery D. Nordholm
Storm, Balgeman & Miller, S.C.
2433 N. Mayfair Road Suite 207
Wauwatosa, WI 53226-1406

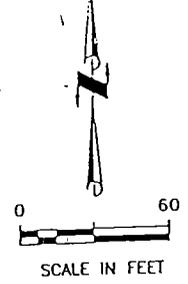
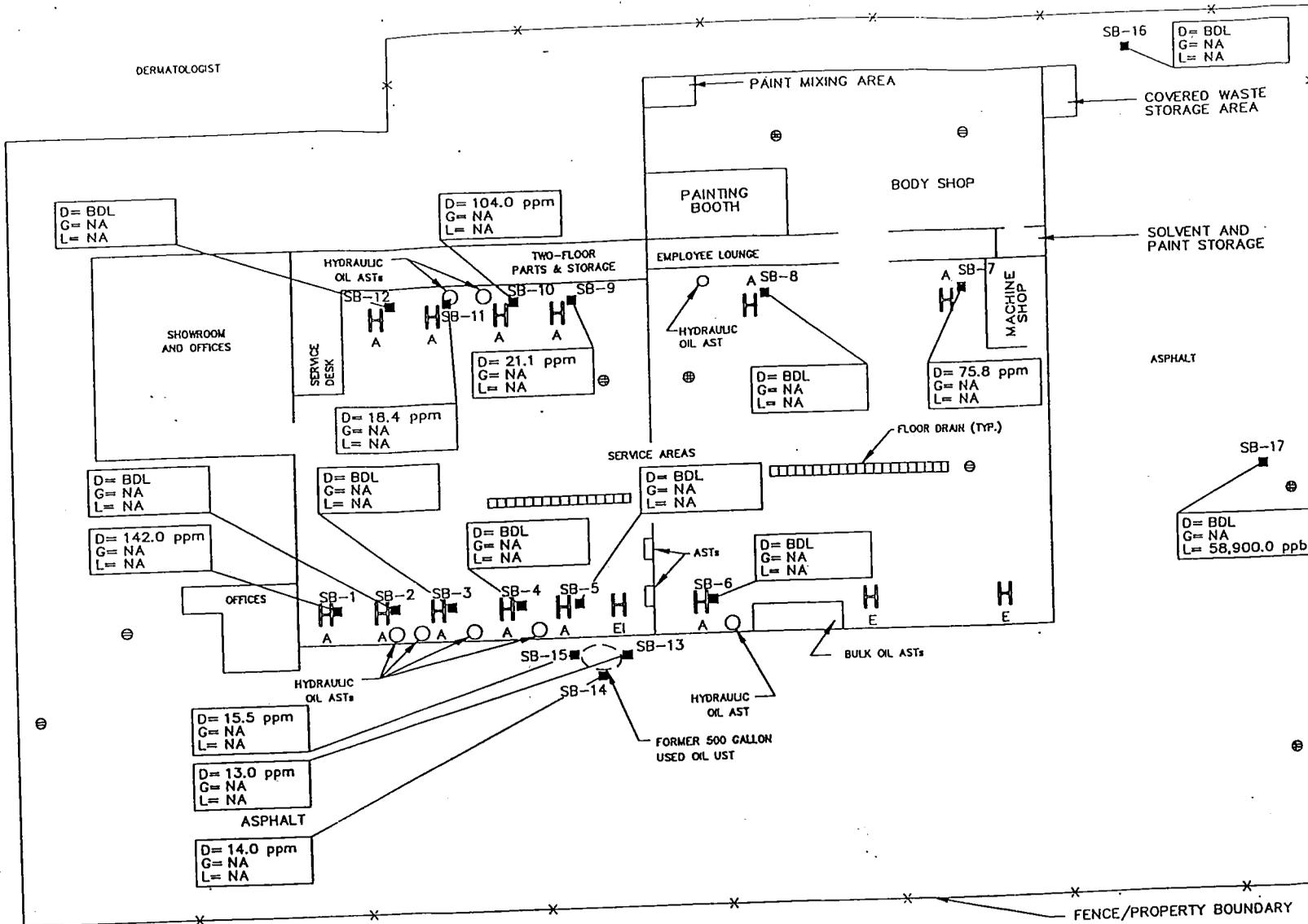
552-9936-110-0
(Parcel Identification Number)



REEL 4 94IMAG1447

TRAILER PARK

27th STREET
(U.S. 41)



CHRYSLER-PLYMOUTH DEALERSHIP

FENCE/PROPERTY BOUNDARY

- LEGEND**
- - DRAIN
 - H - HYDRAULIC LIFT
 - A - ACTIVE HYDRAULIC LIFT
 - E - ELECTRIC LIFT
 - I - INACTIVE LIFT
 - AST - ABOVE GROUND STORAGE TANK
 - UST - UNDERGROUND STORAGE TANK
 - - SOIL BORING LOCATION
 - D - DIESEL RANGE ORGANICS CONCENTRATION
 - G - GASOLINE RANGE ORGANICS CONCENTRATION
 - L - TOTAL LEAD CONCENTRATION
 - ppm - PARTS PER MILLION
 - ppb - PARTS PER BILLION
 - BDL - BELOW DETECTION LIMITS

EnecoTech
ENVIRONMENTAL CONSULTANTS

Project: TOM SWENDSON'S SOUTHGATE FORD
3804 SOUTH 27th STREET
MILWAUKEE, WISCONSIN

Title: **SITE MAP**
ILLUSTRATING
SOIL ANALYTICAL RESULTS

Design:	Date:
Drawn: MRP	
Checked:	File No.: 1316-001 Date: 12/10/96 FIG. NO.: 3
Approved:	ACAD File No.: 316001 Rev.: Sheet of

EXHIBIT 2

REEL 4604 IMAG 1446

Tax Key Number: 552-9936-110-0

Real Estate Description Attachment

THAT PART OF THE SOUTHWEST 1/4 OF SECTION 18, TOWN 6 NORTH, RANGE 22 EAST, CITY OF MILWAUKEE, COUNTY OF MILWAUKEE, STATE OF WISCONSIN, BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHWEST CORNER OF SAID 1/4 SECTION; RUNNING THENCE DUE EAST ALONG THE SOUTH LINE OF SAID 1/4 SECTION 80.00 FEET TO A POINT; THENCE NORTH 00° 08' 07" EAST AND PARALLEL TO THE WEST LINE OF SAID 1/4 SECTION 335.00 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED; CONTINUING THENCE NORTH 00° 08' 07" EAST AND PARALLEL TO THE WEST LINE OF SAID 1/4 SECTION 300.00 FEET TO A POINT; THENCE DUE EAST AND PARALLEL TO THE SOUTH LINE OF SAID 1/4 SECTION 150.00 FEET TO A POINT; THENCE NORTH 00° 08' 07" EAST AND PARALLEL TO THE WEST LINE OF SAID 1/4 SECTION 60.00 FEET TO A POINT; THENCE DUE EAST AND PARALLEL TO THE SOUTH LINE OF SAID 1/4 SECTION 256.19 FEET TO A POINT ON THE WEST LINE OF THE SEWERAGE COMMISSION RIGHT OF WAY; THENCE SOUTH 00° 08' 07" WEST ALONG THE WEST LINE OF THE SEWERAGE COMMISSION RIGHT OF WAY AND PARALLEL TO THE WEST LINE OF SAID 1/4 SECTION 360.00 FEET TO A POINT; THENCE DUE WEST AND PARALLEL TO THE SOUTH LINE OF SAID 1/4 SECTION 409.19 FEET TO THE POINT OF BEGINNING.

PROPERTY ADDRESS: 3804 SOUTH 27TH STREET
MILWAUKEE, WI 53221

EXHIBIT 1

REEL 4604IMAG1448

SOUTH 27th STREET

BRAEGER FORD

ASPHALT DRIVEWAY

BODY SHOP

SHOWROOM

SWEDENSON FORD BUILDING

GARAGE

GARAGE

OFFICE

HYDRAULIC LIFT, TYPICAL

ASPHALT PARKING

ASPHALT PARKING

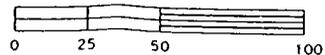
ASPHALT PARKING

BRAEGER CHRYSLER PLYMOUTH

LEGEND

- = SOIL BORING, INSTALLED BY ENECO TECH
- ⊕ = SIGMA GEOPROBE BORING
- = SIGMA HAND AUGER BORING
- x - = FENCE / PROPERTY LINE

SWEDENSON FORD		 ENVIRONMENTAL SERVICES INC.
3804 S. 27TH STREET, MILWAUKEE, WI		
DATE: 9-4-98	DR. BY: BEB	DR. # 4651-002
SITE PLAN MAP		SCALE: 1" = 50'
		FIGURE 2



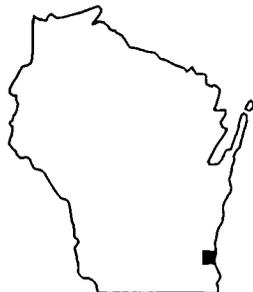
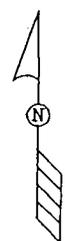
NOTES:
DIMENSIONS DEPICTED BASED ON ENECO TECH SITE PLAN DATED 12-10-96.
MEASUREMENTS AND OBSERVATIONS



EXHIBIT 3



SW 1/4 of the SW 1/4 Sec.18 T.6N R.22



WISCONSIN

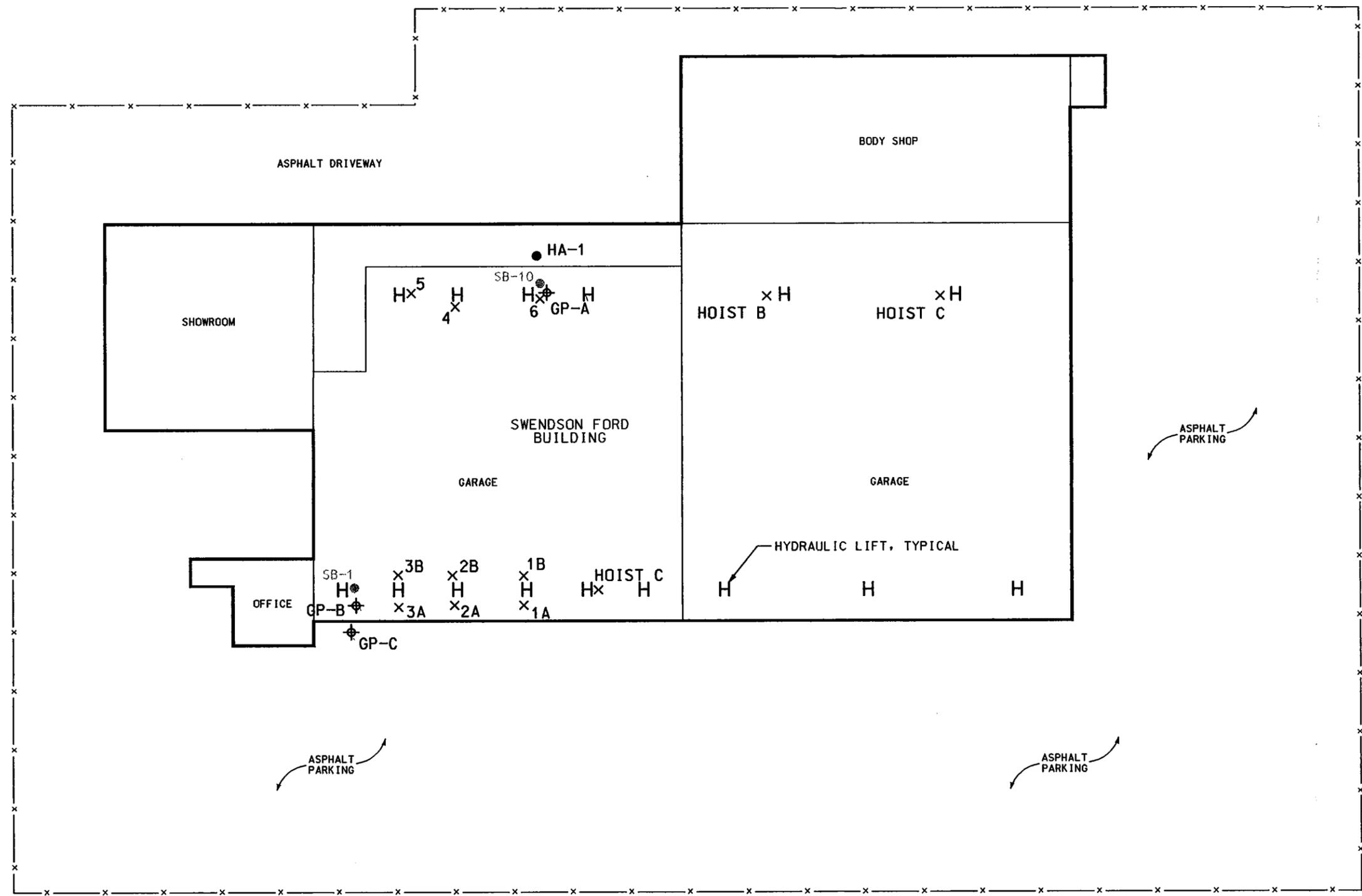
ADAPTED FROM U.S.G.S. 7.5 MINUTE SERIES, MILWAUKEE, WISCONSIN QUADRANGLE DATED 1958 PHOTOREVISED 1971

<p>SWENDSON FORD 3804 S. 27th STREET, MILWAUKEE, WI</p>		<p>SIGMA ENVIRONMENTAL SERVICES INC.</p>	
DATE: 12-17-98	DR. BY: TMM	DR.# 4651-001	SCALE: SEE ABOVE
<p>SITE LOCATION MAP</p>			<p>FIGURE 1</p>

BRAEGER FORD



SOUTH 27th STREET



ASPHALT DRIVEWAY

BODY SHOP

SHOWROOM

SWENDSON FORD BUILDING

GARAGE

GARAGE

OFFICE

ASPHALT PARKING

ASPHALT PARKING

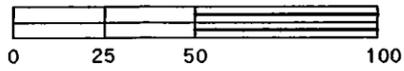
ASPHALT PARKING

HYDRAULIC LIFT, TYPICAL

LEGEND

- = SOIL BORING, INSTALLED BY ENECO TECH
- ⊕ = SIGMA GEOPROBE BORING
- = SIGMA HAND AUGER BORING
- x — = FENCE / PROPERTY LINE
- X = SOIL SAMPLE COLLECTED BY MCLAREN / HART (APPROXIMATE LOCATION)

BRAEGER CHRYSLER PLYMOUTH



NOTE: DIMENSIONS DEPICTED BASED ON ENECO TECH SITE PLAN DATED 12-10-96. SITE MEASUREMENTS AND OBSERVATIONS

SWENDSON FORD		SIGMA ENVIRONMENTAL SERVICES INC.
3804 S. 27TH STREET, MILWAUKEE, WI		
DATE: 9-4-98	DR. BY: BEB	DR.# 4651-002
SITE PLAN MAP		FIGURE 2

SCALE: 1" = 50'

TABLE 1
TOM SWENDSON SOUTHGATE FORD
SOIL ANALYTICAL RESULTS

April 1, 1998

Constituent	Units	Sampling Location/Depth								Generic Soil Cleanup Levels ²
		GP-A		GP-B		GP-C		HA-1		
		6 to 8	12 to 14	10 to 12	14 to 16	6 to 8	10 to 12	4 to 6	6 to 7	
Acenaphthene	µg/kg	150J	<21	<21	<21	<21	<21	<21	<21	38000
Acenaphthylene	µg/kg	580	<24	<24	<24	<24	<24	<24	<24	700
Anthracene	µg/kg	1300	<36	<36	<36	<36	<36	<36	<36	3000000
Benzo(a)anthracene	µg/kg	5600	<23	<23	<23	120	<23	34J	120	17000
Benzo(a)pyrene	µg/kg	9400	<34	<34	<34	310	<34	100J	300	48000
Benzo(b)fluoranthene	µg/kg	5200	<46	<46	<46	230	<46	<46	130J	360000
Benzo(g,h,i)perylene	µg/kg	5500	<48	<48	<48	200	<48	49J	180	6800000
Benzo(k)fluoranthene	µg/kg	2900	<29	<29	<29	180	<29	30J	110	870000
Chrysene	µg/kg	7300	<42	<42	<42	240	<42	67J	180	37000
Dibenzo(a,h)anthracene	µg/kg	3100	<18	<18	<18	190	<18	24J	120	38000
Fluoranthene	µg/kg	9200	<38	<38	<38	210	<38	83J	280	500000
Fluorene	µg/kg	260J	<47	<47	<47	<47	<47	<47	<47	100000
Indeno(1,2,3-cd)pyrene	µg/kg	2900	<18	<18	<18	160	<18	30J	110	680000
1-Methylnaphthalene	µg/kg	<120	<31	<31	<31	<31	<31	<31	<31	23000
2-Methylnaphthalene	µg/kg	<84	<21	<21	<21	<21	<21	<21	<21	20000
Naphthalene	µg/kg	<120	<30	<30	<30	<30	<30	<30	<30	400
Phenanthrene	µg/kg	3100	<35	<35	<35	74J	<35	<35	100J	1800
Pyrene	µg/kg	7000	<45	<45	<45	130J	<45	62J	190	8700000
Diesel Range Organics	mg/kg	<10	<10	20	<10	<10	<10	10	<10	100/250 ¹

Key:

- µg/kg = micrograms per kilogram
- mg/kg = milligrams per kilogram
- J = Analyte detected between the LOD & LOQ.
- bold** = exceeds Chapter NR 720 Generic Soil Cleanup Levels
- NES = No established standard.
- 1 = Chapter NR 720 generic soil cleanup level for DRO; DRO<100ppm if hydraulic conductivity (K)>1e-6 cm/sec, DRO<250 if K<1e-6
- 2 = Suggested generic residual contaminant levels for PAH compounds in soil - Groundwater Pathway. "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance", WDNR April 1997.

TABLE 1
TOM SWENDSON SOUTHGATE FORD
SOIL ANALYTICAL RESULTS
 April & July, 1999

Constituent	Units	Sampling Location/Depth													Generic Soil Cleanup Levels ²
		1A	1B	2A	2B	3A	3B	4 7'	5 6'	6 6'	7 7'	Hoist A 8'	Hoist B 8'	Hoist C 8'	
Acenaphthene	µg/kg	<14	160	<15	400	210	17	25	110	<300	180	23	300	<14	38000
Acenaphthylene	µg/kg	<17	250	<15	<340	40	41	<17	<45	<350	980	<18	370	<16	700
Anthracene	µg/kg	38	490	<17	2600	600	57	100	430	470	1800	100	1200	36	3000000
Benzo(a)anthracene	µg/kg	190	2800	<17	7600	1200	200	380	1400	1100	6400	540	3100	110	17000
Benzo(a)pyrene	µg/kg	190	3000	18	8600	1100	300	350	1300	1600	9100	600	3600	110	48000
Benzo(b)fluoranthene	µg/kg	170	2800	<17	7800	930	230	280	1200	1100	5500	610	3200	90	360000
Benzo(g,h,i)perylene	µg/kg	140	1700	18	5400	600	180	230	730	1500	3800	280	1400	83	6800000
Benzo(k)fluoranthene	µg/kg	150	1700	<17	4900	700	200	270	900	780	7200	440	2700	71	870000
Chrysene	µg/kg	200	2800	18	7500	1200	230	320	1300	1100	8000	510	3000	150	37000
Dibenzo(a,h)anthracene	µg/kg	55	670	<18	2000	270	62	99	310	460	1900	120	560	<17	38000
Fluoranthene	µg/kg	300	3700	23	15000	1300	280	710	2700	1900	9000	870	7600	150	500000
Fluorene	µg/kg	<15	210	<18	630	350	39	34	130	<320	440	23	520	<14	100000
Indeno(1,2,3-cd)pyrene	µg/kg	130	1700	<18	5200	610	180	220	750	1300	4500	300	1500	57	680000
1-Methylnaphthalene	µg/kg	<16	100	<17	<330	30	<17	<16	<44	<340	<150	<18	<160	<16	23000
2-Methylnaphthalene	µg/kg	<14	88	<15	<300	33	<15	<14	<39	<300	<140	<15	<150	<14	20000
Naphthalene	µg/kg	<18	130	<19	<360	34	25	<18	<48	<370	<180	<20	<180	<17	400
Phenanthrene	µg/kg	120	1400	22	5900	1600	160	340	1400	890	3200	260	1700	76	1800
Pyrene	µg/kg	210	3100	22	9700	1500	200	450	1700	1600	6500	770	6000	120	8700000
Diesel Range Organics	mg/kg	15	20	7.6	33	7.1	110	<4.2	15	4900	91	67	2800	1100	100/250 ¹

Key:

- µg/kg = micrograms per kilogram
- mg/kg = milligrams per kilogram
- J = Analyte detected between the LOD & LOQ.
- NES = No established standard.
- bold** = exceeds Chapter NR 720 Generic Soil Cleanup Levels
- 1 = Chapter NR 720 generic soil cleanup level for DRO; DRO<100ppm if hydraulic conductivity (K)>1e-6 cm/sec, DRO<250 if K<1e-6
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