

GIS REGISTRY INFORMATION

SITE NAME: SCHNAARES 66 SERVICE

BRRTS # and FID #: 03-30-001471 230039590

CLOSURE DATE: 07/03/2001

STREET ADDRESS: 7850 SHERIDAN RD

CITY: KENOSHA

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

OFF-SOURCE CONTAMINATION (>ES): Yes No

IF YES, STREET ADDRESS 1: CITY OF KENOSHA 79TH STREET

GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

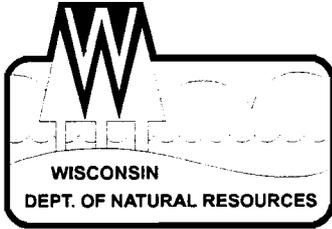
IF YES, STREET ADDRESS 2: _____

GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

CONTAMINATION IN RIGHT OF WAY: Yes No

DOCUMENTS NEEDED:

- Closure Letter, and any conditional closure letter issued
- Copy of most recent deed, including legal description, for all affected properties
- Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties
- County Parcel ID number, if used for county, for all affected properties
- Location Map which outlines all properties within contaminated site boundaries in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy)
- Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy)
- Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)
- Isoconcentration map(s), if available from site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of contamination defined. If not available, include the following 2 types of maps:
 - Latest groundwater flow/monitoring well location map
 - Latest extent of contaminant plume map
- Geologic cross-sections, if available from SI. (8.5x14" if paper copy)
- RP certified statement that legal descriptions are complete and accurate
- Copies of off-source notification letters (if applicable)
- Letter informing ROW owner of residual contamination (if applicable)
- Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Southeast Region
Sturtevant Service Center
9531 Rayne Road, Suite IV
Sturtevant, Wisconsin 53177
Telephone 262-884-2300
FAX 262-884-2307
TDD 262-884-2304

July 3, 2001

Donald Mayew
(Estate of Franklin Tess)
1025 56th Street
Kenosha, WI 53141-0677

Subject: Receipt of Final Groundwater Use Restriction for Schnaeres Service Station, 7850
Sheridan Road, Kenosha, WI FID# 230039590, BRRT's# 03-30-001471

Dear Mr. Mayew:

On, February 6, 2001 the Bureau of Legal Services for the Department of Natural Resources approved the finalized groundwater use restriction submitted by you for the above noted site. We apologize for the delay, which was due to the project manager leaving.

This letter is your closure letter indicating that at this time the Department will not be requiring any additional work to be done at this site. If conditions on the property change this case may be reopened.

If you have any questions regarding this letter please contact me at 262-884-2341.

Sincerely,

Shanna L Laube, P.G.
Hydrogeologist

file cc



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Southeast Region
Sturtevant Service Center
9531 Rayne Road
Sturtevant, Wisconsin 53177
Telephone 414-884-2300
FAX 414-884-2307
TDD 414-884-2304

December 22, 1999

Mr. Donald Mayew
C/o Estate of Frank Tess
1025 56th Street
Kenosha, WI 53141-0677

Subject: Proactive closure for Schnaars Service Station, 7850 Sheridan Road, Kenosha, WI.
(FID#230039590, BRRTS# 03-30-001471)

Dear Mr. Mayew:

I have reviewed your case file based on the documents submitted by Sigma Environmental Services, Inc. The Department has determined (prior to December 1, 1999) that it will not require additional site investigation or remediation for this site at this time. However, the case will not be officially entered as closed on the Department's tracking system until a groundwater use restriction is recorded for all properties where there are groundwater enforcement standard exceedances (or until the closure criteria of s. NR 726.05 Wis. Admin. Code has been amended).

Case closure under s. NR 726.05 Wis. Adm. Code requires the recording of a groundwater use restriction for all properties where groundwater contamination exceeds ch. NR 140 enforcement standards (ES), including street and highway right-of-ways. NR 140 ESs are exceeded onsite at MW-1 for ethylbenzene and total xylenes. MW-3 (located in the right-of-way of 79th Street) has ES exceedances for benzene and total xylenes. According to the data submitted, monitoring wells downgradient of MW-3 do not show any NR 140 ES exceedances.

I would also like to mention that the Department is in the process of proposing changes to s. NR 726.05, Wis. Adm. Code, to allow case closure when contamination is present within a public street or highway right-of-way as long as the investigation has confirmed that the groundwater contaminant plume is stable or receding, that natural attenuation will restore the groundwater to NR 140 standards within a reasonable period of time, and that the contamination has not migrated across the right-of-way to another property. The Code change, which is anticipated sometime in 2000, will probably require written notification to the municipality or the state agency that owns or maintains the street or highway where contamination exists, but will not require the recording of a groundwater use restriction for groundwater contamination beneath public streets or highways.

If you choose not to wait for the proposed changes to s. NR 726.05, Wis. Adm. Code, to become effective, then case closure cannot occur until the current closure requirements are met. Existing closure requirements include the following:

1. A groundwater use restriction (GWUR) must be recorded for the property or properties that have ch. NR 140 enforcement standard exceedances as a result of migration of contamination from the responsible party property, per s. NR 726.05(2)(b)4 Wis. Admin. Code, and a copy of the recorded restriction must be sent to this office (at the above address). A GWUR will be necessary for the Schnaars Service Station property and the ROW of 79th Street. A draft deed document is enclosed



- to assist you. Please submit a draft deed restriction for WDNR approval prior to notarizing it at the city registry of deeds. A final notarized copy should be sent to the WDNR.
2. Abandonment of the groundwater monitoring wells at the site in accordance with NR 141 and submittal of the abandonment forms to the WDNR – Sturtevant Service Center. Within sixty days from the date of this letter, all of the monitoring wells located at the property must be abandoned.
 3. Submit a letter to the Director of Public Works (City of Kenosha), notifying them of the residual soil and groundwater contamination under 79th Street. Please include a map with the location of the residual soil contamination. Submit a copy of this letter to the WDNR – Sturtevant Service Center.

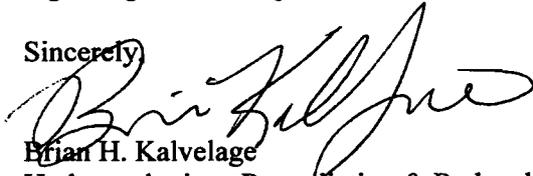
However, you may choose to wait until revisions to NR 726.05(2) become effective before requesting case closure again, or you may submit a draft groundwater use restriction for the 79th Street ROW to the Department for review to start the process of complying with the existing NR 726.05(2) requirements, in order to achieve case closure more quickly.

This case may be reopened pursuant to s. NR726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare of the environment.

In addition, data indicates that residual soil contamination remains on and off site. Please note that if any of the remaining contaminated soil is ever excavated, the soil must be properly handled according to all applicable laws in effect at that time.

Thank you for the steps you are taking to restore the environment at this site. If you have any questions regarding this letter, please contact me at (262) 884-2343.

Sincerely



Brian H. Kalvelage

Hydrogeologist – Remediation & Redevelopment Program

Cc: Mr. Klees, Jr.- Sigma Environmental

SER - File

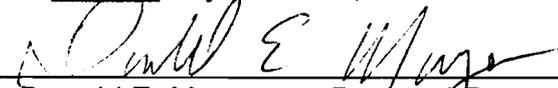
Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed on this property unless applicable requires are met.

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. the Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 16th day of March, 2000.

Signature: 
Printed Name: Donald E. Mayew, as Personal Representative
of the Estate of Franklin Tess

Subscribed and Sworn to before me this
16th day of March, 2000.


Notary Public, State of Wisconsin
My Commission:  7-31-00

THIS DOCUMENT WAS DRAFTED BY
THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES

Recorder's Use Only:
Document Number

Document Title

**GROUNDWATER USE RESTRICTION
AFFIDAVIT AMENDING DECLARATION OF RESTRICTIONS ***

In Re: Lots Number One (1), Two (2) and Three (3) of KIRCHNER HIGHLANDS, a subdivision of the northwest quarter (NW ¼) of section Seven (7), in Town One (1) North of Range Twenty-Three (23) East of the Fourth Principal Meridian, according to the plat and survey of said subdivision on file and of record in the office of the Register of Deeds in and for the County of Kenosha, in the State of Wisconsin, and lying and being in the City of Kenosha, County and State aforesaid.

DOCUMENT NUMBER

1199771

RESTRICTION

RECORDED

At Kenosha County, Kenosha, WI
Louise I. Principe, Register of Deeds
on 11/14/2000 at 3:23PM
40467 014.00

RECORDS

JUES

Recording Area

Name and Return Address

DONALD E. MAYEW
1025 56TH STREET
KENOSHA WI 53140

14-

06-123-07-287-001

Parcel Identification Number (PIN)

*This document is being re-recorded to include the property description, which was omitted from the original Affidavit Amending Declaration of Restrictions.

I hereby certify that the adjacent photograph has been compared with the record on file in this office and is a true copy thereof. I have hereunto affixed my official seal this 12 day of Dec 2000

Louise I. Principe
Louise I. Principe, Register of Deeds
Kenosha County, Wisconsin

This page is part of a legal document. . . DO NOT REMOVE.

This information must be completed by submitter: document title, name & return address, and PIN (if required). Other information such as the granting clauses, legal description, etc. may be placed on this first page of the document or may be placed on additional pages of the document. Note: Use of this cover page adds one page to your document and \$2.00 to the recording fee. Wisconsin Statutes, §9.517. WRDA 2-96

Document Number GROUNDWATER USE RESTRICTION

AFFIDAVIT AMENDING DECLARATION OF RESTRICTIONS

STATE OF WISCONSIN)
) ss
COUNTY OF KENOSHA)

I, Donald E. Mayew, being first duly sworn, on oath depose and state as follows:

1. That on September 10, 1993, I was appointed to act as personal representative of the Estate of Franklin A. Tess;
2. That I make this Affidavit in an effort to comply with the requirements of the Wisconsin Administrative Code and the regulations of the Wisconsin Department of Natural Resources regarding the revision of the Groundwater Use Restriction, Declaration of Restrictions, recorded in the office of the Kenosha County Register of Deeds on June 13, 2000, as Document #1184785;

3. That the original Declaration of Restrictions is to be amended as follows:
4. The second "Whereas" paragraph is revised to read:

WHEREAS, one or more petroleum discharges have occurred on this property. Ethylbenzene and total xylenes contaminated groundwater above ch. NR 140, Wis. Adm. Code, enforcement standards existed on this property at the following locations on November 3, 1998: Ethylbenzene at 802 micrograms per liter (ug/l) and total xylenes at 771 ug/l at monitoring well-1 (MW-1). Benzene at 2440 ug/l and total xylenes at 1,600 ug/l at MW-3 which is located off-site south of the Schnaeres property in 79th Street. The locations of the monitoring wells are depicted on Figure 1 which is attached and hereby made a part of this restriction.

5. The fifth "Whereas" paragraph is deleted, as it is a duplicate paragraph.
6. In the last sentence of the first indented paragraph on page 2, the word "requires" is changed to "requirements".
7. In the last sentence of the second last paragraph of the document, the word "the" is capitalized, to read "The".
8. The drafting statement at the end of the document is revised to read: This document was drafted by Donald E. Mayew based on comments from the Wisconsin Department of Natural Resources.

DOCUMENT NUMBER

1198314

AFFIDAVIT

RECORDED

At Kenosha County, Kenosha, WI
Louise I. Principi, Register of Deeds
on 10/31/2000 at 3:46PM \$12.00
46725

RECORDED

JOES

Return to:
DONALD E. MAYEW
1025 56TH STREET, KENOSHA WI 53140

Parcel No. 06-123-07-287-001

IN WITNESS WHEREOF, the owner of the property has executed this Affidavit Amending Declaration of Restrictions, this 30 day of October, 2000.

Signature: *Donald E. Mayew*
Printed Name: Donald E. Mayew, as Personal Representative
of the Estate of Franklin Tess

Subscribed and Sworn to before me this
30th day of October, 2000.

Dorothy A. Demagen
Notary Public, State of Wisconsin
My Commission: *expires 11-19-00.*

THIS DOCUMENT WAS DRAFTED BY
DONALD E. MAYEW, BASED ON COMMENTS FROM
THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES

This Indenture

Made this

25

day of

May

1951

between EVA R. THOMEY, of the city of Kenosha, county of Kenosha and state of Wisconsin,

FRANKLIN TESS, of the same place

Witnesseth, That the said part Y of the first part, for and in consideration of the sum of

One dollar and other good and valuable consideration -

to her in hand paid by the said part Y of the second part, the receipt whereof is hereby confessed and acknowledged, ha... given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do... give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said part... of the second part, her heirs and assigns forever, the following described real estate, situated in the County of Kenosha and State of Wisconsin, to-wit:

LOTS NUMBER ONE (1), TWO (2) AND THREE (3) OF KIRCHNER HIGHLANDS, a subdivision of the north-west quarter (NW 1/4) of section Seven (7), in Town One (1) North of Range Twenty-three (23) East of the Fourth Principal Meridian, according to the plat and survey of said subdivision on file and of record in the office of the register of deeds in and for the county of Kenosha, in the State of Wisconsin, and lying and being in the City of Kenosha, County and State aforesaid.



Subject to subdivision restrictions of record.

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

To Have and to Hold the said premises as above described with the hereditaments and appurtenances, unto the said part Y of the second part, and to his heirs and assigns FOREVER.

And the said EVA R. THOMEY

for herself and her heirs, executors and administrators, do es covenant, grant, bargain, and agree to and with the said part Y of the second part, his heirs and assigns, that at the time of the ensembling and delivery of these presents she is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever.

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

In Witness Whereof, the said part Y of the first part has hereunto set hand and seal this 25 day of May, A. D. 1951

SIGNED AND SEALED IN PRESENCE OF

F. S. Pfennig

Bernice Karnes

Eva R. Thomey (SEAL) EVA R. THOMEY

(SEAL)

(SEAL)

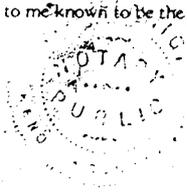
(SEAL)

State of Wisconsin,

KENOSHA County, ss.

Personally came before me, this 25th day of May A. D. 1951
the above named EVA R. THOMEY

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



F. S. Pfennig
F. S. Pfennig
Notary Public, Kenosha County Wis
My commission expires 10/17 A. D. 1954

No. 332735

EVA R. THOMEY
TO
FRANKLIN TESS

Premises Lots 1, 2 & 3
KIRCHNER HIGHLANDS

Warranty Deed

This instrument should be immediately filed upon record to avoid future trouble and litigation.

REGISTER'S OFFICE,
State of Wisconsin

Kenosha County

Received for Record this 9th day of August A. D. 1951 at 3:36 o'clock P. M. and recorded in Vol. 356 of Deeds, on page 433-4

Harold Schindler
Register of Deeds

Deputy

A. R. Smith

PHILLIPS, RICHARDS, MAYEW & CORRIGALL, S.C.

ATTORNEYS AT LAW
Established 1937
1025 56TH STREET
KENOSHA, WISCONSIN 53141-0677

(262) 658-4604
FAX (262) 658-9346
e-mail dem@execpc.com

DAVID L. PHILLIPS (1909-1994)
CHARLES J. RICHARDS (1931-1991)
DONALD E. MAYEW
Circuit Court Commissioner
KEVIN CORRIGALL

JOHN MAAN de KOK
Also licensed in Illinois
DAVID C. RICHARDS
MATTHEW A. KNIGHT

PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 677
Kenosha WI 53141-0677

June 15, 2000

FRED HAETER, ADMINISTRATOR
PUBLIC SERVICE DEPARTMENT
CITY OF KENOSHA
625 52ND STREET
KENOSHA WI 53140

JEAN MORGAN
CITY CLERK-TREASURER
CITY OF KENOSHA
625 52ND STREET
KENOSHA WI 53140

Re: **Estate of Franklin A. Tess**

Dear Mr. Haeter and Ms. Morgan:

As the personal representative of the Estate of Franklin A. Tess, owner of the property located at 7850 Sheridan Road, Kenosha, Wisconsin, I am notifying the City of Kenosha Public Service Department regarding the presence of residual petroleum hydrocarbon contamination within soil and groundwater located beneath 79th Street, in the vicinity of the above-referenced property.

Pursuant to Wisconsin Administrative Code, Chapter NR 726.05(2)(b)(4) which reads: "If there are ch. NR 140 enforcement standard exceedances on the property or properties, a groundwater use restriction which satisfies the requirements of sub. (8)(am) has been recorded at the county register of deeds office for each property, **except that a groundwater use restriction is not required for public street of highway right-of-way where there are ch. NR 140 enforcement standard exceedances in a stable or receding plume provided that the municipal clerk, and the municipal department of state agency that is responsible for maintaining the street or highway have been given written notification of the presence of residual soil and groundwater contamination within the right-of-way**", I am notifying your department of the presence of soil and groundwater

PHILLIPS, RICHARDS, MAYEW & CORRIGALL, S.C.

Mr. Fred Haeter
Ms. June Morgan
June 15, 2000
Page 2

impacts beneath 79th Street adjacent to the parcel located at 7850 Sheridan Road and which is commonly referred to as Schnaare's Service Station. These impacts may exceed the applicable Wisconsin Administrative Code, Chapter NR 720 and NR 140 standards.

Petroleum contaminated groundwater above Wisconsin Administrative Code, Chapter NR 140 enforcement standards is present in monitoring well MW-3, which is located in the 79th Street right-of-way just east of Sheridan Road. An investigation, remediation and monitoring data performed by SIGMA Environmental Services, Inc. has confirmed that the groundwater contaminant plume appears to be stable or receding and that natural attenuation will restore the groundwater to NR 140 standards within a reasonable period of time. I am enclosing tables summarizing the soil and groundwater quality and am providing a site map showing soil boring locations, remedial excavation boundaries and monitoring well locations.

If future construction activities disturb soil beneath 79th Street, the excavated soil may be considered a solid waste and require proper disposal. In addition, if future construction activities require dewatering, or if groundwater is to be otherwise extracted from beneath 79th Street, the groundwater shall be sampled and managed in compliance with applicable statutes and rules.

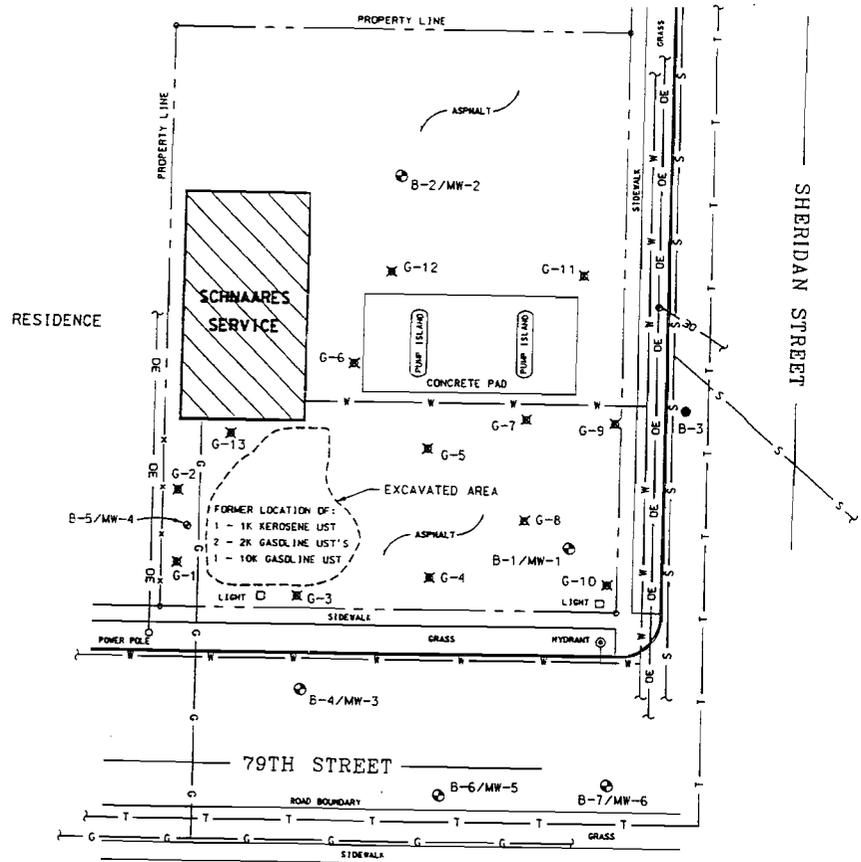
If you have any questions or comments, please contact Gene K. Klees, Jr., at SIGMA Environmental Services, Inc. His phone number is (920) 954-1020.

Very truly yours,

Donald E. Mayew
Personal Representative and Attorney
for the Estate of Franklin A. Tess

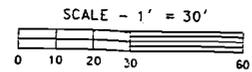
DEM:dd
Enclosures

cc: Gene Klees, SIGMA
Brian Kalvelage, DNR
James Conway, Kenosha City Attorney
(with enclosures)



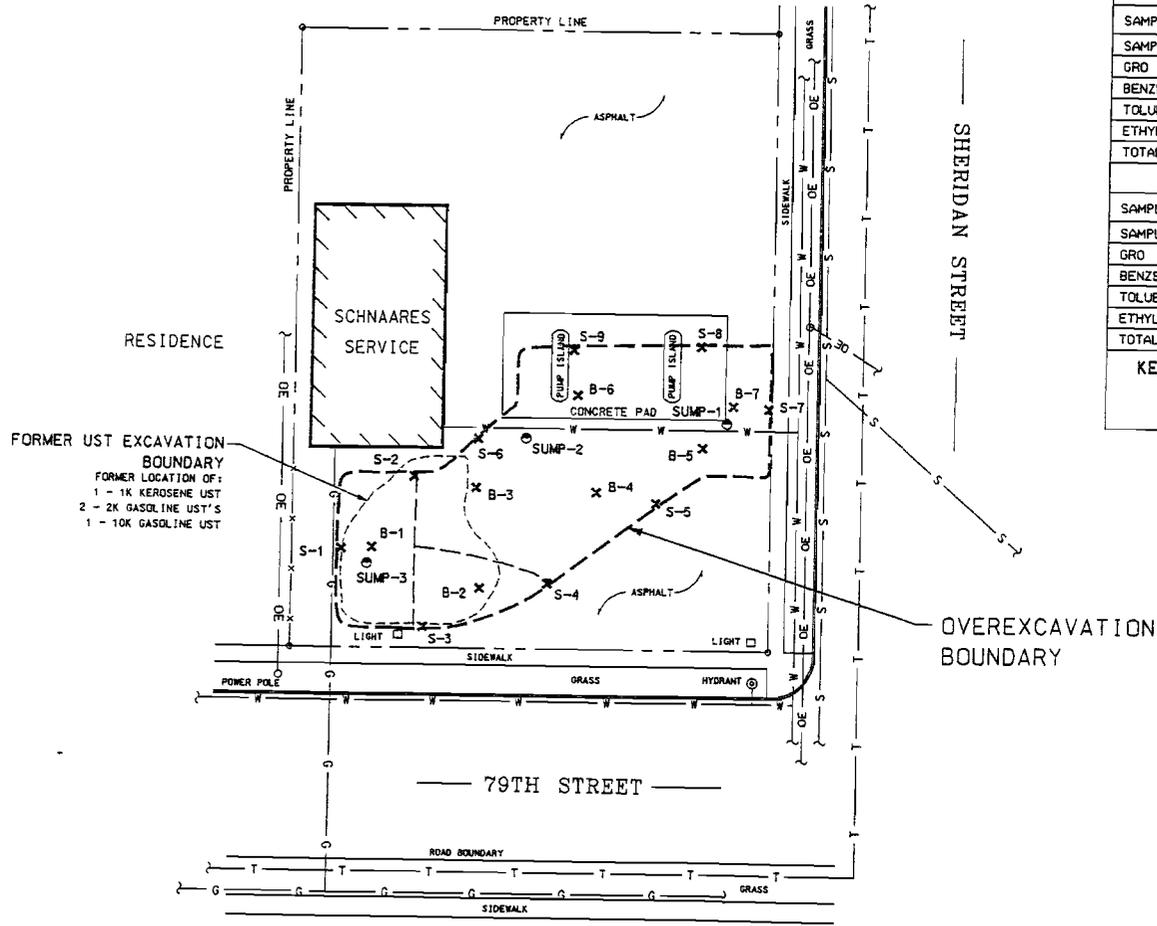
LEGEND

- = SOIL BORING LOCATION
- ⊙ = MONITORING WELL LOCATION
- ⊗ = GEOPROBE LOCATION
- G — = UNDERGROUND NATURAL GAS LINE
- W — = UNDERGROUND WATER LINE
- S — = UNDERGROUND STORM SEWER LINE
- T — = UNDERGROUND TELEPHONE CABLE
- OE — = OVERHEAD ELECTRIC LINE
- - - = PROPERTY LINE
- X — = 6' WOOD FENCE



ANTHONY MOTORS
7906 SHERIDAN RD.

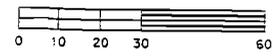
SCHNAARES SERVICE STATION		 ENVIRONMENTAL SERVICES INC.
7850 SHERIDAN ROAD, KENOSHA, WI		
DATE: 1-9-95	DR. BY: JWH	DR.# 1805-006
SOIL BORING / MONITORING WELL LOCATION MAP		SCALE: 1" = 30'
		FIGURE 3



FORMER UST EXCAVATION BOUNDARY
 FORMER LOCATION OF:
 1 - 1K KEROSENE UST
 2 - 2K GASOLINE UST'S
 1 - 10K GASOLINE UST

ANTHONY MOTORS
 7906 SHERIDAN RD.

NOTE:
 DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE
 ONLY - SITE HAS NOT BEEN SURVEYED.



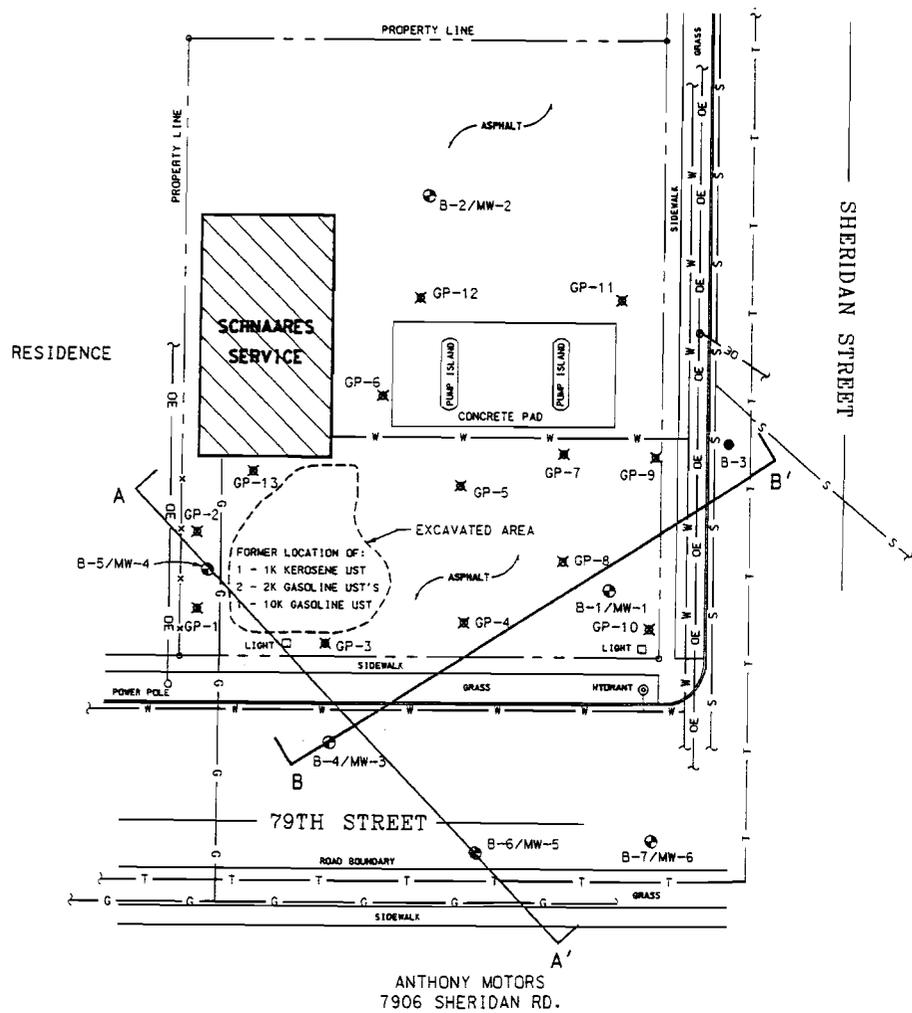
SOIL LABORATORY RESULTS (EXCAVATION BASE)								
SAMPLE LOCATION	B-1	B-2	B-3	B-4	B-5	B-6	B-7	UNITS
SAMPLE DEPTH	11'	10'	7'	9'	10'	10'	9'	ft bgs
GRO	<10	19	<10	<10	<10	<10	<10	mg/kg
BENZENE	<25	15,000	<25	<25	<25	<25	<25	ug/kg
TOLUENE	<25	100	<25	<25	<25	<25	<25	ug/kg
ETHYLBENZENE	<25	43	<25	<25	<25	<25	<25	ug/kg
TOTAL XYLENES	<25	250	<25	<25	<25	<25	<25	ug/kg

SOIL LABORATORY RESULTS (EXCAVATION SIDEWALL)										
SAMPLE LOCATION	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	UNITS
SAMPLE DEPTH	6'	6'	6'	6'	6'	6'	6'	6'	6'	ft bgs
GRO	<10	<10	<10	<10	<10	NS	21	39	<10	mg/kg
BENZENE	480	<25	<25	<25	<25	NS	<25	<25	<25	ug/kg
TOLUENE	<25	39	26	<25	28	NS	<25	<25	66	ug/kg
ETHYLBENZENE	1000	<25	300	<25	<25	NS	87	<25	42	ug/kg
TOTAL XYLENES	71	58	<50	<50	<50	NS	68	77	640	ug/kg

KEY
 ug/kg = MICROGRAMS PER KILOGRAM
 mg/kg = MILLIGRAMS PER KILOGRAM
 NS = NOT SAMPLED

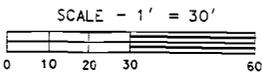
LEGEND	
S-X	= EXCAVATION SIDEWALL SAMPLE
B-X	= EXCAVATION BASE SAMPLE
SUMP-⊙	= 6" GROUNDWATER SUMP
---	= FORMER UST EXCAVATION BOUNDARY
---	= OVEREXCAVATION BOUNDARY
G	= UNDERGROUND NATURAL GAS LINE
W	= UNDERGROUND WATER LINE
S	= UNDERGROUND STORM SEWER LINE
T	= UNDERGROUND TELEPHONE CABLE
OE	= OVERHEAD ELECTRIC LINE
---	= PROPERTY LINE
X	= 6' WOOD FENCE

SCHNAARES SERVICE STATION 7850 SHERIDAN ROAD, KENOSHA, WI			
DATE: 10-3-97	DR. BY: BEB	DR. # 1805-016	
SOIL EXCAVATION MAP			FIGURE 4



LEGEND

- = SOIL BORING LOCATION
- ⊙ = MONITORING WELL LOCATION
- ✕ = GEOPROBE LOCATION
- G — = UNDERGROUND NATURAL GAS LINE
- W — = UNDERGROUND WATER LINE
- S — = UNDERGROUND STORM SEWER LINE
- T — = UNDERGROUND TELEPHONE CABLE
- OE — = OVERHEAD ELECTRIC LINE
- - - = PROPERTY LINE
- x — = 6' WOOD FENCE

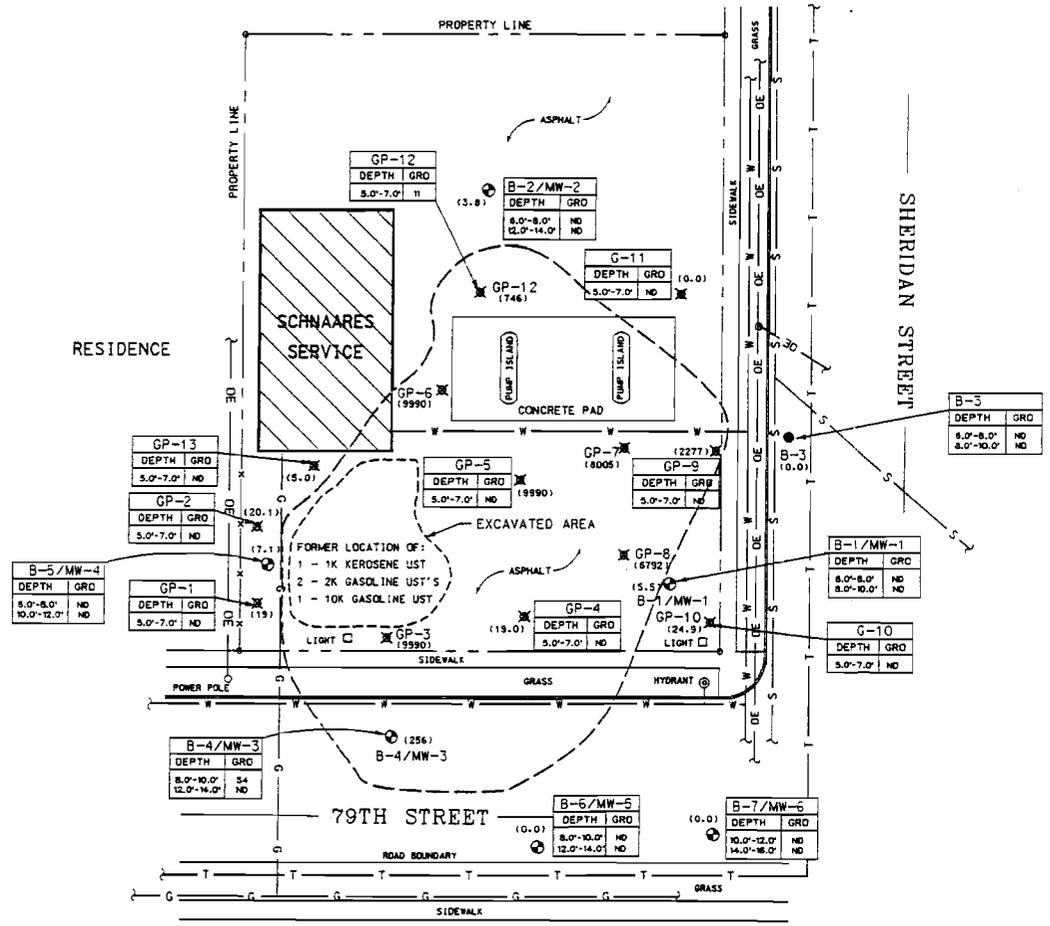
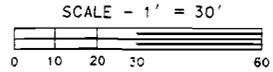


SCHNAARS SERVICE STATION			
7850 SHERIDAN ROAD, KENOSHA, WI			
DATE: 1-9-95	DR. BY: JWH	DR.# 1805-011	SCALE: 1" = 30'
GEOLOGIC CROSS SECTION LOCATION MAP			FIGURE 4



ANALYTICAL KEY	
GRD	= GASOLINE RANGE ORGANICS
ND	= NOT DETECTED
ALL SAMPLE DEPTHS ARE EXPRESSED IN FEET BELOW GROUND SURFACE	
ALL LABORATORY RESULTS EXPRESSED IN PARTS PER MILLION (ppm)	

LEGEND	
●	= SOIL BORING LOCATION
⊙	= MONITORING WELL LOCATION
⊗	= GEOPROBE LOCATION
— G —	= UNDERGROUND NATURAL GAS LINE
— W —	= UNDERGROUND WATER LINE
— S —	= UNDERGROUND STORM SEWER LINE
— T —	= UNDERGROUND TELEPHONE CABLE
— OE —	= OVERHEAD ELECTRIC LINE
---	= PROPERTY LINE
— X —	= 6' WOOD FENCE
()	= PHOTOIONIZATION DETECTOR RESPONSE
⬭	= ESTIMATED EXTENT OF GASOLINE AFFECTED SOIL



ANTHONY MOTORS
7906 SHERIDAN RD.

SCHNAARS SERVICE STATION		SIGMA ENVIRONMENTAL SERVICES INC.	
7850 SHERIDAN ROAD, KENOSHA, WI			
DATE: 1-9-95	DR. BY: JWH	DR. # 1805-014	SCALE: 1" = 30'
ESTIMATED EXTENT OF SOIL IMPACT MAP			FIGURE 7

TABLE 1
ESTATE OF FRANKLIN TESS
SCHNAARES SERVICE STATION
KENOSHA, WI
POST EXCAVATION SOIL SAMPLE RESULTS

Sample Number	Date	PID (i.u.)	Depth (bgs)	Parameters Tested								
				GRO (mg/kg)	Benzene (ug/kg)	Ethylbenzene (ug/kg)	MTBE (ug/kg)	Toluene (ug/kg)	1,2,4 TMB (ug/kg)	1,3,5 TMB (ug/kg)	Total Xylenes (ug/kg)	Lead (mg/kg)
* B-1	09/22/97	40.7	11	<10	<25	<25	84.0	<25	81.0	26.0	110.0	16.0
B-2	09/22/97	13.5	10	19.0	15000	43.0	510.0	100.0	110.0	32.0	250.0	11.0
B-3	09/22/97	0.0	7	<10	<25	<25	<25	<25	<25	<25	<50	11.0
* B-4	09/22/97	0.0	10	<10	<25	<25	<25	<25	<25	<25	<50	6.0
B-5	09/23/97	5.6	6	<10	<25	<25	<25	<25	<25	<25	<50	11.0
B-6	09/23/97	0.0	10	<10	<25	<25	<25	<25	<25	<25	<50	9.0
B-7	09/23/97	0.0	9	<10	<25	<25	<25	<25	<25	<25	<50	11.0
S-1	09/22/97	12.2	6	<10	480	1,000.0	<25	<25	<25	<25	71.0	<4.0
S-2	09/22/97	0.0	6	<10	<25	<25	<25	39.0	<25	<25	58.0	9.0
S-3	09/22/97	0.0	6	<10	<25	300.0	<25	26.0	80.0	530.0	<50	7.0
S-4	09/22/97	0.0	6	<10	<25	<25	<25	<25	<25	<25	<50	8.0
S-5	09/23/97	0.0	6	<10	<25	<25	<25	28.0	<25	<25	<50	6.0
S-6	10/27/97	4.0	6	<10	<25	<25	<25	<25	<25	<25	<50	NT
S-7	09/23/97	49.7	6	<10	<25	87.0	<25	<25	120.0	25.0	68.0	7.0
S-8	09/23/97	89.2	6	21.0	<25	<25	<25	<25	460.0	210.0	77.0	10.0
S-9	09/23/97	94.1	6	39.0	<25	42.0	<25	66.0	1,900.0	730.0	640.0	25.0
MEOH BLANK	09/22/97	---	---	<10	<25	<25	<25	<25	<25	<25	<50	---
MEOH BLANK	09/23/97	---	---	<10	<25	<25	<25	<25	<25	<25	<50	---
NR 720 Soil Standards				100	5.5	2,900	nes	1,500	nes	nes	4,100	50

Key:

- GRO = Gasoline Range Organics
- TMB = Trimethylbenzene
- i.u. = Instrument Units
- nes = no established standard
- = not taken
- [shaded box] = Above NR 720 soil standard
- bgs = below ground surface

Note: The NR 720 soil standard of 100 mg/kg was used for GRO based on the soil type (i.e. silt). The laboratory results for GRO and PVOCs from S-6 are from a soil sample collected after the excavation was completed. The initial sample collected on 09/23/97 was received by the laboratory except the MEOH had leaked out of the container and could not be analyzed. Therefore, a subsequent sample was collected near the location of S-6.

TABLE 2
GROUNDWATER IN-FIELD GC RESULTS
SCHNAARES SERVICE STATION
7850 SHERIDAN ROAD
KENOSHA, WISCONSIN

Geoprobe #	G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11	G-12	G-13
Total BTEX (ppm)	4.077	ND	49.625	ND	> 40	6.242	0.009	---	---	0.093	0.588	---	---

KEY: BTEX = Benzene, Ethylbenzene, Toluene, and Xylene ppm = parts per million
 ND = Not detected --- = Not analyzed
 GC = Gas Chromatograph

TABLE 1
SUMMARY OF LABORATORY ANALYSIS RESULTS
INVESTIGATIVE SOIL SAMPLES
SCIINAARES SERVICE STATION
7850 SHERIDAN ROAD
KENOSHA, WISCONSIN

Sample ID	Depth Collected (ft bgs)	Date Collected	PID Response (i.u.)	In-Field GC Total BTEX (ppm)	Laboratory Analysis								
					GRO (ppm)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Total Xylenes (ppb)	1,3,5-Trimethylbenzene (ppb)	1,2,4-Trimethylbenzene (ppb)	MTBE (ppb)	Total Lead (ppm)
G-1	5-7	06/22/93	19.0	0.009	<6.1	<120	<120	<120	<360	<120	<120	<120	<3.6
G-2	5-7	06/22/93	20.1	0.15	<6.3	<120	<330	140	640	<120	150	<120	<3.8
G-3	5-7	06/23/93	>9999	>40	---	---	---	---	---	---	---	---	---
G-4	5-7	06/22/93	0.0	0.214	<6.0	<120	<120	<120	<360	<120	<120	<120	<3.6
G-5	5-7	06/23/93	>9999	>40	---	---	---	---	---	---	---	---	---
G-6	5-7	06/23/93	>9999	>40	---	---	---	---	---	---	---	---	---
G-7	5-7	06/23/93	8005	0.055	---	---	---	---	---	---	---	---	---
G-8	5-7	06/23/93	6792	>40	---	---	---	---	---	---	---	---	---
G-9	5-7	06/23/93	2277	0.191	<6.2	<120	<120	<120	<370	<120	<120	<120	4.2
G-10	5-7	06/23/93	24.9	3193	<6.2	<120	<120	<120	<370	<120	<120	<120	4.5
G-11	5-7	06/23/93	0.0	ND	<6.1	<120	<120	<120	<370	<120	<120	<120	6.0
G-12	5-7	06/23/93	746	ND	11	<120	<120	170	<360	<120	130	<120	3.8
G-13	5-7	06/23/93	0.0	ND	<6.1	<120	<120	<120	<370	<120	<120	<120	3.7
B-1	6-8	05/10/94	5.5	---	<3.1	<62	<62	<62	<62	<62	<62	<62	2.4
B-1	8-10	05/10/94	4.5	---	<3.0	<61	<61	<61	<61	<61	<61	<61	2.4
B-2	6-8	05/10/94	1.9	---	<63	<63	<63	<63	<63	<63	<63	<63	4.6
B-2	12-14	05/10/94	5.8	---	<2.8	<56	<56	<56	<56	<56	<56	<56	13
B-3	6-8	05/10/94	0.0	---	<2.9	<59	<59	<59	<59	<59	<59	<59	32
B-3	8-10	05/10/94	0.0	---	<3.1	<62	<62	<62	2300	<62	<62	<62	26
B-4	8-10	05/19/94	236	---	54	3900	<63	5000	27300	320	1500	160	4.6
B-4	12-14	05/10/94	1.9	---	<2.8	<56	<56	<56	<56	<56	<56	<56	11
B-5	6-8	05/10/94	6.0	---	<3.1	120	<61	100	460	<61	<61	<61	3.7
B-5	10-12	05/10/94	8.8	---	<2.8	<57	<57	<57	<57	<57	<57	<57	13
B-6	8-10	11/09/94	0.0	---	<3.0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<3.9
B-6	12-14	11/09/94	0.0	---	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	8.0
B-7	10-12	11/09/94	0.0	---	<3.1	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	2.3	5.6
B-7	14-16	11/09/94	0.0	---	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	11

KEY: i.u. = Instrument units (as isobutylene) MTBE = Methyl-Tert-Butyl Ether ft bgs = feet below ground surface
ppm = parts per million ft bgs = feet below ground surface
ppb = parts per billion BTEX = Benzene, Toluene, Ethylbenzene, Xylenes
ND = Not detected GRO = Gasoline Range Organics
--- = Not analyzed GC = Gas Chromatograph