

DISCLAIMER

As of August 1, 2002 the DNR began adding sites previously closed with what are now known as continuing obligations to the [Wisconsin Remediation and Redevelopment Database \(WRRD\)](#).

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 case was closed.

The information contained in this document was assembled by DNR from the case file to provide the public with information on residual contamination and continuing obligations. More information may be found in the site file, which, if available, will also be listed on BRRTS on the Web.



ENVIRONMENTAL & REGULATORY SERVICES
PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
www.commerce.state.wi.us
Scott McCallum, Governor
Brenda J. Blanchard, Secretary

August 28, 2001

DARLENE RENKAS
GEORGE'S SELF SERVICE
500 S. LAKE AVENUE
CRANDON, WI 54520

RE: COMMERCE # 54520-1550-00B; BRRTS # 03-21-194054
George's Self Service, 500 S. Lake Avenue, Crandon, WI

Case Closure - Approved

Dear Ms. Renkas:

The Department of Commerce PECFA Site Review section has received documentation that the conditions necessary for site closure as detailed in the Department's October 23, 2000 *Case Closure (Conditional Upon Receipt of Documentation)* letter have been met. Therefore, the Department considers that no further action is necessary and has updated our database to reflect this closure.

Thank you for your efforts in restoring Wisconsin's environment. If you have any questions, feel free to contact me at (608) 261-2515.

Sincerely,

A handwritten signature in blue ink, appearing to read 'David Blair'.

David Blair
Hydrogeologist
PECFA Site Review Section

cc: Lynelle Caine, Northern Environmental
PECFA electronic file

LETTER OF TRANSMITTAL

Northern EnvironmentalSM
 Hydrologists • Engineers • Geologists

954 Circle Drive
 Green Bay, Wisconsin 54304

414-592-8400
 1-800-854-0606
 Fax 414-592-8444

DATE	8/22/01	PROJECT NO.	655-0814
ATTENTION	Denise Nettesheim		
RE	George's Self Service		
	PELFA Claim # S4520-1580-00B		
	DNR # 03-21-194054		

TO: WI Dept. of Commerce
 P.O. Box 8044
 Madison, WI 53708

WE ARE SENDING YOU

- Attached
- Under separate cover
- Shop Drawings
- Specifications
- Plans
- Copy of letter
- Samples
- Change order
- _____

COPIES	DESCRIPTION	
1	Notice of Contamination	RECEIVED AUG 24 2001 ERS DIVISION

THESE ARE TRANSMITTED (see code)

- A. For Approval
- F. No Exceptions Taken
- J. Resubmit _____ Copies for Review
- B. For Your Use
- G. Make Noted Corrections
- K. Submit _____ Copies for Distribution
- C. As Requested
- H. Amend & Resubmit
- L. Return _____ Corrected Prints
- D. For Review and Comment
- I. _____
- M. Review and Sign _____
- E. For Bids Due _____ 19 ____

REMARKS: Attached please find a copy of the "Notice of Contamination to Property" for George's Self Service site in Candon, WI. Copies of the well abandonment forms were previously submitted to the Dept. Please submit a response that you have received the information requested in the Conditional Case Closure letter dated October 23, 2000. Call w/ any questions, Thank You

COPY TO: _____
 4 Darlene Renkas

SIGNED: *[Signature]*

172620

Document Number

NOTICE OF CONTAMINATION TO
PROPERTY

Legal Description of the Property:

In Re: The North Sixteen (16) feet of Lot Three (3) and all of Lot Four (4) in Block One (1), plat of Shaw's First Addition to the City of Crandon, Wisconsin according to the recorded plat thereof.

VOL. 240 PAGE 276

REGISTER'S OFFICE
Forest County, WI

Received for record this 16th day
of August A.D. 2001
at 9:10 o'clock A M. and
recorded in Vol. 240 of records
on page 276-277

Kay Swanson
Deputy REGISTER

DATA ENTRY ✓
TRACT INDEX ✓
RECORDING FEE \$12.00/pd

Recording Area

Name and Return Address

Darlene Renkas
George's Self Serve
500 South Lake Street
Crandon, Wisconsin 54520
545E

Parcel Identification Number (PIN)

STATE OF WISCONSIN)
) ss
COUNTY OF FOREST)

Section 1. Darlene Renkas is the owner of the above-described property.

Section 2. One or more petroleum discharges have occurred at this property. Petroleum contaminated soils above NR 720 residual contaminant levels of the Wisconsin Administrative Code exist on this property.

Section 3. The owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitations and/or restrictions:

Residual petroleum contaminated soil above NR 720 residual contaminant levels remains on this site in the area of the dispenser island. It has been shown that these levels are protective of health and the environment. If this contaminated soil is excavated in the future, it may be considered a solid waste and will need to be disposed in accordance with all applicable statutes and rules.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Commerce, or its successor, issue a determination that the restrictions set forth in this covenant are no longer required. That property owner shall provide any and all necessary information to the Department in order for the Department to be able to make a determination. Upon receipt of such a request, the Department shall determine whether or not the restrictions contained herein can be extinguished. Conditions under which a restriction may be extinguished will be determined in accordance with the site specific standards, rules and laws for this property. If the Department determines that the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this restriction, or portions of this restriction are no longer binding. Any restriction placed upon this property shall not be extinguished without the Department's written determination.

IN WITNESS WHEREOF, the owner of the property has executed this document, this 6th day of August, 2001.

Signature: Darlene Renkas

Printed Name: Darlene Renkas

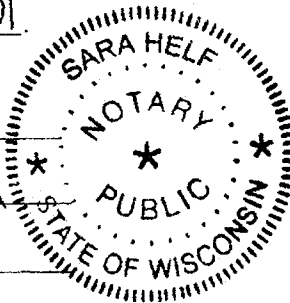
Title: Owner

Subscribed and sworn to before me

this 6th day of August, 2001.

Sara Helf
Notary Public, State of Wisconsin

My commission 5-1-05



This document was drafted by the Wisconsin Department of Commerce.

LETTER OF TRANSMITTAL

Northern EnvironmentalSM
Hydrologists • Engineers • Geologists

954 Circle Drive
Green Bay, Wisconsin 54304

920-592-8400
1-800-854-0606
Fax 920-592-8444

DATE	12/19/00	PROJECT NO.	GSS03-1408.0814
ATTENTION	Denise DeHesheim		
RE	George's Self Serve		
	500 th S. Lake Ave		
	Crawdon, WI 54520		
	BETS# 03-21-194054		
	Commerce # 54520-1550-00B		

TO: WI Dept of Commerce
P.O. Box 8044
Madison, WI 53708

WE ARE SENDING YOU

- | | |
|--|--|
| <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Under separate cover |
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Specifications <input type="checkbox"/> Plans |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Samples <input type="checkbox"/> Change order |
| <input type="checkbox"/> | |

COPIES	DESCRIPTION	RECEIVED
5	Well Abandonment Forms	DEC 20 2000 ERS DIVISION

THESE ARE TRANSMITTED (see code)

- | | | |
|--|---------------------------|---|
| A. For Approval | F. No Exceptions Taken | J. Resubmit _____ Copies for Review |
| <input checked="" type="radio"/> B. For Your Use | G. Make Noted Corrections | K. Submit _____ Copies for Distribution |
| C. As Requested | H. Amend & Resubmit | L. Return _____ Corrected Prints |
| D. For Review and Comment | I. _____ | M. Review and Sign _____ |
| E. For Bids Due _____ 19 _____ | | |

REMARKS: Denise,
We contacted John Sager at the WPNR regarding abandonment of the monitoring wells. Because the source of the non-petroleum contaminants is not an active site he told us to proceed w/ abandonment of the wells. The well abandonment forms are attached. Call w/ any questions.

COPY TO: _____

Thank you,
SIGNED: *Alfred P. [Signature]*



October 23, 2000

DARLENE RENKAS
GEORGE'S SELF SERVICE
500 S. LAKE AVENUE
CRANDON, WI 54520

LYNELLE CAINE
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY, WI 54304

RE: COMMERCE # 54520-1550-00B; DNR # 03-21-194054
George's Self Service, 500 S. Lake Ave., Crandon, WI 54520

Case Closure (Conditional Upon Receipt of Documentation)

Dear Ms. Renkas:

The above referenced site was reviewed again for closure by Wisconsin Department of Commerce PECFA Site Review staff in response to the August 23, 2000 case closure request prepared by your consultant, Northern Environmental. The submittal was in response to a July 6, 2000 closure denial issued by the Department. According to your consultant, the closure request is for the release associated with the two 6,000-gallon gasoline and one 4,000 diesel underground storage tank systems and associated dispenser island currently in use.

Using the standards established in the NR 700 series, Wisconsin Administrative Code, and the risk criteria of Comm 46, Wis. Adm. Code, the Department has determined that this site does not pose a significant threat to the environment and human health and no further investigation or remedial action is necessary. It is understood that there is residual soil contamination present on site that exceeds NR 720 residual contaminant levels. Also, there is groundwater contamination on site that exceeds NR140 preventative action limits (PAL) observed in monitoring wells MW300 and MW400 for naphthalene and MTBE. Pursuant to NR 140.28(2), Wis. Adm. Code, a PAL exemption is granted for naphthalene and MTBE at this site. This letter serves as your exemption.

As documented in the February 29, 2000 *Results of Site Investigation of a Gasoline Release and Recommendation for Case Closure* report, there are non-petroleum sources of contamination on this site. The Wisconsin Department of Natural Resources (WDNR) has regulatory oversight for non-petroleum compounds.

The following items are necessary as a condition of case closure. Within 60 days, please submit the following information to the Department at the letterhead address:

1. A notification must be placed on the property deed that addresses the soil contamination in the format provided (see enclosed example of a deed notice). This would state that there is residual soil contamination on the property. Please complete this and submit a signed, notarized, and recorded (with the County Register of Deeds) copy(s) to this office.

2. Monitoring well abandonment documentation. Prior to abandonment of the monitoring wells, you **must** contact the WDNR project manager with oversight for the non-petroleum contamination at this site because the monitoring wells may be needed for future groundwater monitoring. If any of the wells are needed for further monitoring, responsibility for abandonment of the wells must be transferred to the responsible party for the non-petroleum contamination in the area. Either submit abandonment documentation for the wells and/or provide a copy of the transfer of authority authorization. The WDNR project manager is Mr. John Sager. He can be reached at (715) 623-4190, ext. 3125, in Antigo, WI.

IMPORTANT: Before this **petroleum** case can be officially listed as "closed" on the Wisconsin Department of Commerce computer database, you or your consultant must submit the requested information. If review of the submitted information affects closure status of this site, you will be notified accordingly. **Upon receipt of the required information, the case file will be transferred to the WDNR for regulatory oversight for the non-petroleum contamination.**

It is important to realize that if the land use conditions change in the future and the contaminated soil is disturbed, appropriate measures must be implemented to assure residual contamination is managed following all applicable statutes and rules.

If in the future there is an indication that any contamination that remains poses a threat, the need for further remediation would be determined and required if necessary. If subsequent information indicates a need to reopen this case, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent that the remaining contamination is eligible under 101.143 Stats. and PECFA rules.

If you have any questions, feel free to contact me at (608) 261-7719.

Sincerely,



Denise Nettlesheim
Hydrogeologist

Enclosure

cc: PECFA electronic file
John Sager, WDNR, 223 E. Steinfest Rd., Antigo, WI 54409

Document Number

**NOTICE OF CONTAMINATION TO
PROPERTY**

Legal Description of the Property: In re:

(as it appears on the most recent deed)

DRAFT

Recording Area

Name and Return Address

STATE OF WISCONSIN)
) ss
COUNTY OF)

Parcel Identification Number (PIN)

Section 1. _____ is the owner of the above-described property.

Section 2. One or more petroleum discharges have occurred at this property. Petroleum contaminated soils above NR 720 residual contaminant levels of the Wisconsin Administrative Code exist on this property.

Section 3. The owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitations and/or restrictions:

Residual petroleum contaminated soil above NR 720 residual contaminant levels remains on this site in the area of the dispenser island. It has been shown that these levels are protective of health and the environment. If this contaminated soil is excavated in the future, it may be considered a solid waste and will need to be disposed in accordance with all applicable laws.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Commerce, or its successor, issue a determination that the restrictions set forth in this covenant are no longer required. That property owner shall provide any and all necessary information to the Department in order for the Department to be able to make a determination. Upon receipt of such a request, the Department shall determine whether or not the restrictions contained herein can be extinguished. Conditions under which a restriction may be extinguished will be determined in accordance with the site specific standards, rules and laws for this property. If the Department determines that the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this restriction, or portions of this restriction are no longer binding. Any restriction placed upon this property shall not be extinguished without the Department's written determination.

IN WITNESS WHEREOF, the owner of the property has executed this document, this _____ day of _____, 20____.

[When appropriate use the following clause]:

By signing this document, [he/she] acknowledges that [he/she] is duly authorized to sign this document on behalf of _____.

Signature: _____

Printed Name: _____

Title: _____

Subscribed and sworn to before me
this _____ day of _____, 20__.

Notary Public, State of _____
My commission _____

This document was drafted by the Wisconsin Department of Commerce.

August 23, 2000
(GSS03-1408-0814)

RECEIVED
AUG 25 2000
ERS DIVISION

Ms. Denise Nettesheim
Wisconsin Department of Commerce
Post Office Box 8044
Madison, Wisconsin 53708

RE: Case Closure Request for George's Self Serve, 500 South Lake Street, Crandon, Wisconsin;
WDNR ID# WDNR LUST ID #03-21-194054, PECFA Claim #54520-1550-00B

Dear Ms. Nettesheim:

OCC A - closure by ONR 3/96
BERT'S # 03-21-000359

Northern Environmental Technologies, Incorporated (Northern Environmental) is resubmitting a case closure request for George's Self Serve, 500 South Lake Street, Crandon, Wisconsin (the Site). On February 29, 2000, Northern Environmental submitted a request for case closure to the Wisconsin Department of Commerce (WDCOMM) for the Site. Based upon the letter dated July 6, 2000, case closure was denied and WDCOMM requested additional information be collected at the Site. The information you requested is provided as follows:

"Given that groundwater contamination levels are fluctuating above and below NR 140, Wisconsin Administrative Code, enforcement standards for several compounds, at least one additional round of groundwater sampling is required to confirm trends for these compounds. Submit the lab results to the Department".

- ▲ On July 20, 2000, Northern Environmental collected an additional round of ground-water samples from the Site monitoring wells. Results of the July 20, 2000, sampling event indicate that MTBE concentrations are present above the Chapter NR 140 Wisconsin Administrative Code (Wis. Admin. Code) preventive action limit (PAL) in MW400 and naphthalene concentrations remain above the PAL in MW300. No other compounds were detected above the PAL or enforcement standards (ES) in any of the monitoring wells. Given that petroleum constituents in the ground water were not detected above the ES during the last two sampling events during December 1999 or July 2000, Northern Environmental believes the site meets the requirements to obtain case closure. In addition, natural attenuation data indicates the sufficient nutrients are available to sustain intrinsic bioremediation of remaining ground-water contaminants. Laboratory results of ground-water samples collected from the monitoring wells are included in Table 1. Natural attenuation data is included in Table 2. Copies of laboratory analytical reports are also attached.

"In addition, you and your consultant need to evaluate any direct contact hazards in the upper four feet of soil at the site, especially in the vicinity of the dispenser island, where a concentration of 1,400 parts per million gasoline range organics (GRO) was detected in a phase II investigation in 1998. Submit the laboratory results and evaluations to the Department."

- ▲ On July 20, 2000, Northern Environmental advanced one hand auger boring B800, near the dispenser island area to further evaluate the direct contact hazards in the top four feet of soil. Given the location of the underground product piping and associated dispensers, the soil boring was advanced immediately to the east of the existing pump island. The soil boring was completed to approximately 4 feet below grade. One soil sample collected from 2 to 2.5 feet was submitted for laboratory analysis for PVOC and 1,2 dichloroethane (1,2 DCA). Results of laboratory analysis did not detect petroleum constituents in the soil above Wis. Admin. Code generic RCLs. Benzene and 1,2 DCA concentrations were also below the direct contact values listed in NR746.06 2 (c). Based upon these results, it appears that the extent of soil contamination identified during the Phase II ESA is limited and does not appear to pose a direct contact threat. In addition, the eastern portion of the Site, near the dispenser island, is covered with asphalt. The asphalt barrier further limits the threat to human health via direct contact. A copy of the laboratory analytical results is attached. The soil sample location is shown in the attached figure.

Northern Environmental trusts the above information adequately addresses the concern listed in the case closure denial letter. **On behalf of George's Self Serve, we are requesting that the Site be considered again for closure in accordance with ch. NR 726, Wisconsin Administrative Code.** Please call us at (920) 592-8400 if you have any questions or require additional information regarding this Site.

Sincerely,
**Northern Environmental
Technologies, Incorporated**



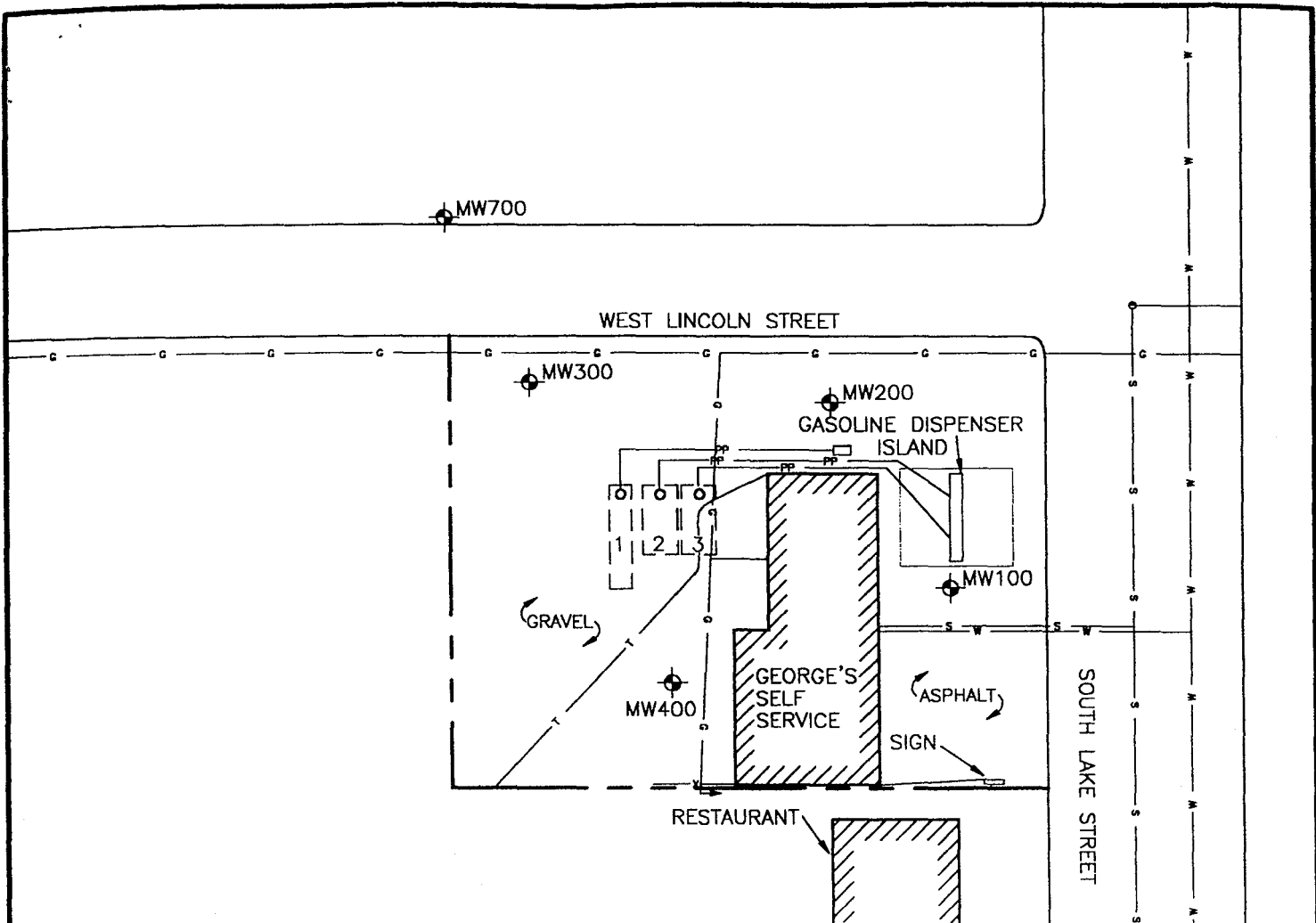
Lynelle P. Caine
Project Manager



Michael B. Roznowski
District Director

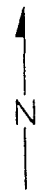
lpc/cmm
Attachments

c: Darlene Renkas

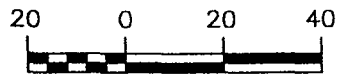


LEGEND

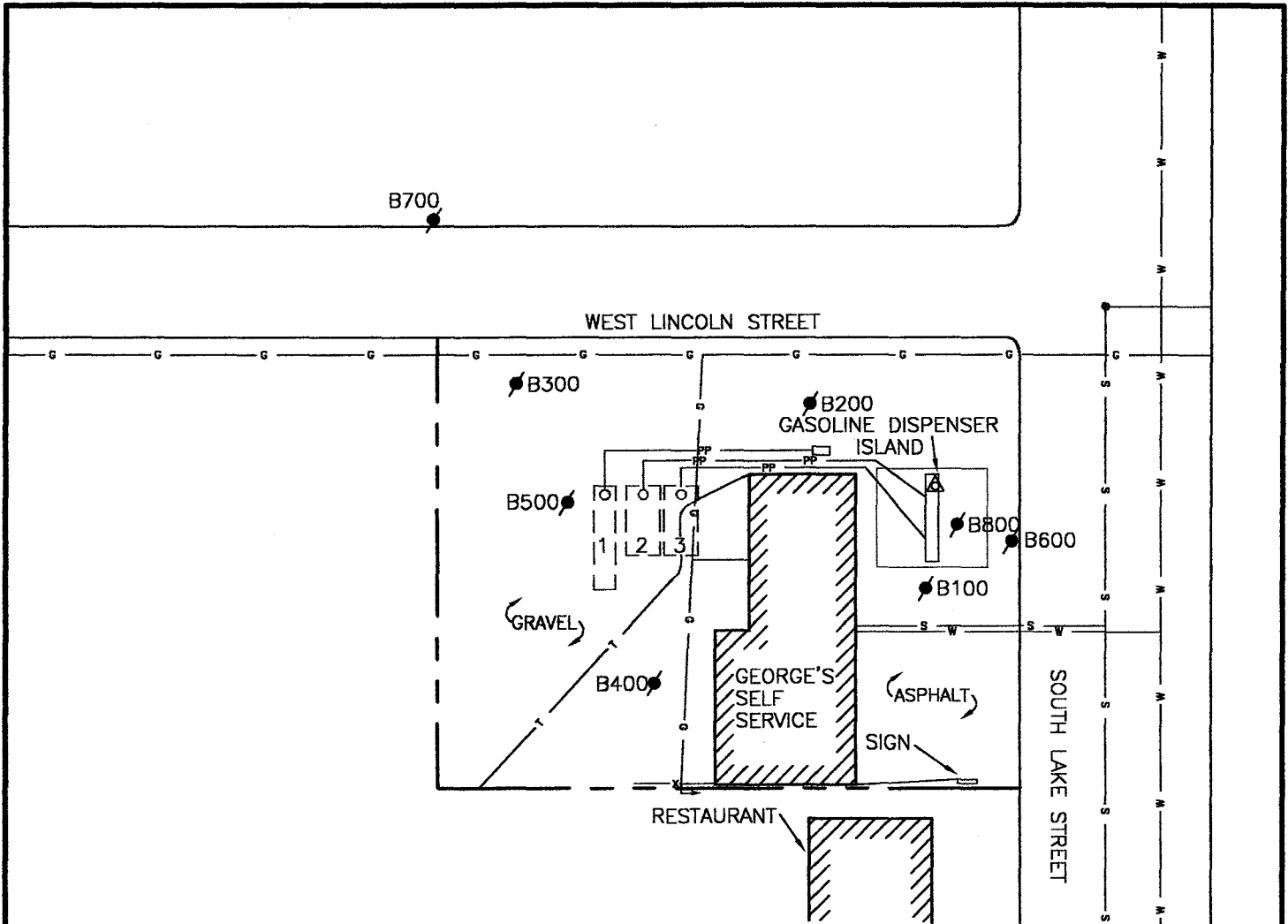
- ⊕ MW100 MONITORING WELL LOCATION
- s—s— SANITARY SEWER LINE
- w—w— WATER LINE
- g—g— GAS LINE
- t—t— TELEPHONE LINE
- x—x—x—x— FENCE LINE
- — — — — PROPERTY LINE
- oe— OVERHEAD ELECTRIC LINE
- pp— PRODUCT LINE
- DIESEL DISPENSER ISLAND
- ▭ CANOPY
- MANHOLE
- FILL PORTS
- [] UNDERGROUND STORAGE TANKS
 - UST 1 = 4,000 GALLON DIESEL
 - UST 2 = 6,000 GALLON UNLEADED GASOLINE
 - UST 3 = 6,000 GALLON UNLEADED GASOLINE



SCALE IN FEET

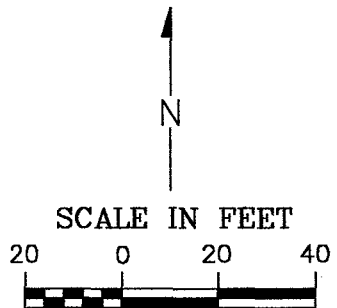


DRAWN BY: KRE	PROJECT: GSS-0814	DATE: 01/31/00	FIGURE 1 MONITORING WELL LOCATION MAP GEORGE'S SELF SERVICE CRANDON, WISCONSIN
REV. DATE	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.		
Northern Environmental SM Hydrologists • Engineers • Geologists			FOR: DARLENE RENKAS



LEGEND

- B100 SOIL BORING LOCATION
- ▲ PHASE 2 ESA SOIL SAMPLE LOCATION
- S—S— SANITARY SEWER LINE
- W—W— WATER LINE
- G—G— GAS LINE
- T—T— TELEPHONE LINE
- X—X— FENCE LINE
- — — — — PROPERTY LINE
- OE— OVERHEAD ELECTRIC LINE
- PP— PRODUCT LINE
- DIESEL DISPENSER ISLAND
- ▭ CANOPY
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 - UST 1 = 4,000 GALLON DIESEL
 - UST 2 = 6,000 GALLON UNLEADED GASOLINE
 - UST 3 = 6,000 GALLON UNLEADED GASOLINE



DRAWN BY: KRE PROJECT: GSS-0814 DATE: 01/31/00

REV. DATE 08/11/00 THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.

Northern EnvironmentalSM
Hydrologists • Engineers • Geologists

FIGURE 2
SOIL BORING LOCATION MAP
GEORGE'S SELF SERVICE
CRANDON, WISCONSIN

FOR: DARLENE RENKAS

Table 2 Inorganic Ground-Water Quality Data, George's Self-Serve, Crandon, Wisconsin

Well Number	Sample Date	Temperature (° C)	pH (su)	Conductivity (µmho/cm)	O.R.P. (mV)	D.O. (mg/l)	Nitrate (mg/l)	Manganese (mg/l)	Iron (mg/l)	Sulfate (mg/l)
MW100	5/20/99	8.5	6.55	620	135	2.66	0	0.13	0	<50
	09/15/99	13.3	6.23	1810	40	1.14	0	0.25	0	<50
	12/16/99	11.8	7.10	1090	185	0.37	2.5	<0.017	<0.139	23
	07/20/00	10.1	6.87	2180	190	2.19	2.75	0.01	<0.0124	25.7
MW200	05/20/99	8.2	6.08	940	130	0.32	0.32	>0.7	1.8	70
	09/15/99	12.1	6.08	2430	35	0.47	0.1	>0.7	1.8	60
	12/16/99	11.3	6.44	1400	200	0.49	0.67	1.4	2.2	26
	07/20/00	9.5	6.63	2230	195	0.62	1.41	0.404	<0.0124	25.7
MW300	05/20/99	8.2	6.44	600	45	0.33	0	>0.7	7.5	65
	09/15/99	12.1	6.36	1050	-35	0.38	0	0.60	8	<50
	12/16/99	11.2	6.71	720	-20	0.18	<0.002	0.71	11	12
	07/20/00	9.5	6.90	840	30	0.49	<0.08	645.00	10.1	8.89
MW400	05/20/99	10.1	6.65	420	110	9.75	0.02	0.08	0	<50
	09/15/99	11.80	6.30	1740	80	2.51	0.08	0.04	0.00	<50
	12/16/99	10.90	6.54	1190	180	3.88	5.5	<0.017	<0.139	26
	07/20/00	9.50	6.91	890	45	4.96	3.42	0.0075	<0.0124	15.9
MW700	12/16/99	11.10	6.55	520	240	6.51	0.066	0.052	<0.139	12
	07/20/00	9.6	6.64	560	150	1.74	0.28	0.0613	<0.0124	7.55

Note:

- D.O. = dissolved oxygen
- O.R.P. = oxygen-reduction potential
- COND. = specific conductance
- mg/l = milligrams per liter
- mV = millivolts
- su = standard units
- µMho/cm = microMhos per centimeter

Table 1 Ground-Water Analytical Results, George's Self-Serve, Crandon, Wisconsin

Well ID	Date Sampled	Relevant and Significant Analytical Results (µg/l)																						
		Lead	Benzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chloroform	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	Trimethylbenzene	Xylenes	Acenaphthene	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	Phenanthrene
WAC PAL (µg/l)		1.5	0.5	NE	NE	NE	0.6	140	NE	NE	12	8	NE	0.5	68.6	0.5	NE	96	124	NE	NE	NE	8	NE
WAC ES (µg/l)		5	5	NE	NE	NE	6	700	NE	NE	60	40	NE	5	343	5	NE	480	620	NE	NE	NE	40	NE
MW100	03/24/99	< 1.0	< 0.32	< 0.23	< 0.34	< 0.33	< 0.04	< 0.34	< 0.34	< 0.31	< 0.31	< 0.88	< 0.3	16	< 0.35	6.2	< 0.15	< 0.99	< 0.98	---	---	---	---	---
	05/20/99	---	< 0.32	---	---	---	---	< 0.34	---	---	< 0.31	---	---	---	< 0.35	---	---	< 0.99	< 1	---	---	---	---	---
	09/15/99	---	< 0.32	---	---	---	---	< 0.34	---	---	< 0.31	< 0.88	---	---	< 0.35	---	---	< 0.99	< 0.98	---	---	---	---	---
	12/16/99	---	< 0.32	---	---	---	---	< 0.34	---	---	< 0.31	---	---	---	< 0.35	---	---	< 0.99	< 0.98	---	---	---	---	---
	07/20/00	---	< 0.50	---	---	---	---	< 0.50	---	---	1.3	---	---	---	< 0.50	---	---	< 1.0	< 0.98	---	---	---	---	---
MW200	03/24/99	2.3 "J"	< 0.32	16	2.8	0.74 "J"	< 0.4	1 "J"	2.6	1.3	< 0.31	< 0.88	4	< 0.35	6	< 0.48	< 0.15	7.1	2 "J"	0.69	0.87 "J"	1 "J"	0.86 "J"	0.37
	05/20/99	---	< 0.32	---	---	---	---	< 0.34	---	---	< 0.31	---	---	---	< 0.35	---	---	2.6	< 1	---	---	---	---	---
	09/15/99	---	< 0.32	---	---	---	---	< 0.34	---	---	< 0.31	---	---	---	6.7	---	---	0.74 "J"	< 0.98	---	---	---	---	---
	12/16/99	---	< 0.32	---	---	---	---	0.49	---	---	< 0.31	---	---	---	7.8	---	---	2.6	1.5	---	---	---	---	---
	07/20/00	---	< 0.50	---	---	---	---	0.77	---	---	< 0.40	---	---	---	0.99	---	---	0.52	1	---	---	---	---	---
MW300	03/24/99	68	1 "J"	300	15	< 0.33	< 0.4	7.2	14	8	< 0.31	33	71	< 0.35	5.5	< 0.48	< 0.15	640	24.7	---	---	---	---	---
	05/20/99	2.8 "J"	2	---	---	---	---	13	---	---	< 0.31	31	---	---	< 0.35	---	---	294	58	---	---	---	---	---
	09/15/99	1.4 "J"	< 3.2	---	---	---	---	85	---	---	< 3.1	120	---	---	< 3.5	---	---	1580	1147	---	---	---	---	---
	12/16/99	---	< 3.2	---	---	---	---	11	---	---	< 3.1	20	---	---	3.8	---	---	197	26	---	---	---	---	---
	07/20/00	---	< 0.50	---	---	---	---	7.8	---	---	0.66	12	---	---	< 0.50	---	---	90	79.3	---	---	---	---	---
MW400	03/24/99	< 1.0	< 0.32	< 0.23	< 0.34	< 0.33	1.9	< 0.34	< 0.34	< 0.31	< 0.31	< 0.88	< 0.3	< 0.35	0.68 "J"	2.5	< 0.15	0.59 "J"	1.26 "J"	---	---	---	---	---
	05/20/99	---	< 0.32	< 0.23	< 0.34	< 0.33	< 0.4	< 0.34	< 0.34	< 0.31	< 0.31	< 0.88	< 0.3	< 0.35	< 0.35	< 0.48	< 0.15	< 0.99	< 0.98	---	---	---	---	---
	09/15/99	---	< 0.32	---	---	---	---	< 0.34	---	---	< 0.31	< 0.88	---	---	< 0.35	---	---	< 0.99	< 0.98	---	---	---	---	---
	12/16/99	---	< 0.32	---	---	---	---	< 0.34	---	---	< 0.31	---	---	---	< 0.35	---	---	< 0.99	< 0.98	---	---	---	---	---
	07/20/00	---	< 0.50	---	---	---	---	< 0.50	---	---	20	---	---	---	< 0.50	---	---	< 1.0	< 1.5	---	---	---	---	---
MW700	10/15/99	< 1	< 0.32	< 0.23	< 0.34	< 0.33	< 0.4	< 0.34	< 0.34	< 0.31	< 0.31	< 0.88	< 0.3	< 0.35	< 0.35	< 0.48	< 0.15	< 0.99	< 0.98	---	---	---	---	---
	12/15/99	---	< 0.32	---	---	---	---	< 0.34	---	---	< 0.31	< 0.88	---	---	< 0.35	---	---	< 0.99	< 0.98	---	---	---	---	---
	07/20/00	---	< 0.50	---	---	---	---	< 0.50	---	---	0.75	< 1.0	---	---	< 0.50	---	---	< 1.0	< 1.5	---	---	---	---	---

Key:
 µg/l = micrograms per liter
 WAC = Wisconsin Administrative Code
 PAL = Preventive Action Limit
 ES = Enforcement Standard
 NE = Not established by WAC
 "J" = Analyte detected between Limit of Detection and Limit of Quantitation
 --- = Not analyzed
 32 = WAC Preventive Action Limit Exceeded
 32 = WAC Enforcement Standard Exceeded



ENVIRONMENTAL & REGULATORY SERVICES
PECFA
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Madison, Wisconsin 53708-8044
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Fax #: (608) 267-1381
www.commerce.state.wi.us
Tommy G. Thompson, Governor
Brenda J. Blanchard, Secretary

July 6, 2000

DARLENE RENKAS
GEORGE'S SELF SERVICE
500 S. LAKE AVENUE
CRANDON, WI 54520

LYNELLE CAINE
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY, WI 54304

RE: COMMERCE # 54520-1550-00B; DNR # 03-21-194054
George's Self Service, 500 S. Lake Ave., Crandon, WI 54520

Case Closure Denied

Dear Ms. Renkas:

The above referenced site was reviewed again for closure by Wisconsin Department of Commerce PECFA Site Review staff in response to a February 29, 2000 closure request and additional requested information received on May 23, 2000, prepared by your consultant, Northern Environmental. According to your consultant, this relates to the release associated with the two 6,000-gallon gasoline and one 4,000 diesel underground storage tank systems and associated dispenser island currently in use. Based on this review, the Department can not consider this case for closure at this time and has the following comments and requirements.


Given that groundwater contamination contaminant levels are fluctuating above and below NR 140, Wisconsin Administrative Code, enforcement standards for several compounds, at least one additional round of groundwater sampling is required to confirm trends for these compounds. Submit the lab results to the Department.

In addition, you and your consultant need to evaluate any direct contact hazards in the upper four feet of soil at this site, especially in the vicinity of the dispenser island, where a concentration of 1,400 parts per million (ppm) gasoline range organics (GRO) was detected in a phase II investigation in 1998. Submit the laboratory results and evaluations to the Department. Analysis for GRO and diesel range organics (DRO) alone will not be acceptable.

Since it appears that the chlorinated contamination in groundwater on site is not commingled with the petroleum contamination, the Department of Natural Resources will retain administrative authority only for the chlorinated compounds which according to your consultant, are from an upgradient source.

Upon receipt of the requested information, the Department will again review this case file for closure. It is likely that a deed notice for residual contamination will be required as a condition of case closure. If you have any questions, feel free to contact me at (608) 261-7719.

Sincerely,


Denise Nettlesheim
Hydrogeologist

cc: PECFA electronic file

RECEIVED
MAY 24 2000
ERS DIVISION

954 Circle Drive
Green Bay, WI 54304
920-592-8400
1-800-854-0606
Fax • 920-592-8444
E-mail • netigb@admin.itol.com

May 23, 2000
(GSS03-1408-0814)

Ms. Denise Nettesheim
Wisconsin Department of Commerce
Post Office Box 7838
201 West Washington Avenue
Madison, Wisconsin 53707

RE: Requested Additional Information for Case Closure, George's Self Serve, 500 South Lake Street, Crandon, Wisconsin, WDNR LUST ID #03-21-194054, PECFA Claim #54520-1550-00B

Dear Ms. Nettesheim:

Per your request, Northern Environmental Technologies, Incorporated (Northern Environmental) is providing additional information for the case closure request for George's Self Serve, 500 South Lake Street, Crandon, Wisconsin (the Site). Additional information was requested for the Site regarding the completion of the Phase II Environmental Site Assessment (ESA), the disposal documentation for the investigative wastes, and the location of all former USTs. The information you requested is provided as follows:

"Please provide the results of the assessment to the Department. At minimum, documentation is needed for the soil sample(s) collected that indicated petroleum contamination was present on site. Provide lab results, boring logs, location(s), and depth(s) of sampling points, ect."

- Direct contact issued*
- ▲ Petroleum contamination was identified at the Site on March 24, 1998, during the completion of a limited Phase II ESA by Remedial Engineering, Inc. (REI). One soil sample was collected by REI near the gasoline dispenser island at approximately 2 feet below grade (fbg). Laboratory analysis detected 1400 milligrams per kilogram gasoline range organics in the soil sample. According to the information provided by REI, no additional soil samples were collected at the Site. In addition, no soil boring logs or borehole abandonment forms were prepared by REI. A copy of the laboratory analytical results is attached. The soil sample location is shown in the attached figure.

"Please Provide – Investigative waste disposal documentation."

- ▲ Soil and ground-water waste generated as part of the site investigation conducted at the Site was drummed and temporarily stored on site pending laboratory analytical results. During January 2000 approval was obtained from Mr. Bruce Johnson, Crandon Water and Sewer Utility Superintendent, to dispose of well development water at the city of Crandon's waste water treatment plant. During March 2000, the drums of ground water were hauled to the waste water treatment plant for disposal. Documentation of the ground-water disposal is attached.

During the site investigation, no petroleum constituents were detected in any of the soil samples collected from the borings at concentrations above residual contaminant levels. As a result, the soil drums were emptied and the soil was thin spread at the Site on the west side of the service station, near the existing tank system.

"Detail on a site map the location of all former underground storage tank systems".

- ▲ Northern Environmental has included a copy of a Site figure that was prepared by Square Bay Associates as part of investigation and remedial action to address a petroleum release from the former USTs at the Site. The site figure depicts three USTs and an associated pump island located on the north side of the service station. According to the Wisconsin Department of Commerce tank database, the former USTs consisted of one 3,000-gallon fuel oil UST, one 4,000-gallon fuel oil UST, and one 500-gallon gasoline UST. The USTs were removed from the Site during 1990. A petroleum release was identified from these tanks at the time of the removal. Following the UST removal, petroleum-contaminated soil was excavated from this area and properly disposed. Subsequently, the WDNR granted case closure with respect to this release. Northern Environmental is not aware of any other USTs being removed from the Site.

Northern Environmental believes we have adequately provided the information requested and **is requesting the site be reconsidered for closure.** Please feel free to contact Northern Environmental at 920-592-8400 if you have any questions.

Sincerely,

**Northern Environmental
Technologies, Incorporated**



Nicole L. LaPlant
Geologist



Lynelle P. Caine
Project Manager

lpc/kmf
Enclosure

c. Ms. Darlene Renkas

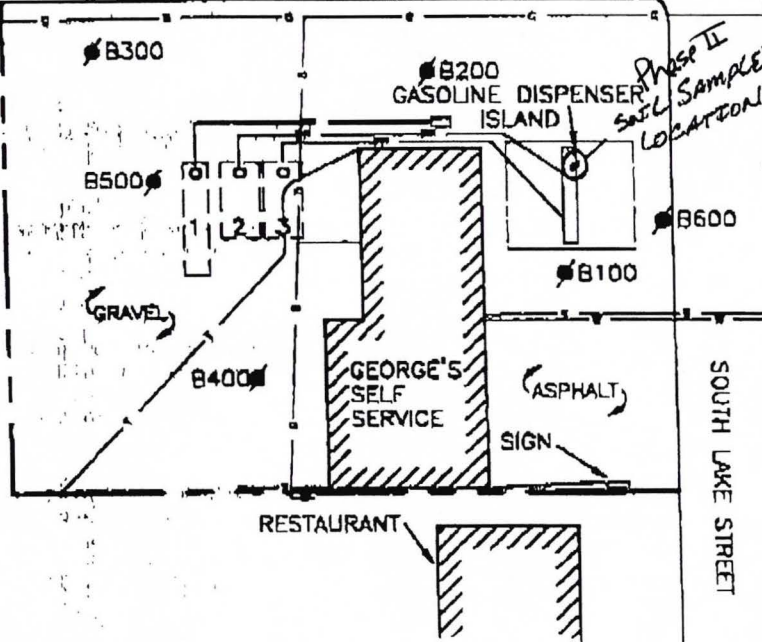
Phase II ESA Soil Sample Location

B700

WEST LINCOLN STREET

Lynelle,
Soil Sample collected w/ a hand auger. Sample depth 2' so no boring log was completed for this sample.

Ray Delong



LEGEND

- B100 SOIL BORING LOCATION
- — — — — SANITARY SEWER LINE
- — — — — WATER LINE
- — — — — GAS LINE
- — — — — TELEPHONE LINE
- — — — — FENCE LINE
- — — — — PROPERTY LINE
- — — — — OVERHEAD ELECTRIC LINE
- — — — — PRODUCT LINE
- DIESEL DISPENSER ISLAND
- ▭ CANOPY
- MANHOLE
- FILL PORTS
- [2] UNDERGROUND STORAGE TANKS
- UST 1 = 4,000 GALLON DIESEL
- UST 2 = 6,000 GALLON UNLEADED GASOLINE
- UST 3 = 6,000 GALLON UNLEADED GASOLINE



SCALE IN FEET



DRAWN BY: KRE PROJECT: GSS-0814 DATE: 01/31/00

REV. DATE THE DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL, INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.

FIGURE 2
SOIL BORING LOCATION MAP
GEORGE'S SELF SERVICE
GRANDON, WISCONSIN

Northwestern Environmental, Incorporated
Hydrologists - Engineers - Geologists

FOR: DARLENE RENKAS

GEORGE'S SELF-SERVE

CRANDON, WISCONSIN

Rhenlander

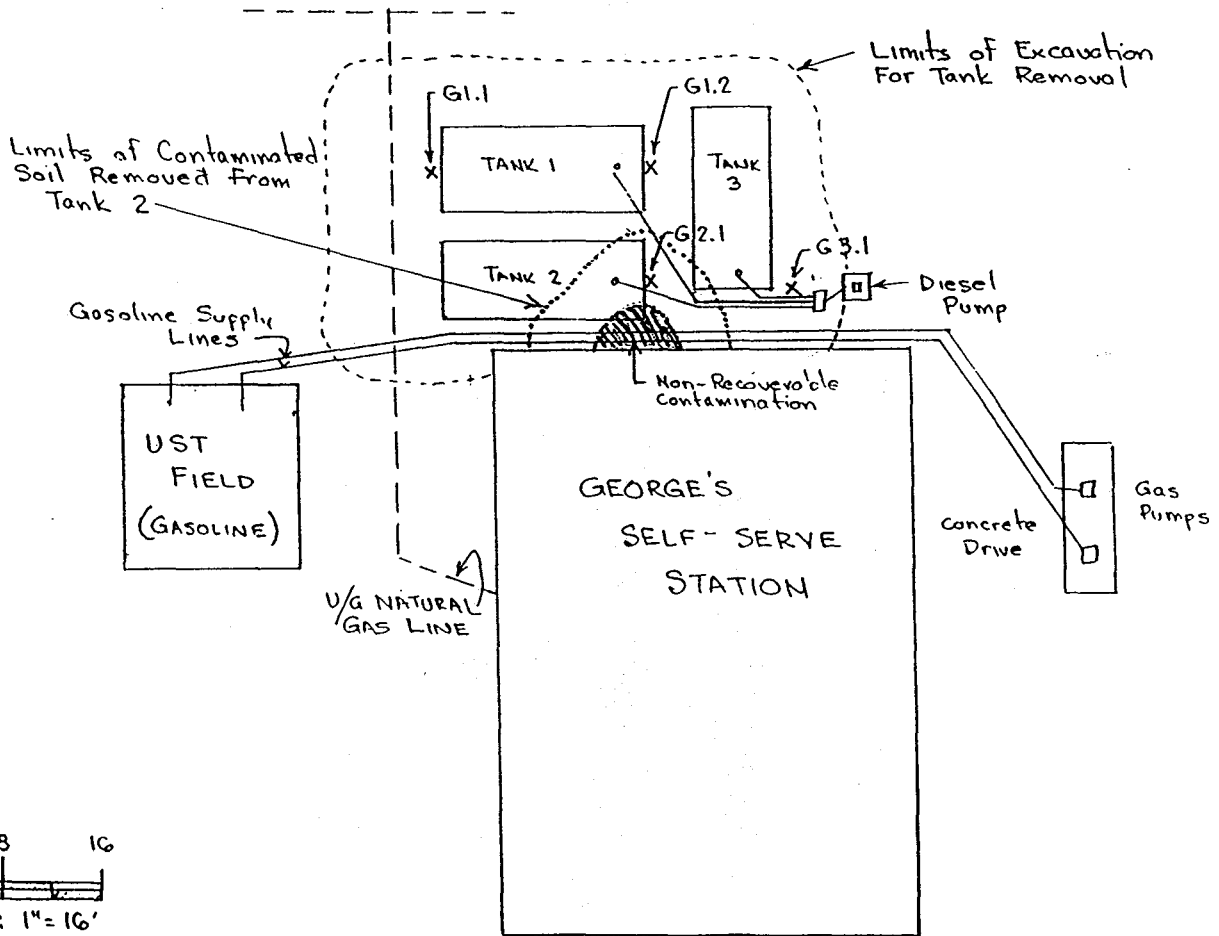
APPENDIX "A"

(Work Completed by Square Bay Associates, Crandon, WI - Site A)

Former UST Locations



WEST LINCOLN ST.



SBA 7.3.90

SITE MAP
SHOWING CONTAMINATION