State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary

101 S. Webster St.
Box 7921
Madison, Wisconsin 53707-7921
Telephone 608-266-2621
FAX 608-267-3579
TTY 608-267-6897

February 11, 2003

Dennis and Karen Skalitzky
Modern Cleaners
P.O. Box 588
Pulaski, Wisconsin 54162

Subject: Case Closure, Modern Cleaners, 119 South St. Augustine Street, Pulaski, Wisconsin BRRTS #: 02-05-210423

Dear Mr. and Mrs. Skalitzky:

On January 13, 2003, the Department received the original of the deed restriction filed for the above property. With the receipt of this document, you have now complied with the conditions of closure. A deed restriction was needed due to the soil and groundwater contamination that remained on-site. Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

Enclosed with this letter is the original deed restriction that was filed for this property. I have made a copy of it for Department files. It would probably be best if you kept the original for your own records, the Department only needs a complete copy.

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

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me in Green Bay at 920-492-5861.

Yours truly,

Alan Thomas Nass, P.G., P.S.
Hydrogeologist

Enclosure

cc: Lynelle Caine, Northern Environmental, 954 Circle Drive, Green Bay, Wisconsin 54304

1948947

Document Number

DEED RESTRICTION

BROWN COUNTY
REGISTER OF DEEDS
CATHY WILLIQUETTE

2002 NOV -7 P 2:07

Declaration of Restrictions

In Re: That Part of the Northeast One-quarter (¼) of the Northeast One-quarter (¼), Section 1, Township 25 North, Range 18 East; Being the North 23 Feet of the South 155 Feet of the East 175 Feet; Lying South of Lots 1 to 7 of Block 8 of J.J. Hoff's Plat, Village of Pulaski, Brown County, Wisconsin and as also described in Document No. 787933, Vol. 1064, Page 9, Brown County Register of Deeds Office.

Recording Area

176

Name and Return Address
Dennis and Karen K. Skalitzky
P.O. Box 558
Pulaski, Wisconsin 54162

Parcel Identification Number (PIN)

STATE OF WISCONSIN)
) ss
COUNTY OF BROWN)

WHEREAS, Dennis and Karen K. Skalitzky are the owners of the above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property. Petroleum-contaminated groundwater above ch. NR 140, Wis. Adm. Code enforcement standards existed on this property at the following location on the following date: at Temporary Well TW300 on August 4, 1999, benzo (a) pyrene at 2.7 micrograms per liter (ug/l) and benzo (b) fluoranthene at 0.82 ug/l, and soil contamination existed on the property at the following locations on the following dates: at Soil boring HB100 (HB100) on October 13, 1998, ethylbenzene at 8,100 micrograms per kilogram (ug/kg) and GRO at 550 milligrams per kilogram (mg/kg), at B100 on April 1, 1999, the following were above the proposed direct contact standards, benzo (a) anthracene at 120 ug/kg, benzo (b) fluoranthene at 160 ug/kg and ideno (1,2,3-cd) pyrene at 110 ug/kg, and at B300 on April 1, 1999, the following were above the proposed direct contact standards, benzo (a) anthracene at 320 ug/kg, benzo (a) pyrene at 330 ug/kg, benzo (b) fluoranthene at 500 ug/kg, benzo (k) fluoranthene at 330 ug/kg, dibenzo (a, h) anthracene at 110 ug/k, and

ideno (1,2,3-cd) pyrene at 230 ug/kg. Locations of TW300, HB100, B100 and B300 are provided on Figure 1 attached and made part of this restriction.

WHEREAS, it is the desire and intention of the property owners to impose on the property restrictions which will make it unnecessary to conduct further groundwater or soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140, Wis. Adm. Code groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809, Wis. Adm. Code is restricted by chs. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owners hereby declare 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 limitation and restrictions:

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 it 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 requirements 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.

The following activities are prohibited on that portion of the property described above where a cap or cover has been placed, as identified on Figure 1, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources or its successor or assign: (1) Excavating or grading of the land surface; (2) Filling on the capped area; (3) Plowing for agricultural cultivation; and (4) Construction or installation of a building or other structure with a foundation that would sit on or be placed within the cap or cover. In addition, the cap or cover shall be maintained in compliance with a plan prepared and submitted to the Wisconsin Department of Natural Resources by a responsible party, as required by section NR 724.13(2), Wis. Adm. Code (1999).

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 4TH day of November, 2002.

Signature: Dennis Skalitzky
Printed Name: Dennis Skalitzky

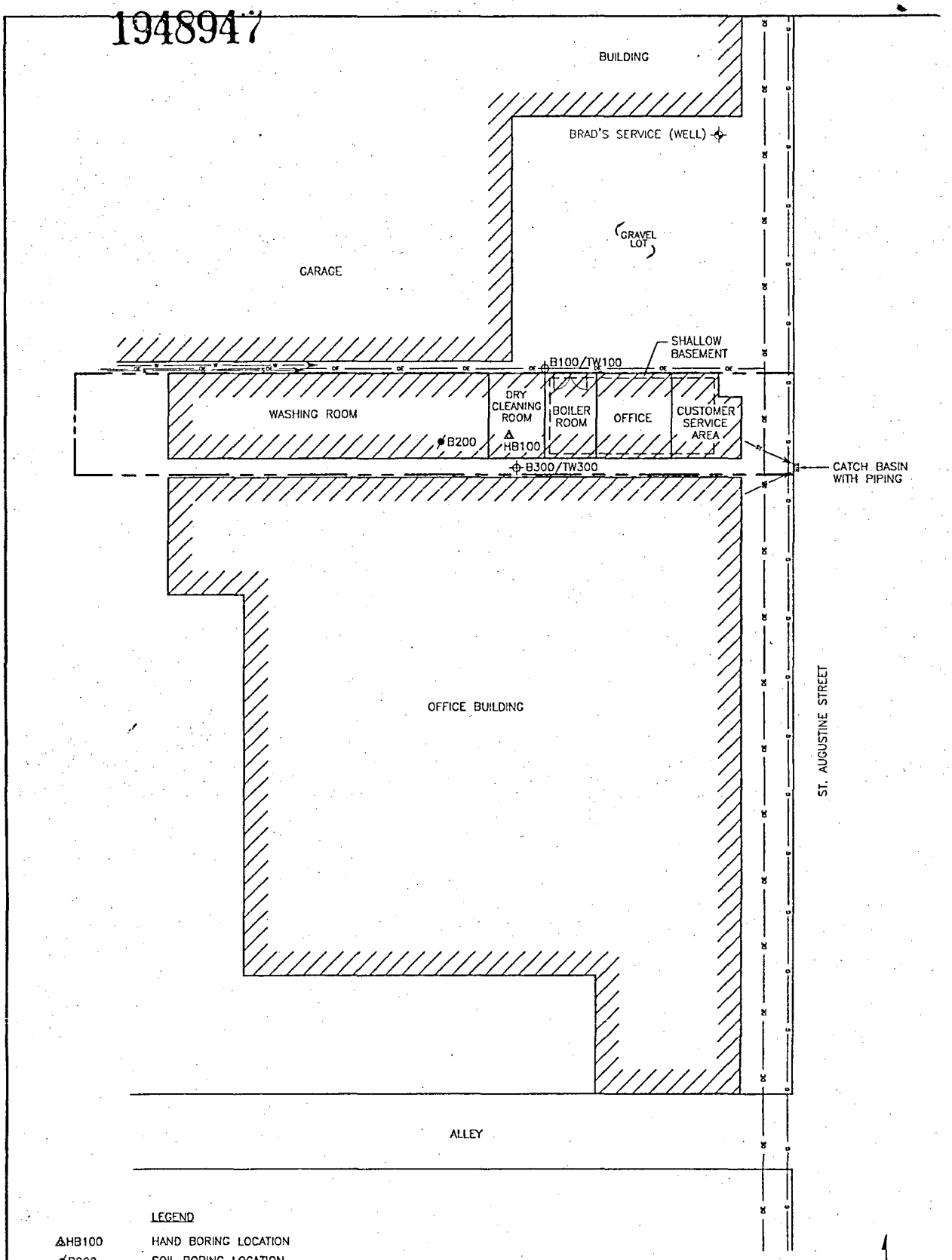
Signature: Karen Skalitzky
Printed Name: Karen K. Skalitzky

Subscribed and sworn to before me
this 4th day of November, 2002

Notary Public, State of Wisconsin
My commission expires October 1, 2006

This document was drafted by the Wisconsin Department of Natural Resources based on information provided by Northern Environmental.

1948947



LEGEND

⚠HB100	HAND BORING LOCATION
B200	SOIL BORING LOCATION
B100/TW100	SOIL BORING AND TEMPORARY WELL LOCATION
	PROPERTY LINE
g	NATURAL GAS LINE
oe	OVERHEAD ELECTRIC LINE
s	SANITARY SEWER LINE
st	STORM SEWER LINE
w	WATER LINE

N

SCALE IN FEET
10 0 10 20

S:\PROJ\MCS\0407\0599\042999-2.DWG

DRAWN BY: SXM	PROJECT: MCS-0856	DATE: 4/29/99
REV. DATE 5/7/99 7/1/99	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.	FIGURE 1 SOIL BORING AND TEMPORARY WELL LOCATIONS MODERN CLEANERS PULASKI, WISCONSIN
	Northern Environmental℠ Hydrologists · Engineers · Geologists	FOR: MODERN CLEANERS

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ronald Kazmierczak, Regional Director

Northeast Region Headquarters
1125 N. Military Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5800
FAX 920-492-5913
TDD 920-492-5912

WASTE MANAGEMENT AND BUREAU FOR REMEDIATION AND REDEVELOPMENT

FAX TRANSMITTAL SHEET

Date: January 8, 2003

TO

Name: Lynelle Caine

Company/Agency: Northern Environmental

Fax Number: 920-592-8444

FROM

Name: Alan Nass

Company/Agency: WDNR

Phone Number: 920-492-5861

Pages to follow (excluding cover sheet): 0

Comments/Message: Incomplete deed restriction – Modern Cleaners, Pulaski, WI. >> On 1/6/03, I received an incomplete copy of the filed deed restriction for the above (a page was missing). Because this submittal was the proof of filing – I need to have you or your client submit a complete copy. Thanks!

1948947

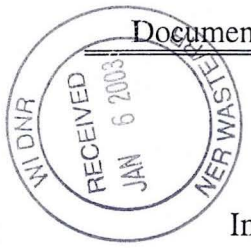
Document Number

Incomplete No 2nd Page.

DEED RESTRICTION

BROWN COUNTY
REGISTER OF DEEDS
CATHY WILLIQUETTE

2002 NOV -7 P 2:07



Declaration of Restrictions

In Re: That Part of the Northeast One-quarter (¼) of the Northeast One-quarter (¼), Section 1, Township 25 North, Range 18 East; Being the North 23 Feet of the South 155 Feet of the East 175 Feet; Lying South of Lots 1 to 7 of Block 8 of J.J. Hoff's Plat, Village of Pulaski, Brown County, Wisconsin and as also described in Document No. 787933, Vol. 1064, Page 9, Brown County Register of Deeds Office.

Recording Area

Name and Return Address
Dennis and Karen K. Skalitzky
P.O. Box 558
Pulaski, Wisconsin 54162

Parcel Identification Number (PIN)

STATE OF WISCONSIN)
) ss
COUNTY OF BROWN)

WHEREAS, Dennis and Karen K. Skalitzky are the owners of the above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property. Petroleum-contaminated groundwater above ch. NR 140, Wis. Adm. Code enforcement standards existed on this property at the following location on the following date: at Temporary Well TW300 on August 4, 1999, benzo (a) pyrene at 2.7 micrograms per liter (ug/l) and benzo (b) fluoranthene at 0.82 ug/l, and soil contamination existed on the property at the following locations on the following dates: at Soil boring HB100 (HB100) on October 13, 1998, ethylbenzene at 8,100 micrograms per kilogram (ug/kg) and GRO at 550 milligrams per kilogram (mg/kg), at B100 on April 1, 1999, the following were above the proposed direct contact standards, benzo (a) anthracene at 120 ug/kg, benzo (b) fluoranthene at 160 ug/kg and ideno (1,2,3-cd) pyrene at 110 ug/kg, and at B300 on April 1, 1999, the following were above the proposed direct contact standards, benzo (a) anthracene at 320 ug/kg, benzo (a) pyrene at 330 ug/kg, benzo (b) fluoranthene at 500 ug/kg, benzo (k) fluoranthene at 330 ug/kg, dibenzo (a, h) anthracene at 110 ug/k, and

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 4TH day of November, 2002.

Signature: _____
Printed Name: Dennis Skalitzky

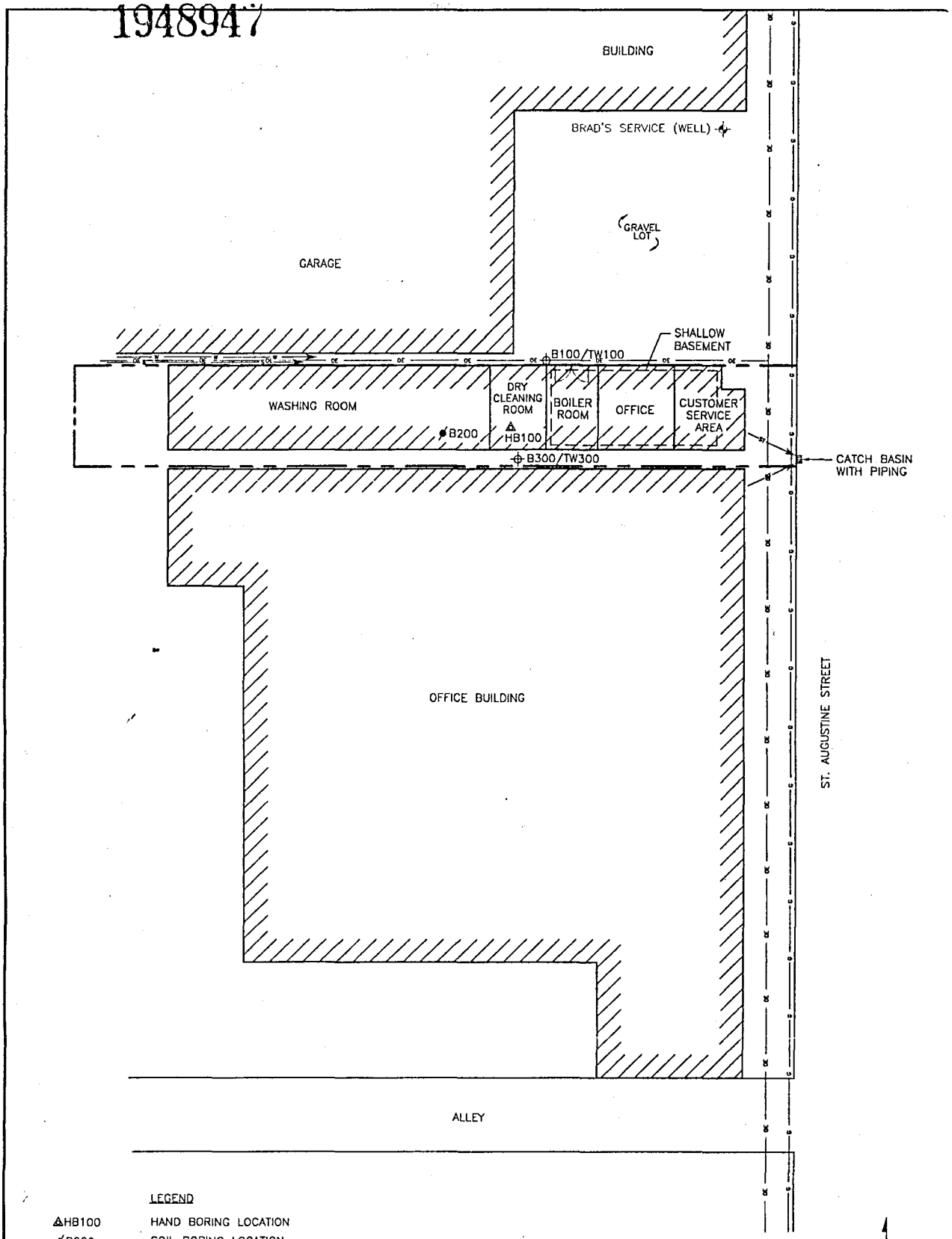
Signature: _____
Printed Name: Karen K. Skalitzky

Subscribed and sworn to before me
this 4TH day of November, 2002

_____
Notary Public, State of Wisconsin
My commission expires October 1, 2006

This document was drafted by the Wisconsin Department of Natural Resources based on information provided by Northern Environmental.

1948947



LEGEND

▲HB100	HAND BORING LOCATION
⸗B200	SOIL BORING LOCATION
⊕B100/TW100	SOIL BORING AND TEMPORARY WELL LOCATION
	PROPERTY LINE
G	NATURAL GAS LINE
OE	OVERHEAD ELECTRIC LINE
S	SANITARY SEWER LINE
ST	STORM SEWER LINE
W	WATER LINE

N

SCALE IN FEET
10 0 10

DRAWN BY: SXM	PROJECT: MCS-0856	DATE: 4/29/99
REV. DATE 5/7/99 7/1/99	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.	FIGURE 1 SOIL BORING AND TEMPORARY WELL LOCATIONS MODERN CLEANERS PULASKI, WISCONSIN
	Northern Environmental℠ Hydrologists · Engineers · Geologists	FOR: MODERN CLEANERS

S:\PROJECTS\0700856\0407856-Z.DWG

Northern Environmental℠
Hydrologists • Engineers • Geologists

954 Circle Drive
Green Bay, WI 54304
920-592-8400
800-854-0606
Fax 920-592-8444

December 20, 2002
(MCS03-0407-0856)

Mr. Alan Nass
Wisconsin Department of Natural Resources
Post Office Box 10448
Green Bay, Wisconsin 54307-0448

Re: Barrier Maintenance Plan, Modern Cleaners, 119 South St, Augustine Street, Pulaski, Wisconsin, BRRTS #02-05-240423

Dear Mr. Nass:

On behalf of Skalitzky's, Northern Environmental Technologies, Incorporated (Northern Environmental) is submitting a cap maintenance plan as part of the case closure requirement for the property located at 119 South St. Augustine Street, Pulaski, Wisconsin (the Site).

Maintenance Plan

The existing site building is to serve as an impermeable cap for contamination that remains. The floor of the site building will be inspected on an annual basis by the Site owner and examined for evidence of cracking, settling, or other damage. Damaged areas will be repaired within 30 days of discovery. A report describing the nature and extent of any damage to the barrier and subsequent repairs will be submitted to the Wisconsin Department of Natural Resources upon completion of these activities. Completed copies of written inspections will be maintained on-site. An example of the inspection form is enclosed.

We trust this information meets your needs. Please contact us at 920-592-8400 if you have any questions.

Sincerely,
Northern Environmental Technologies, Incorporated

Lynelle P. Caine
Project Manager

LPC/amk

Enclosure

c: Ms. Karen Skalitzky, Modern Cleaners

S:\proj\MCS\04070856\maintenance plan.doc

Annual Impermeable Barrier Inspection Report
119 South St. Augustine Street
Pulaski, Wisconsin

Date: _____ Weather _____

Inspected By: _____

Observations of impermeable cap
(ie., floor of the site building): _____

_____

_____

_____

_____

_____

_____

Signature: _____

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary

101 S. Webster St.
Box 7921
Madison, Wisconsin 53707-7921
Telephone 608-266-2621
FAX 608-267-3579
TTY 608-267-6897

October 24, 2002

Dennis and Karen Skalitzky
Modern Cleaners
P.O. Box 588
Pulaski, Wisconsin 54162

Subject: Groundwater Use Restriction and Soil Deed Restriction; Modern Cleaners, 119 South St. Augustine Street, Pulaski, Wisconsin BRRTS #: 02-05-240423

Dear Mr. and Mrs. Skalitzky:

Please review the enclosed groundwater use restriction and soil deed restriction for accuracy and completeness and if you approve of the content, you should sign it, or have the appropriate property owner sign it, and have it recorded at the Brown County Register of Deeds Office, and then submit a copy of the recorded document to the Department. Please be aware that if this restriction is recorded for the wrong property because of an inaccurate legal description your consultant has provided, you will be responsible for correcting the problem.

Please have your consultant submit a cap maintenance plan to the Department for approval. The cap maintenance plan is required by section 724.13(2), Wisconsin Administrative Code. Once proof of the filed restriction and an approved maintenance plan are received, this case will be tracked as being closed.

If you have any additional relevant information concerning this matter which was not formerly provided to the Department, you should submit this information to the Department for reevaluation.

If you have any questions or concerns, please contact me in Green Bay at 920-492-5861.

Yours truly,

Alan Thomas Nass, P.G., P.S.
Hydrogeologist

Enclosure

cc: Lynelle Caine, Northern Environmental, 954 Circle Drive, Green Bay, Wisconsin 54304

Final 10/24/02

Document Number	DEED RESTRICTION

Declaration of Restrictions

In Re: That Part of the Northeast One-quarter (¼) of the Northeast One-quarter (¼), Section 1, Township 25 North, Range 18 East; Being the North 23 Feet of the South 155 Feet of the East 175 Feet; Lying South of Lots 1 to 7 of Block 8 of J.J. Hoff's Plat, Village of Pulaski, Brown County, Wisconsin and as also described in Document No. 787933, Vol. 1064, Page 9, Brown County Register of Deeds Office.

Recording Area

Name and Return Address
Dennis and Karen K. Skalitzky
P.O. Box 558
Pulaski, Wisconsin 54162

Parcel Identification Number (PIN)

STATE OF WISCONSIN)
) ss
COUNTY OF BROWN)

WHEREAS, Dennis and Karen K. Skalitzky are the owners of the above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property. Petroleum-contaminated groundwater above ch. NR 140, Wis. Adm. Code enforcement standards existed on this property at the following location on the following date: at Temporary Well TW300 on August 4, 1999, benzo (a) pyrene at 2.7 micrograms per liter (ug/l) and benzo (b) fluoranthene at 0.82 ug/l, and soil contamination existed on the property at the following locations on the following dates: at Soil boring HB100 (HB100) on October 13, 1998, ethylbenzene at 8,100 micrograms per kilogram (ug/kg) and GRO at 550 milligrams per kilogram (mg/kg), at B100 on April 1, 1999, the following were above the proposed direct contact standards, benzo (a) anthracene at 120 ug/kg, benzo (b) fluoranthene at 160 ug/kg and ideno (1,2,3-cd) pyrene at 110 ug/kg, and at B300 on April 1, 1999, the following were above the proposed direct contact standards, benzo (a) anthracene at 320 ug/kg, benzo (a) pyrene at 330 ug/kg, benzo (b) fluoranthene at 500 ug/kg, benzo (k) fluoranthene at 330 ug/kg, dibenzo (a, h) anthracene at 110 ug/k, and

ideno (1,2,3-cd) pyrene at 230 ug/kg. Locations of TW300, HB100, B100 and B300 are provided on Figure 1 attached and made part of this restriction.

WHEREAS, it is the desire and intention of the property owners to impose on the property restrictions which will make it unnecessary to conduct further groundwater or soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140, Wis. Adm. Code groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809, Wis. Adm. Code is restricted by chs. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owners hereby declare 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 limitation and restrictions:

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 it 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 requirements 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.

The following activities are prohibited on that portion of the property described above where a cap or cover has been placed, as identified on Figure 1, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources or its successor or assign: (1) Excavating or grading of the land surface; (2) Filling on the capped area; (3) Plowing for agricultural cultivation; and (4) Construction or installation of a building or other structure with a foundation that would sit on or be placed within the cap or cover. In addition, the cap or cover shall be maintained in compliance with a plan prepared and submitted to the Wisconsin Department of Natural Resources by a responsible party, as required by section NR 724.13(2), Wis. Adm. Code (1999).

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 _____ day of _____, 20____.

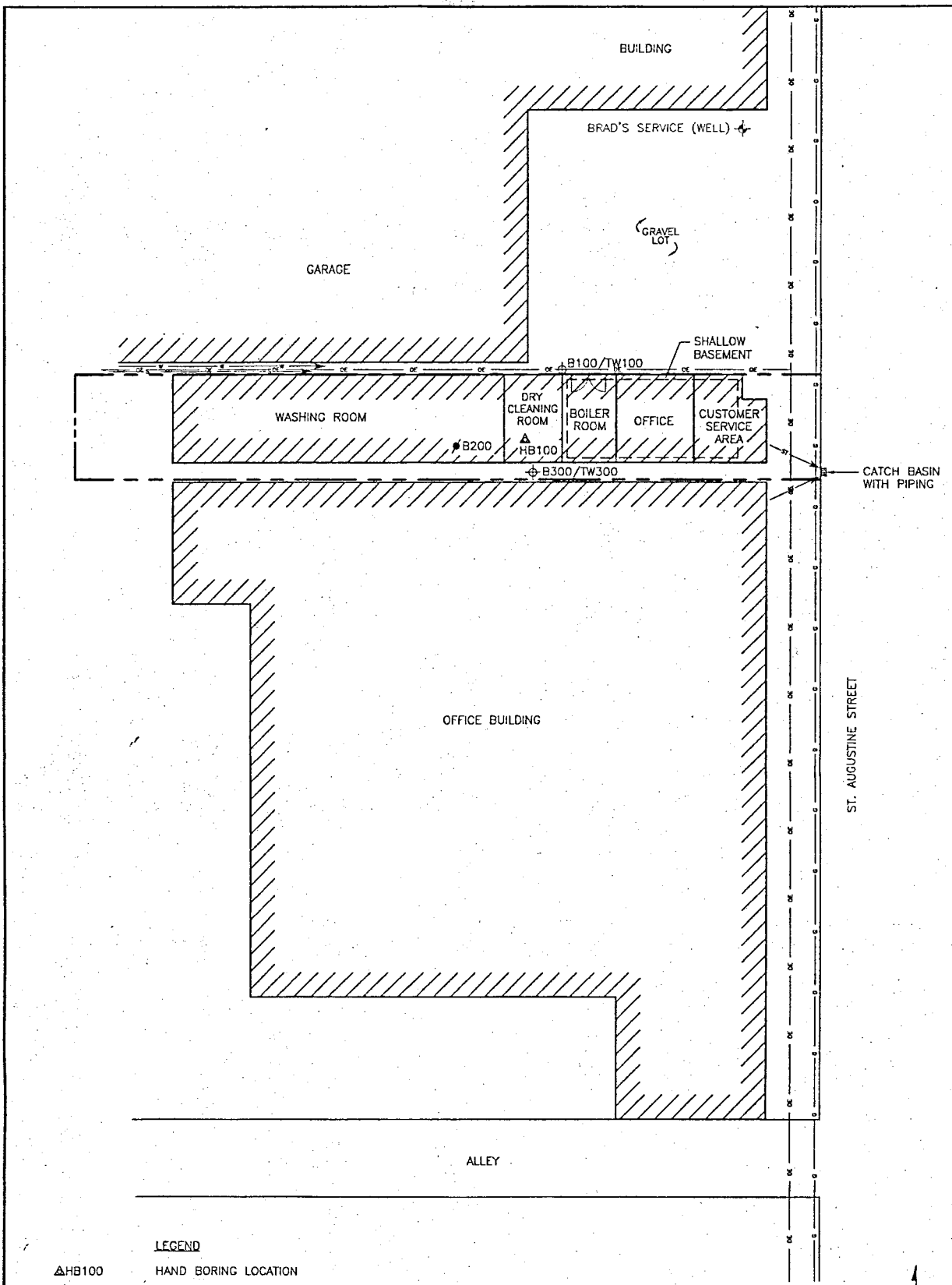
Signature: _____
Printed Name: Dennis Skalitzky

Signature: _____
Printed Name: Karen K. Skalitzky

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 Natural Resources based on information provided by Northern Environmental.



S:\PROJ\MCS\040708\59\042999-2.DWG

DRAWN BY: SXM	PROJECT: MCS-0856	DATE: 4/29/99
REV. DATE 5/7/99 7/1/99	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.	FIGURE 1 SOIL BORING AND TEMPORARY WELL LOCATIONS MODERN CLEANERS PULASKI, WISCONSIN
	Northern Environmental℠ Hydrologists · Engineers · Geologists	FOR: MODERN CLEANERS

CORRESPONDENCE/MEMORANDUM

State of Wisconsin

DATE: October 21, 2002 FILE REF:

TO: Al Nass, RR/NER-Green Bay

FROM: Joe Renville, CO - LS/5

SUBJECT: Draft Deed Restriction – Dennis and Karen K. Skalitzky Property, (Modern Cleaners Site), City of Pulaski, Brown County, Wisconsin

I've reviewed the draft deed restriction for the Dennis and Karen K. Skalitzky Property, (Modern Cleaners Site) located in the City of Pulaski, Brown County, Wisconsin and have the following comments.

The legal description should be revised to read as follows:

> "That Part of the Northeast **One-quarter** (¼) of the Northeast **One-quarter** (¼), Section 1, Township 25 North, Range 18 East; Being the North 23 Feet of the South 155 Feet of the East 175 Feet; Lying South of Lots 1 to 7 of Block 8 of J.J. Hoff's Plat, Village of Pulaski, Brown County, Wisconsin **and as also described in Document No. 787933, Vol. 1064, Page 9, Brown County Register of Deeds Office.**"

The owners of the property should be described as follows:

> "WHEREAS, Dennis and Karen **K.** Skalitzky are the owners of the above-described property."

In the second paragraph, when the temporary well is referred to, it should be identified as follows:

> "**Temporary Well** TW300 on..."

In the same paragraph the first reference to soil borings should be made as follows:

> "at **Soil boring HB100** (HB100) on October ..."

In the third indented paragraph, when referring to the cap or cover, reference should also be made to what portion of the property is capped as identified on Figure 1, as follows:

> "The following activities are prohibited on that portion of the property described above where a cap or cover has been placed, **as identifed on Figure 1,** unless prior written approval has been obtained from the Wisconsin..."

Brown County

TREASURERS OFFICE
305 E. WALNUT ST. P.O. BOX 23600
PHONE (920) 448-4074
GREEN BAY, WI 54305-3600
KERRY M. BLANEY
COUNTY TREASURER

TAX CERTIFICATION

10/14/2002

Parcel Number: VP-4
Current Owner: DENNIS SKALITZKY
Location: 119 S ST AUGUSTINE ST

CURRENT VALUES-LAND	6,000	TOTAL VALUE	34,800	OUTSTANDING GENERAL TAX	OUTSTANDING SPECIAL ASSESSMENTS	OUTSTANDING INTEREST& PENALTY	OUTSTANDING CHARGES	YEAR TOTAL
-IMPRVMT	28,800	EST FAIR MRKT	38,700					
PAYOFF FIGURE FOR THE MONTH OF OCTOBER 2002				2001 .00	.00	.00	.00	.00
2001 NET TAX 945.80								

---------- **CURRENT LEGAL DESCRIPTION** ----------

GRAND TOTAL **.00**

.09 A
NE1/4 SEC. 1 T25N R18E
175' LYG. S OF LOTS 1 TO 7
PLAT
THAT PRT. NE FRAC. 1/4
BEING N 23'OF S 155' OF E
INC. BLK.8 J.J. HOFF'S

2001	GENERAL TAX AMOUNT	945.80	LAST PAYMENT DATE
2001	SPECIAL TAX AMOUNT	.00	12/19/2001

According to the records maintained in the office of the Brown County Treasurer, there appears no outstanding taxes and/or special assessments as of 10/14/2002 for this parcel.

SIGNED:_____

DOCUMENT NO.

787933

WARRANTY DEED
STATE OF WISCONSIN—FORM 9
THIS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE, Brown Co., Wis.
Received for record the 27th day of March A. D. 1974 at 8:01 o'clock A. M. and recorded in Vol. 1064 of Records on page 9
Harold P. Luck Register of Deeds

RETURN TO
PULASKI STATE BANK
PULASKI, WIS.

THIS INDENTURE, Made by Anastasia Pfeifer Tilkens and Ralph Tilkens, her husband

grantors of Brown County, Wisconsin, hereby, conveys and warrants to Dennis Skalitzky and Karen K. Skalitzky, his wife,

grantees of Brown County, Wisconsin, for the sum of One dollar and other valuable consideration

the following tract of land in Brown County, State of Wisconsin:

Commencing at the Southwest corner of Lot 7, Block 8, J. J. Hof Plat to the Village of Pulaski, thence South 23.58 feet, thence East 175 feet; thence North 23.58 feet to the Southeast corner of Lot 1, Block 8, J. J. Hof Plat, thence West 175 feet to the place of beginning.

TRANSFER
$ 15.00
FEE

IN WITNESS WHEREOF, the said grantors have hereunto set their hands and seals this 22nd day of March, A. D., 1974.

SIGNED AND SEALED IN PRESENCE OF

B. J. Lontkowski

C. Peplinski

Anastasia Pfeifer Tilkens (SEAL)
Anastasia Pfeifer Tilkens

Ralph Tilkens (SEAL)
Ralph Tilkens

(SEAL)

(SEAL)

STATE OF WISCONSIN, } ss.
Brown County.

Personally came before me, this 22nd day of March, A. D., 1974, the above named Anastasia Pfeifer Tilkens and Ralph Tilkens, her husband,

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

NOTARY SEAL

B. J. Lontkowski
Notary Public Brwon County, Wis.
My Commission (Expires) (Is) March 30, 1975

This instrument drafted by
B. J. Lontkowski

VOL 1064 PAGE 9

(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary).

WARRANTY DEED—STATE OF WISCONSIN, FORM NO 9

LETTER OF TRANSMITTAL

Northern Environmental℠
Hydrologists • Engineers • Geologists

954 Circle Drive
Green Bay, Wisconsin 54304

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

DATE 2/19/02	PROJECT NO. MCS03-0407-0856
ATTENTION Al Nass	
RE Well Abandonment Forms	
Modern Cleaners	
Pulaski, WI	
BRRTS #02-05-210423	

TO: WDNR
1125 N. Military Ave.
P.O. Box 10448
Green Bay, WI

WE ARE SENDING YOU

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

COPIES	DESCRIPTION
2	Well Abandonment Forms

THESE ARE TRANSMITTED (see code)

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

REMARKS: Attached please find the well abandonment forms for Modern Cleaners in Pulaski, WI. Final closure of the site is still pending recording of the deed restriction. This restriction was submitted in draft form to the WDNR for review on 12/18/01. Upon receipt of the WDNR's comments, the restriction will be recorded. Feel free to call w/ any questions. Thank You,

COPY TO: Karen Skalitzky

SIGNED:

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B
Rev. 12-91

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Shawano

NW 1/4 of NW 1/4 of Sec. 6 ; T. 25 N; R. 19 ■ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Pulaski

Street Address of Well: 119 South St. Augustine Street

City, Village: Pulaski, WI

(2) FACILITY NAME

Original Well Owner (If Known): Modern Cleaners

Present Well Owner: Same

Street or Route: P.O. Box 558

City, State, Zip Code: Pulaski, WI 54162

Facility Well No. and/or Name (If Applicable): TW100

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Site Closure

Date of Abandonment: 12-18-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 04-01-99

■ Monitoring Well
☐ Water Well
☐ Drillhole
☐ Borehole

Construction Report Available? ■ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) Geoprobe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 12 Casing Diameter (ins.) 1
(From groundsurface)

Casing Depth (ft.) 12

Was Well Annular Space Grouted? ■ Yes ☐ No ☐ Unknown
If Yes, To What Depth? 1 Feet

(4) Depth to Water (Feet) 5.5

Pump & Piping Removed?	☐ Yes	☐ No	■ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	■ Not Applicable
Screen Removed?	☐ Yes	■ No	☐ Not Applicable
Casing Left in Place?	■ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	■ Yes	☐ No
Did Sealing Material Rise to Surface?	■ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	■ No
If Yes, Was Hole Retopped?	☐ Yes	■ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Concrete	Surface	0.5	¼ bag	—
Benseal	0.5	12	⅓ bag	—

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
Kevin Eibenholz

Signature of Person Doing Work: Kevin Eibenholz
Date Signed: 2-8-02

Street or Route: 954 Circle Drive
Telephone Number: (920) 592-8400

City, State, Zip Code: Green Bay, WI 54304

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5B Rev. 12-91

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location — County: Shawano

NW 1/4 of NW 1/4 of Sec. 6 ; T. 25 N; R. 19 ■ E ☐ W

(If applicable) ______ Gov't Lot ______ Grid Number

Grid Location ______ ft. ☐ N. ☐ S., ______ ft. ☐ E. ☐ W.

Civil Town Name: Pulaski

Street Address of Well: 119 South Augustine Street

City, Village: Pulaski, WI

(2) FACILITY NAME

Original Well Owner (If Known): Modern Cleaners

Present Well Owner: Same

Street or Route: P.O. Box 558

City, State, Zip Code: Pulaski, WI 54162

Facility Well No. and/or Name (If Applicable): TW300 — WI Unique Well No. _ _ _ _ _

Reason For Abandonment: Site Closure

Date of Abandonment:

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 04-01-99

☒ Monitoring Well
☐ Water Well
☐ Drillhole
☐ Borehole

Construction Report Available? ■ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) Hand Auger

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 6 (From groundsurface) Casing Diameter (ins.) ____

Casing Depth (ft.) 6

Was Well Annular Space Grouted? ■ Yes ☐ No ☐ Unknown
If Yes, To What Depth? 1 Feet

(4) Depth to Water (Feet) 4

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ☐ Not Applicable
Casing Left in Place? ☐ Yes ☒ No
If No, Explain ______

Was Casing Cut Off Below Surface? ☐ Yes ☒ No
Did Sealing Material Rise to Surface? ☐ Yes ☒ No
Did Material Settle After 24 Hours? ☐ Yes ☒ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7)

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Benseal	Surface	6	1/4 bag	–

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: Dennis Skalitzky

Signature of Person Doing Work: [signature] — Date Signed: 2-15-02

Street or Route: 419 Johnson St — Telephone Number: (920) 822-3957

City, State, Zip Code: Pulaski, WI 54162

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected — District/County

Reviewer/Inspector — ☐ Complying Work ☐ Noncomplying Work

Follow-up Necessary

Received

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 12/18/01	PROJECT NO. WMCS03-0407-08 S4
ATTENTION Al Nass	
RE GW Use Restriction	
Modern Cleaners	
Pulaski, WI	
BRRTS #02-05-210423	

TO: WDNR
1125 N. Military Ave
P.O. Box 10448
Green Bay, WI

WE ARE SENDING YOU

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

COPIES	DESCRIPTION
1	Draft Deed Notice + Ground Water Use Restriction
1	Legal Description of Property

THESE ARE TRANSMITTED (see code)

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

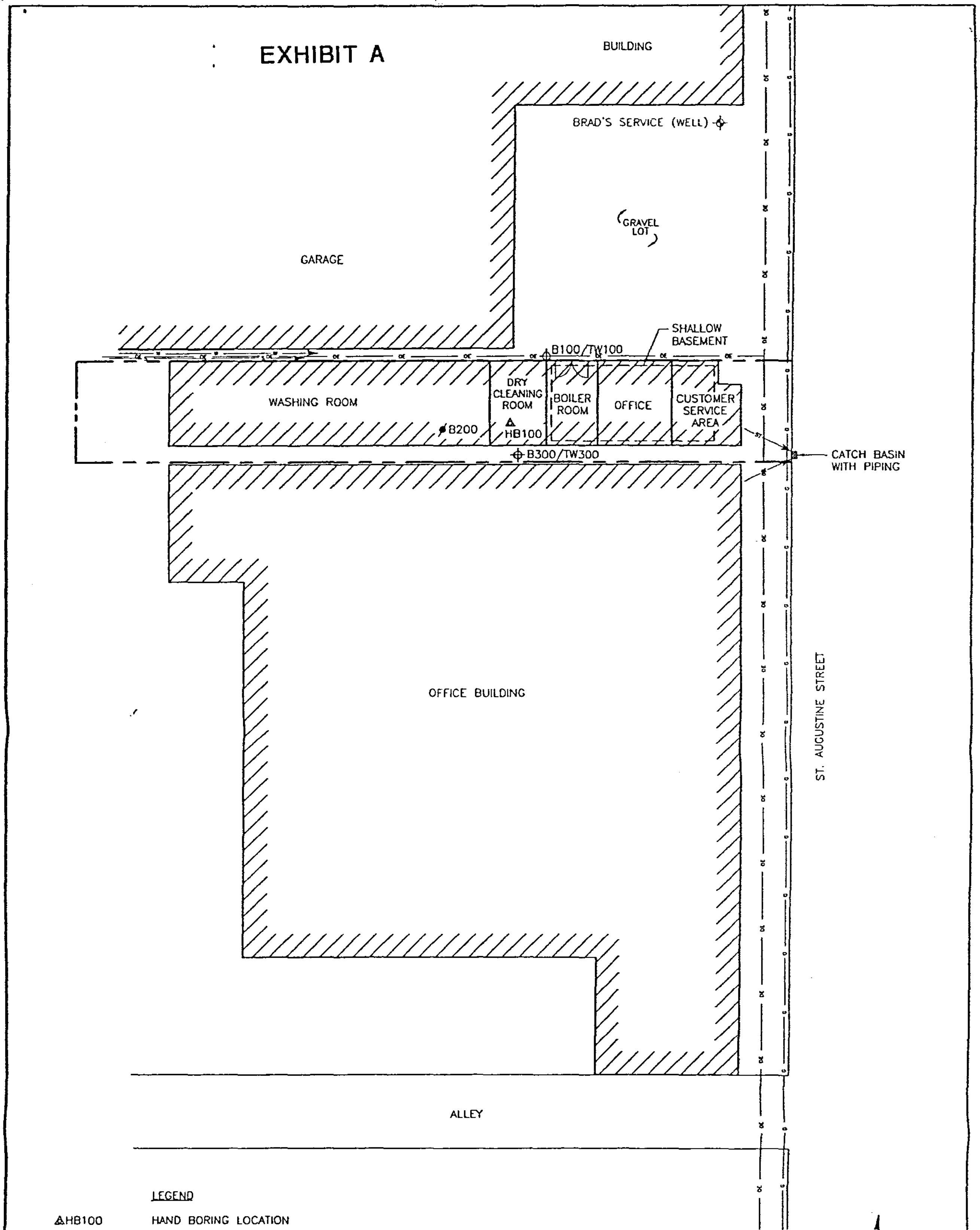
REMARKS: Per the case closure letter, the Skalitzky's have decided to file a deed notice + ground water use restriction for their site. A draft copy is attached for WDNR's review + approval prior to filing. If you need any additional information regarding the deed notice, please feel free to call.

Thanks,

COPY TO: Karen Skalitzky

SIGNED:

EXHIBIT A



LEGEND

HB100	HAND BORING LOCATION
B200	SOIL BORING LOCATION
B100/TW100	SOIL BORING AND TEMPORARY WELL LOCATION
	PROPERTY LINE
	NATURAL GAS LINE
	OVERHEAD ELECTRIC LINE
	SANITARY SEWER LINE
	STORM SEWER LINE
	WATER LINE

NOT TO SCALE

DRAWN BY: SXM	PROJECT: MCS-0856	DATE: 4/29/99	FIGURE 1 SOIL BORING AND TEMPORARY WELL LOCATIONS MODERN CLEANERS PULASKI, WISCONSIN
REV. DATE 5/7/99 7/1/99	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℠ Hydrologists · Engineers · Geologists		FOR: MODERN CLEANERS

S:\PROJ\MCS\04070856\04299-2.DWG

Document Number	DEED NOTICE AND GROUNDWATER USE RESTRICTION

In re: Part of the northeast quarter of the northeast quarter of Section No. one (1) in the township No. twenty-five (25) north, of range No. eighteen (18) east, described as: commencing at the southwest corner of lot seven (7) block eight (8) of the Village of Pulaski, formerly in Shawano County, now in Brown County, thence south one hundred fifty-five and fifty eight (1 55.58) feet; thence east forty three (43) feet; thence north one hundred thirty-two (132) feet; thence east one hundred thirty-two (132) feet; thence north to southeast corner of lot one (1) block eight (8) Village of Pulaski, thence west to beginning; except that part sold to Prokopovitz Bros. Described in Vol. 150 Deeds on Page 295 of Brown County records as follows: Commencing at the southwest corner of Lot seven (7) block eight (8) J. J. Hof Plat of Pulaski; thence south twenty-three (23) feet; this is the place of beginning; thence south one hundred thirty-two (132) feet; thence east forty-three (43) feet; thence north one hundred thirty-two (132) feet; thence west forty-three (43) feet to beginning, excepting and reserving for herself and her heirs, the right of way through the above land to premises situated one hundred thirty-two (132) feet north from south line of above conveyance.

Recording Area

Name and Return Address
Karen Skalitzky
P. O. Box 558
Pulaski, Wisconsin 54162

Parcel Identification Number (PIN)

Declaration of Restrictions

STATE OF WISCONSIN)
) ss
COUNTY OF BROWN)

WHEREAS, the Dennis and Karen Skalitzky are the owners of the above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property. Petroleum-contaminated soils existed on this property, as shown in Exhibit A, at the following location and levels on October 13 1998: Soil Sample S103, gasoline range organics at 550 milligrams per kilogram (mg/kg) and ethylbenzene at 8100 µg/kg. Petroleum-contaminated groundwater above ch. NR 140 Wis. Adm. Code enforcement standards existed at monitoring well TW300 on August 4, 1999: Benzo(a)pyrene concentrations of 2.7 ug/L and benzo(b)fluoranthene of 0.82 ug/L, as shown in Exhibit A, hereby attached to and made part of this document.

WHEREAS, NOTICE IS GIVEN that if the above-described contaminated soil is excavated in the future, it will have to be sampled, analyzed, and disposed of in accordance with applicable statutes and rules, and may be considered a solid or hazardous waste.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further groundwater or soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by ch. NR 811 and ch. NR 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, 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 limitation and restrictions:

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 prohibitions or requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

If construction is proposed on this property that will require dewatering, or if ground water is to be otherwise extracted from this property, while this ground water 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 and 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 the restrictions set forth in this covenant are no longer required. Upon 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, with 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 owners of the property have executed this Declaration of Restrictions, this _____ day of _____, 2002.

Signature: _____ Signature: _____

Printed Name: Dennis Skalitzky Printed Name: Karen Skalitzky

Subscribed and sworn to before me
this _____ day of _____, 2002.

_____

Notary Public, State of _____

My commission _____

This document was drafted by Northern Environmental based on Documents from the Wisconsin Department of Natural Resources.

29-521-522

No. 17,368. No. 1.

ABSTRACT OF TITLE

TO

The following Lands in Shawano County, Wisconsin

Compiled by Shawano Abstract Co., Shawano, Wisconsin

SHAWANO COUNTY ORGANIZED

By Chapter 9, Laws of 1853, Shawanaw County organized, comprising the following Townships; Township 25, Ranges 15, 16, 17 and 18, Townships 26 and 27, Ranges 12, 13, 14, 15, 16, 17, and 18. Townships 28 and 29, Ranges 12, 13, and 14. By act of Legislature, approved February 27, 1854, Townships 28, 29 and 30, Range 15 were attached to Shawanaw County for County purposes. By the Revised Statutes of Wisconsin for the year 1858, the boundaries of Shawanaw County were revised and comprise the following territory: Township 25, Ranges 15, 16, 17 and 18, Townships 26 and 27, Ranges 10, 11, 12, 13, 14, 15, 16, 17 and 18, Townships 28 and 29, Ranges 10, 11, 12, 13, 14, and 15. By Chapter 119, Laws of 1860, Townships 26 and 27, Range 11 and Township 30, Range 15 were attached to Shawanaw County. By Chapter 120, Laws of 1860, Townships 26, 27, 28 and 29, Range 10 were detached from Shawanaw County and were made part of Marathon County. By Chapter 411, Laws of 1864, the spelling of the name of the County was changed from Shawanaw to Shawano. By Chapter 114, Laws of 1879, Township 30, Ranges 11, 12, 13, and 14 were detached from Oconto County and added to Shawano County. By Chapter 7, Laws of 1881, Township 30, Ranges 11 and 12 were detached from Shawano County and were made part of Langlade County. By Act of Legislature, Township 25, Range 15, was detached from Shawano County and added to Waupaca County, Township 28, Range 15, and Townships 29 and 30, Ranges 13, 14 and 15 being part of the Menominee Indian Reservation. By Chapter 702 Laws of 1919 the NE¼ of Section 1, Township 25, Range 18 and SE¼ of Section 36, Township 26, Range 18, were detached from Shawano County.

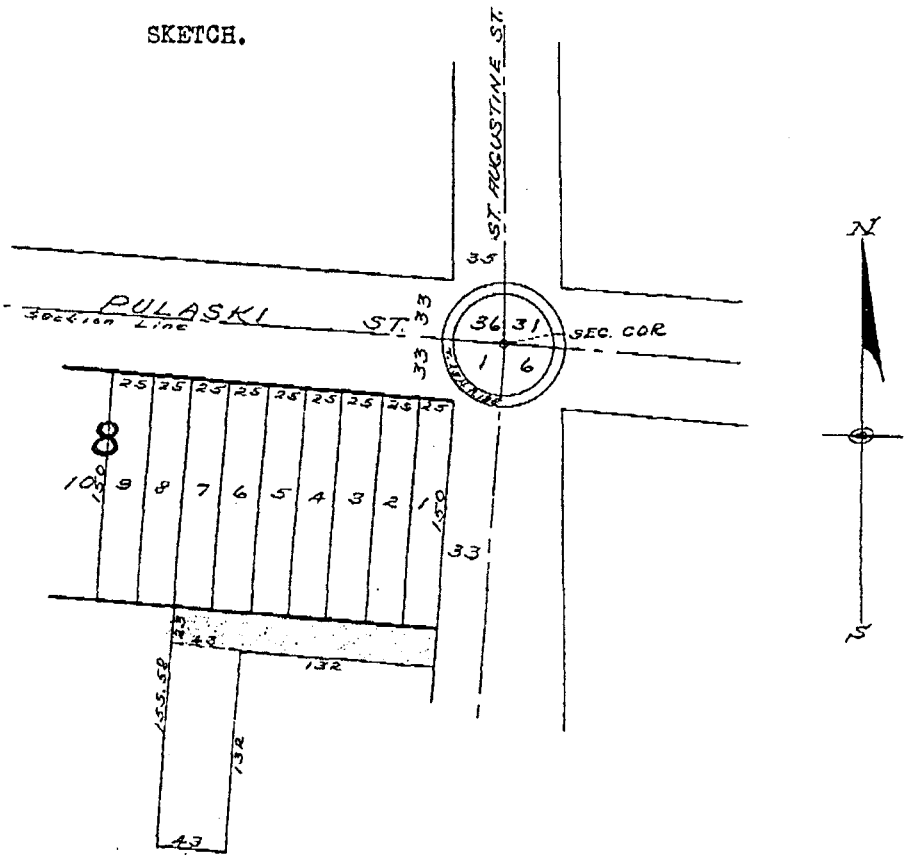
PART OF THE NORTHEAST QUARTER (NE¼) OF THE NORTHEAST QUARTER (NE¼) OF SECTION NO. ONE (1) IN TOWNSHIP NO. TWENTY-FIVE (25) NORTH, OF RANGE NO. EIGHTEEN (18) EAST, DESCRIBED AS: COMMENCING AT THE SOUTHWEST CORNER OF LOT SEVEN (7) BLOCK EIGHT (8) OF THE VILLAGE OF PULASKI, FORMERLY IN SHAWANO COUNTY, NOW IN BROWN COUNTY, THENCE SOUTH ONE HUNDRED FIFTY-FIVE AND FIFTY-EIGHT (155.58) FEET; THENCE EAST FORTY-THREE (43) FEET; THENCE NORTH ONE HUNDRED THIRTY-TWO (132) FEET; THENCE EAST ONE HUNDRED THIRTY-TWO (132) FEET; THENCE NORTH TO SOUTHEAST CORNER OF LOT ONE (1) BLOCK EIGHT (8) VILLAGE OF PULASKI, THENCE WEST TO BEGINNING; EXCEPT THAT PART SOLD TO PROKOPOVITZ BROS. DESCRIBED IN VOL. 150 DEEDS ON PAGE 295 OF BROWN COUNTY RECORDS AS FOLLOWS: COMMENCING AT THE SOUTHWEST

No. 1.
(Continued)

CORNER OF LOT SEVEN (7) BLOCK EIGHT (8) J. J. HOF PLAT OF PULASKI; THENCE SOUTH TWENTY-THREE (23) FEET; THIS IS THE PLACE OF BEGINNING; THENCE SOUTH ONE HUNDRED THIRTY-TWO (132) FEET; THENCE EAST FORTY-THREE (43) FEET; THENCE NORTH ONE HUNDRED THIRTY-TWO (132) FEET; THENCE WEST FORTY-THREE (43) FEET TO BEGINNING, EXCEPTING AND RESERVING FOR HERSELF AND HER HEIRS, THE RIGHT OF WAY THROUGH THE ABOVE LAND TO PREMISES SITUATED ONE HUNDRED THIRTY-TWO (132) FEET NORTH FROM SOUTH LINE OF ABOVE CONVEYANCE.

No. 2.

SKETCH.



WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
1125 N. Military Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5800
FAX 920-492-5913
TTY 920-492-5912

December 10, 2001

Ms. Karen Skalitzky
Modern Cleaners
PO Box 558
Pulaski, WI 54162

SUBJECT: Closure condition for Modern Cleaners; 119 S St. Augustine Street; Green Bay, Wisconsin
WDNR BRRTS ID #: 02-05-240423

Dear Ms. Skalitzky:

The purpose of this letter is twofold:

1. To notify you of a change to NR 726 Wisconsin Administrative Code that impacts the requirements for closure of cases such as yours, where the Department has approved closure pending your filing a Groundwater Use Restriction at the County Register of Deeds office.

2. To outline your options for receiving final closure of the above referenced groundwater contamination case.

Changes to Closure Requirements

As of November 1, 2001, a change in the Wisconsin Administrative Code removed the requirement that a property owner file a Groundwater Use Restriction with the property deed for cases with remaining groundwater contamination. Instead, the Department will now be placing information (maps, laboratory sample data, etc.) regarding the investigation and cleanup of such properties on the Department's Registry of Closed Remediation Sites Internet Webpage which can be viewed at *http://gomapout.dnr.state.wi.us/ org/at/et/geo/gwur/mapApp.http.*

This change also impacts cases where groundwater contamination from a source property is impacting off-site properties. Please contact your project manager referenced below for additional details.

Property Owner Options

On November 21, 2001, the Department notified you that the above referenced case had been approved for closure pending the filing of a Groundwater Use Restriction. Since that time, the Department has not received proof that the restriction has been filed. Because you were

approved for conditional closure prior to November 1, 2001, you now have two options for receiving final closure:

1. You may pay a $250.00 fee and the Department will place documents from the case file on the Registry of Closed Remediation Sites Internet Webpage. If you choose this option, you will not be required to file documents with your deed at the Register of Deeds office.

OR

2. You may file a Groundwater Use Restriction with your property deed at the Brown County Register of Deeds. The Department will then place documents from the case file on the Registry of Closed Remediation Sites Internet Webpage. You will not be charged the $250.00 fee.

Please note that, whichever option you choose, you are still required to comply with any other conditions of closure (monitoring well abandonment forms, soil disposal documents, etc.) outlined in the Department's letter sent to you at the time of conditional closure approval.

Within 14 days of receipt of this notice, please inform the Department of which option you intend to pursue.

The Department appreciates your efforts to restore the environment at this site. If you have any questions about this letter, please contact your project manager, Alan Nass, in Green Bay at 920/492-5861.

Thank you.

Sincerely,

Carrie Rackey
Program Assistant
Bureau for Remediation and Redevelopment

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
1125 N. Military Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5800
FAX 920-492-5913
TTY 920-492-5912

November 21, 2001

Ms. Karen Skalitzky
Modern Cleaners
P.O. Box 558
Pulaski, Wisconsin 54162

Subject: Conditional Case Closure , Modern Cleaners, 119 South St. Augustine Street, Pulaski, Wisconsin BRRTS #: 02-05-210423

Dear Ms. Skalitzky:

The Bureau for Remediation and Redevelopment's Northeast Region Closure Committee has reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of such cases. The committee has determined that the petroleum contamination on the above site, from the former dry cleaning operation, appears to have been investigated and remediated to the extent practicable under current site conditions. Your case will be closed under s. NR 726.05, Wis. Adm. Code, providing the following conditions are satisfied:

A soil and groundwater use deed restriction must be filed with the deed for this property. This soil and groundwater use deed restriction will state that inaccessible soil and groundwater contamination may remain at this site and that additional remedial action is not feasible at this time. The document would be placed in the file with the deed running with the property.

The purpose of the soil deed restriction is to notify all future owners that excavation of the contaminated soil may pose an inhalation or other direct contact hazard at the time of excavation and to maintain a surface barrier over the remaining soil contamination to prevent it from impacting human health and the environment. Residual soil contamination remains at B100, HB100 and B300 as indicated in the information submitted to the Department. If soil in these locations is excavated in the future, the property owner at that time will be required to sample and analyze the excavated soil in order to determine whether the contamination still remains. The owner will also have to properly store, treat, or dispose of any excavated materials, based upon the results of that characterization, and take special precautions during excavation activities to prevent a direct contact threat to humans. The document would also require the maintenance of the existing impermeable cap (concrete, asphalt or building).

The purpose of the groundwater use restriction is to inform the property owner that any well placed on this property will have special construction requirements approved by the Department. Also, that approval will be needed in the event this property is dewatered (i.e. during construction).

Only when the soil and groundwater use deed restriction has been finalized and filed with Brown County and proof of filing such restriction has been received by the Department, can this site be closed. To complete the deed notification, the Department requires that you submit the following:

- a complete (unabbreviated) legal description of the property (this may be obtained from the Brown County Register of Deeds)
- a certified copy of the deed (this may be obtained from the Brown County Register of Deeds)
- available maps, such as a certified survey map, which help identify and locate the property, as well as a map identifying the location of the remaining contamination

After these items are received and reviewed, the Department will send you a draft copy of the deed restriction containing language regarding the remaining petroleum contamination. If it is acceptable, you are to sign it and return a signed copy with proof of filing for our records. At that time, the site may be closed. Please be aware that if a deed restriction is recorded for the wrong property because of an inaccurate legal description that you have provided, you will be responsible for recording corrected documents at the Register of Deeds Office to correct the problem.

This soil and groundwater use deed restriction is an option that the Department can offer in order to conditionally close this site. If you choose not to accept this option you will need to perform additional investigation and cleanup of the remaining contamination. Within 14 days of receipt of this notice please submit a letter to the Department documenting your intentions.

As an alternative to the placement of a groundwater use restriction (for the remaining groundwater contamination) on the property deed, you have the option of requesting that the site be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Please note – with this option, you still would be required to have a restriction placed on the property deed for the remaining soil contamination. If you **choose** this option over the filing of a groundwater use restriction with the deed, you will need to pay a fee of $250. However, if you **choose** to go with the groundwater use restriction with the deed, your site will automatically be placed on the GIS Registry at no cost to you. Confused? Please note the following.

Case closure requests that were received prior to November 1, 2001, that were conditionally closed because groundwater contamination remained above standards and where a groundwater use restriction has not yet been filed with the deed, have two options. One option is to have a groundwater use restriction filed with the property deed and have the Department automatically place the site on the GIS Registry at no cost to the property owner. The second option is to have the site listed on the GIS Registry at a cost of $250 to the property owner, and have no groundwater use restriction placed on the property deed. Case closure requests received on or after November 1, 2001, that were conditionally closed because groundwater contamination remains above standards, will be required to pay the $250 fee for the placement

of the site on the GIS registry. In this latter situation, a groundwater use restriction is no longer an option of conditional closure. However, to have a complete data source, the Department is including all filed groundwater use restrictions onto the GIS Registry at no cost to the property owner. Because closure of this case will still require a soil deed restriction, the additional placement of a groundwater use restriction on the deed is of little consequence. Your site will still be placed on the GIS registry and at no cost to yourself. It is recommended that you save the $250 GIS Registry fee and go with the groundwater use restriction on your deed.

The **monitoring wells at the site must be properly abandoned** in compliance with ch. NR 141, Wis. Adm.. Documentation of well abandonment must be submitted to Alan Nass on Form 3300-5B found at www.dnr.state.wi.us/org/water/dgw/gw/ or provided by the Department of Natural Resources.

When the above conditions have been satisfied, please submit a letter to let me know that applicable conditions have been met, and your case will be closed. Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

If you have any additional relevant information concerning this matter which was not formerly provided to the Department, you should submit this information to the Department for reevaluation. We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 920-492-5861.

Yours truly,

Alan Thomas Nass, P.G., P.S.
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Ed Hoefferle, Northern Environmental Technologies, Inc., 954 Circle Drive, Green Bay, Wisconsin 54304

Nass, Alan T

From: Soellner, Jeffrey K
Sent: Thursday, August 09, 2001 3:11 PM
To: Nass, Alan T
Subject: potential claim form for the Modern Cleaner folks

Hi Alan,
Just after I hung up the phone with you I thought about one more thing to add. Please encourage the folks at Modern Cleaners to fill out a potential claim form and get it back to you, so we can start to get an idea of who all is going to be applying and so we can do an early DOR (Revenue) check to give them an early thumbs up for eligibility. You'll find the form at the website. Jeff

DRY CLEANER
/IRONMENTAL RESPONSE PRC

http://www.dnr.state.wi.us/org/aw/rr/archives/pubs/4400-210.pdf

Northern Environmental℠
Hydrologists • Engineers • Geologists

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

July 13, 2001
(MCS03-0407-0856)

Mr. Alan Nass
Wisconsin Department of Natural Resources
1125 North Military Avenue
Post Office Box 10448
Green Bay, Wisconsin 54307

RE: Case Closure Request for Modern Cleaners, 119 South St. Augustine Street, Pulaski, Wisconsin, WDNR BRRTS #02-05-210424

Dear Mr. Nass:

Northern Environmental Technologies, Incorporated (Northern Environmental) is resubmitting a case closure request for the Modern Cleaners, 119 South St. Augustine Street, Pulaski, Wisconsin (the Site). On September 30, 1999, Northern Environmental submitted a request for case closure to the Wisconsin Department of Natural Resources (WDNR) for the Site. Based upon the letter dated November 8, 1999, case closure was denied and the WDNR requested additional ground-water monitoring at the Site to evaluate polynuclear aromatic hydrocarbon (PAH) trends in the ground water.

Background Information

The Site was formerly operated as a dry cleaner. Mineral spirits was the only dry cleaning compound believed to be used as part of the dry cleaning operations at the Site. A heating oil aboveground storage tank (AST) was also located south of the site building near the dry cleaning room. Soil contamination, typical of mineral spirits and/or fuel oil, was identified at the Site during October 1998 as part of a Phase II Environmental Site Assessment (ESA) completed by Northern Environmental. Based on the results of the Phase II ESA, a release was reported to the WDNR.

Between April and July 1999, Northern Environmental completed a site investigation at the property. Results of the site investigation indicated that a limited volume of soil (less then 15 cubic yards) exists at concentrations above WDNR generic residual contaminant levels (RCLs) beneath the Site building. As part of the site investigation, two temporary wells were installed to evaluate whether or not ground water was impacted. Concentrations of benzo(a)pyrene and benzo(b)fluoranthene were detected in one well (TW300) at concentrations above the NR140 enforcement standards (ES). Petroleum constituents were not detected above the NR140 preventive action limit (PAL) or ES in TW100. Ground water was encountered in the monitoring wells at approximately 3 to 6 feet below grade. Based on data collected from a neighboring site (Brad's Service Station), ground-water flow appears to be to the east-northeast. Two rounds of ground-water samples were collected from TW300 indicating that contaminant concentrations were relatively stable. Based on the site investigation results, a case closure request was submitted to the WDNR. A site figure is attached.

Ground-Water Sampling Results and Recommendation for Case Closure

Per the case closure denial, Northern Environmental attempted to collect additional ground-water samples from TW300. However, between November 1999 and April 2001, there was no measurable amount of water in TW300. Northern Environmental personnel also attempted to push the well screen deeper to allow for the drop in the water table, however, we were unsuccessful. In addition, we were unable to replace the well using other conventional methods such as a drill rig or a Geoprobe given the limited space between the site buildings. Per our conversations with the WDNR, a water sample instead was collected from the downgradient sampling point, TW100, to evaluate contaminant concentrations trends and potential plume migration.

On April 30, 2001, a ground-water sample was collected from TW100 and submitted for laboratory analysis for PAHs. Laboratory analysis detected concentrations of benzo(a)pyrene and benzo(b)fluoranthene in TW100 above the NR140 preventive action limits (PAL) for these compounds. These compounds were not detected in TW100 during the initial sampling event, however, the initial laboratory detection limits were higher then the levels detected as part of the April 2001 sampling event. As a result, we believe the contaminant concentrations are relatively stable and there does not appear to be any significant increase of petroleum constituents in the ground water. Results of laboratory analysis are summarized in Table 1. Laboratory analytical reports are attached.

Given that the sources (dry cleaning facility and the AST) of the PAHs compounds have been removed, we believe that the remaining PAH concentrations in the water will continue to decrease over time via natural attenuation. The Site is located within a commercial area and the property owner is willing to record a soil deed notice and ground-water use restriction on the property. As a result, given the low levels of PAHs detected in the ground water, we do not believe the concentrations detected justify additional ground-water monitoring.

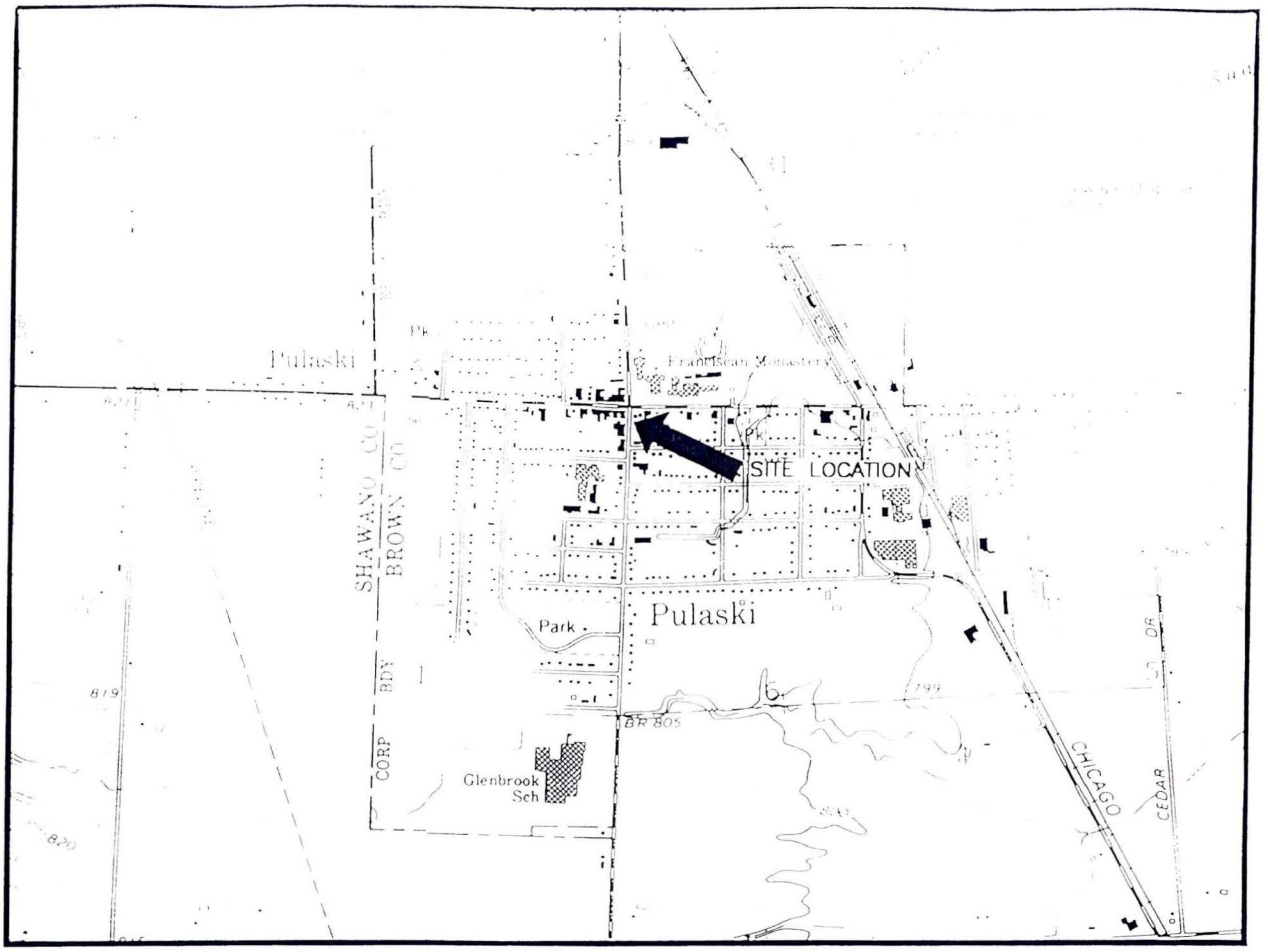
Northern Environmental trusts the above information adequately addresses the concern listed in the case closure denial letter. **On behalf of Karen Skalitski, we are requesting that the Site be considered again for closure in accordance with ch. NR 726, Wisconsin Administrative Code.** Please call us 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/amk
Attachments
c: Karen Skalitzky



SCALE IN FEET

1" = 2000'

0 1000 2000 3000 4000 5000 6000 7000 8000

N

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

QUADRANGLE LOCATION

BASE MAP SOURCE: USGS ZACHOW, WISCONSIN 7.5 MINUTE QUADRANGLE (REVISED 1974)
BASE MAP SOURCE: USGS PULASKI, WISCONSIN 7.5 MINUTE QUADRANGLE (REVISED 1974)

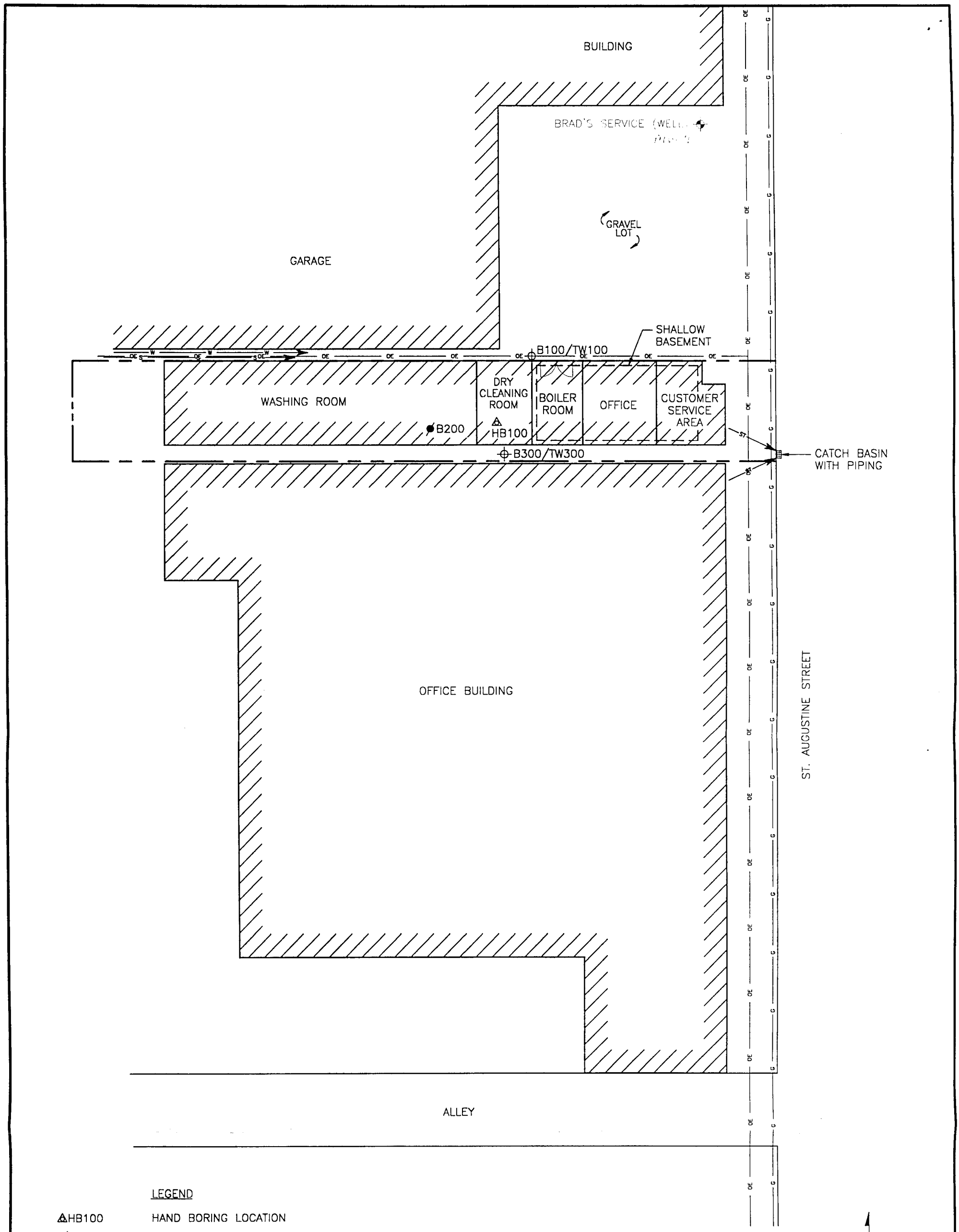
DRAWN BY: SXM	PROJECT: MCS-0856	DATE: 2/25/99	FIGURE 1 SITE LOCATION AND LOCAL TOPOGRAPHY MODERN CLEANERS PULASKI, WISCONSIN
REV. DATE			
	Northern Environmental ℠ *Hydrologists · Engineers · Geologists*		FOR: MODERN CLEANERS

S:\PROJ\MCS\04070856\022599 1.DWG

Table 1 Soil Field Screening, Modern Cleaners, Pulaski, Wisconsin

Boring Number	Sample Label	Depth (feet)	Sample Odor	Sample Description	Date Collected	PID Headspace Analysis		
						Time Collected	Time Analyzed	PID Response (iui)
B100	*S102	2-4	None	Sand with gravel, moist	4/1/99	920	1015	7
	S103	4-6	Slight	Sand w/ gravel, clay, silt, moist	4/1/99	924	1016	24
	S104	6-8	None	Sand, sandy clay, moist	4/1/99	926	1017	16
	S105	8-10	None	Silty clay, moist	4/1/99	930	1017	1
	S106	10-11	None	Silty clay, moist	4/1/99	945	1017	0
	S107	11-12	None	Silty clay, moist	4/1/99	950	1018	0
B200	S201	0-2	None	Organic silt, moist	4/1/99	930	1010	0
	*S202	2-4	None	Silty sand w/ clay, moist	4/1/99	945	1011	0
	S203	4-6	None	Sandy clay, wet	4/1/99	105	1017	0
B300	S301	0-2	None	Organic silt, moist	4/1/99	1020	1055	0
	*S302	2-4	None	Silty clay, moist	4/1/99	1030	1056	0
	S303	4-6	Diesel	Silty sand w/ gravel fill, wet	4/1/99	1040	1055	376

KEY:
PID = Photoionization Detector
iui = instrument units as isobutylene
* = Submitted for laboratory analysis



DRAWN BY: SXM	PROJECT: MCS–0856	DATE: 4/29/99
REV. DATE 5/7/99 7/1/99	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.	FIGURE 2 SOIL BORING AND TEMPORARY WELL LOCATIONS MODERN CLEANERS PULASKI, WISCONSIN
	Northern Environmental℠ Hydrologists · Engineers · Geologists	FOR: MODERN CLEANERS

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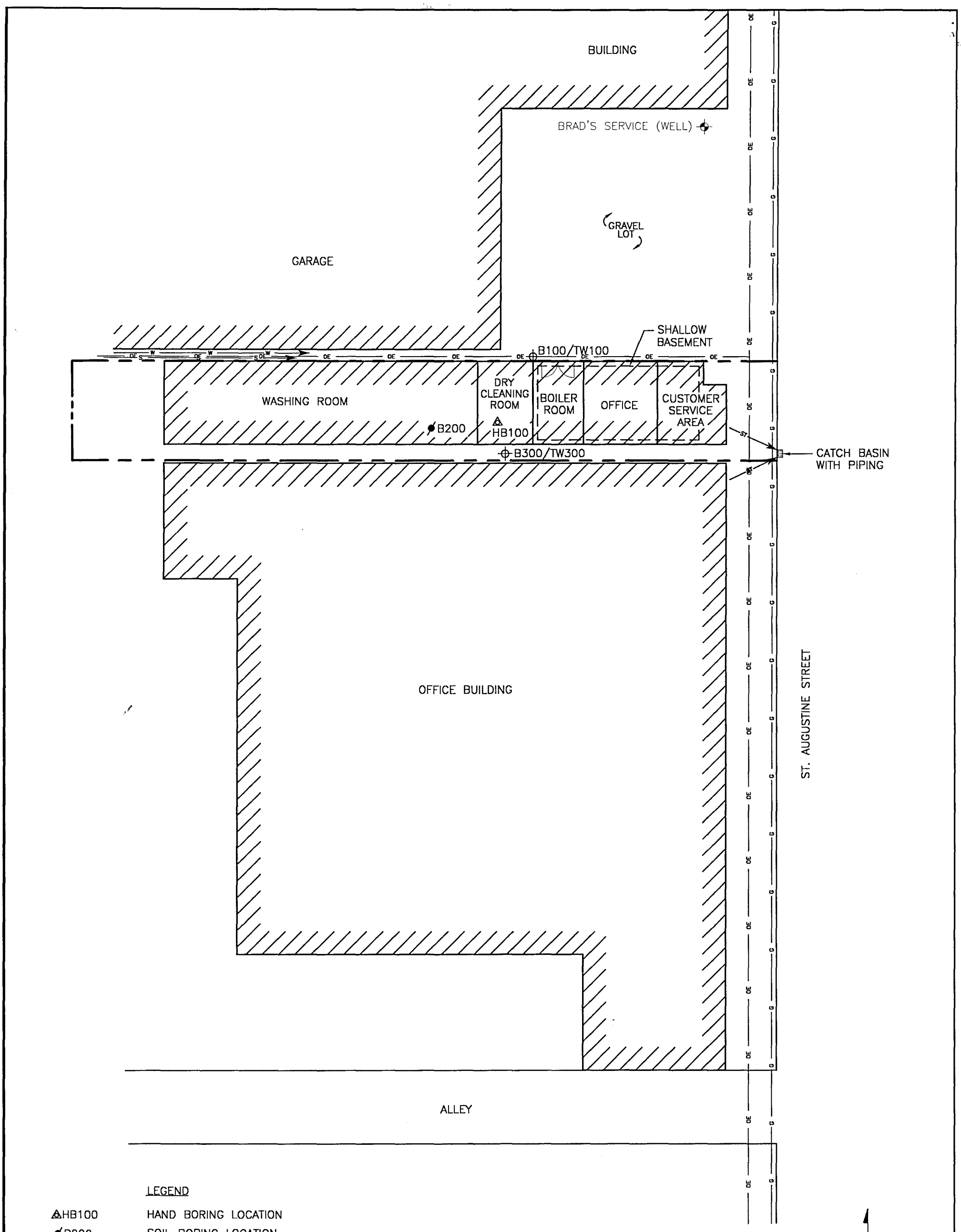
Table 1 Ground-Water Analytical Results, Modern Cleaners, Pulaski, Wisconsin

Well ID	Date Sampled	Relevant and Significant Analytical Results (µg/l)																									
		DRO	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzene	Xylenes	Acenapthene	Anthracene	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(K)Fluoranthene	Benzo(G,H,I)Perylene	Dibenzo(A,H)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-CD)Pyrene	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Pyrene
WAC PAL (µg/l)		NE	NE	NE	NE	NE	NE	8	NE	68.6	96	124	NE	600	NE	0.02	0.02	NE	NE	NE	80	80	NE	NE	NE	8	NE	50
WAC ES (µg/l)		NE	NE	NE	NE	NE	NE	40	NE	343	480	620	NE	3000	NE	0.2	0.2	NE	NE	NE	400	400	NE	NE	NE	40	NE	250
TW100	4/6&8/1999	3000	14	4.9	< 0.33	1.9	4.3	2 "J"	6	14	25.2	< 0.98	< 0.042	< 0.037	< 0.047	< 0.07	< 0.1	0.09 "J"	< 0.22	< 0.2	< 0.25	0.23 "J"	< 0.17	< 0.52	< 0.66	0.8 "J"	0.22	< 0.074
	04/30/01	---	---	---	---	---	---	---	---	---	---	---	< 0.19	< 0.036	< 0.0030	0.039	0.081	0.035	0.2	< 0.043	0.34	< 0.091	0.13	< 0.19	< 0.20	< 0.21	0.058	0.16
TW300	4/6&9/1999	8500	12	1.3	1 "J"	< 0.34	2.2	< 0.88	0.77 "J"	< 0.35	7.9	0.75 "J"	1.5	0.24	0.78	1.3	1	0.45	1.5	1.6	5	0.38 "J"	0.32 "J"	7.8	6.4	5	1.6	1.6
	8/4/99	---	---	---	---	---	---	---	---	---	---	---	0.46	0.17	1.1	2.7	0.82	0.82	4.2	< 0.2	6.4	< 0.14	0.86	5.3	6.3	4.3	2.3	3.5

Key:

DRO = Diesel Range Organics
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
32 = WAC Preventive Action Limit Exceeded
32 = WAC Enforcement Standard Exceeded



DRAWN BY: SXM	PROJECT: MCS-0856	DATE: 4/29/99
REV. DATE 5/7/99 7/1/99	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.	FIGURE 1 SOIL BORING AND TEMPORARY WELL LOCATIONS MODERN CLEANERS PULASKI, WISCONSIN
	Northern Environmental SM Hydrologists · Engineers · Geologists	FOR: MODERN CLEANERS

S:\PROJ\MCS\04070856\042999-2.DWG

Commonwealth
Technology, Inc.
Laboratory Division

1230 Lange Court
Baraboo, WI 53913-3109
Phone: (800) 228-3012
Fax: (608) 356-2766
EMail: bld@ctienv.com

ORIGINAL

ANALYTICAL REPORT

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

Project Name: PULASKI
Contract #: 1595
Project #: MCS03-0407-0856
Folder #: 15965
Purchase Order #: INV 16144
Arrival Temperature: See COC
Report Date: 5/8/01
Date Received: 5/1/01
Reprint Date:

CTI LAB#: 68227 Sample Description: TW 100 Sampled: 4/30/01 0820

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
1-Methylnaphthalene	<0.19	ug/L	0.19	0.64	1		5/2/01	5/4/01	SHU	EPA 8310
2-Methylnaphthalene	<0.20	ug/L	0.20	0.67	1		5/2/01	5/4/01	SHU	EPA 8310
Acenaphthene	<0.19	ug/L	0.19	0.62	1		5/2/01	5/4/01	SHU	EPA 8310
Acenaphthylene	<0.21	ug/L	0.21	0.70	1		5/2/01	5/4/01	SHU	EPA 8310
Anthracene	<0.036	ug/L	0.036	0.12	1		5/2/01	5/4/01	SHU	EPA 8310
Benzo(a)anthracene	<0.0030	ug/L	0.0030	0.010	1		5/2/01	5/4/01	SHU	EPA 8310
Benzo(a)pyrene	0.039	ug/L	0.0064	0.021	1		5/2/01	5/4/01	SHU	EPA 8310
Benzo(b)fluoranthene	0.081	ug/L	0.0052	0.017	1	P	5/2/01	5/4/01	SHU	EPA 8310
Benzo(g,h,i)perylene	0.20	ug/L	0.017	0.056	1	Q,P	5/2/01	5/4/01	SHU	EPA 8310
Benzo(k)fluoranthene	0.035	ug/L	0.0051	0.017	1	P	5/2/01	5/4/01	SHU	EPA 8310
Chrysene	<0.030	ug/L	0.030	0.10	1		5/2/01	5/4/01	SHU	EPA 8310
Fluoranthene	0.34	ug/L	0.0086	0.029	1	P	5/2/01	5/4/01	SHU	EPA 8310
Fluorene	<0.091	ug/L	0.091	0.30	1		5/2/01	5/4/01	SHU	EPA 8310
Indeno(1,2,3-cd)pyrene	0.13	ug/L	0.017	0.057	1	P	5/2/01	5/4/01	SHU	EPA 8310
Naphthalene	<0.21	ug/L	0.21	0.71	1		5/2/01	5/4/01	SHU	EPA 8310
Phenanthrene	0.058	ug/L	0.036 *	0.12	1		5/2/01	5/4/01	SHU	EPA 8310
Pyrene	0.16	ug/L	0.036	0.12	1	P	5/2/01	5/4/01	SHU	EPA 8310
Dibenzo(a,h)anthracene	<0.043	ug/L	0.043	0.14	1	Q	5/2/01	5/4/01	SHU	EPA 8310

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

Notes: * Indicates Value in between LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: _____

Record Reviewer

QC Qualifiers

Code	Description
A	Analyte averaged calibration criteria within acceptable limits.
B	Analyte detected in associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
J	Estimated value. The result is less than the reporting limit, but greater than the MDL.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
S	Surrogate and/or internal standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Calibration criteria exceeded.

Northern Environmental℠

Hydrologists • Engineers • Geologists

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

Page 1 of 1

No: 16404

Check office originating request

- ☐ 1214 W. Venture Ct. Mequon, WI 53092 262-241-3133 FAX 262-241-8222
- ☐ 372 West County Road D New Brighton, MN 55112 651-635-9100 FAX 651-635-0643
- ☒ 954 Circle Drive Green Bay, WI 54304 920-592-8400 FAX 920-592-8444
- ☐ 330 South 4th Avenue Park Falls, WI 54 715-762-1544 FAX 715-762-184
- ☐ 1203 Storbeck Drive Waupun, WI 53963 920-324-8600 FAX 920-324-3023
- ☐ 3211 Arnold Lane Northbrook, IL 60062 847-562-8577 FAX 847-562-8552
- ☐ 112 7th Street NE Rochester, MN 55906 507-282-3800 FAX 507-282-3100
- ☐ 31628 Glendale A Livonia, MI 48150 734-422-2624 FAX 734-422-353

Folder #: 15965

Company: NORTHERN ENVIRON

Project: PULASKI

Logged By: KMB PM: ETK

Project No: MKS 03-0407-08 Task No: 103

Project Location: (city) Pulaski

Project Manager: Lynelle Caine

Sampler: (name) Susan Knabe

Sampler: (Signature) Sue Knabe

Sampling Date(s): 4-30-01

Reports to be Sent to: Ann Krzyzewski

Laboratory: CLI

Wisconsin DNR Certification #: 157066030

Laboratory Contact: Eric Korthals

Price Quote:

TURNAROUND TIME REQUIRED

☒ Normal ☐ Rush

Date Needed

Sample Integrity - To be completed by receiving lab

Seal intact upon receipt ☐ yes ☐ no

Method of shipment

Contents Temperature °C Refrigerator No.

ANALYSES REQUESTED

ICE PRESENT: (YES) NO

TEMPERATURE 1.5 °C

INITIALS KB

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method	DATE	TIME
	TW100	4-30-01	8:20	1-1L	X			ice						X		5-1-1	1103

Packed for Shipping by: Sue Knabe

Shipment Date: 4-30-01

Comments:

Relinquished By:	Date:	Relinquished By:	Date:	Relinquished By:	Date:
Sue Knabe	4-30-01				
Company: Northern Environmental	Time: 4pm	Company:	Time:	Company:	Time:
Received By:	Date:	Received By: K. Bussmen	Date: 5-1-1	Received By:	Date:
Company:	Time:	Company:	Time: 1135	Company:	Time:

Lets Discuss 8-7-01

I could agree to close this w/ GWuR & perf st. Cap however this is only because it is inaccessable. Nothing was done since last denial although they tried.

- Also Brads service is noted as being nearby. I think I remember that this case had unexplained chlorinateds when we closed it some time ago. Is there a connection or concern regarding modern cleaners?

R. STOLL

Modern Cleaners
02-05-21042 3

① Resubmittal - denied cls. 10/28/99 (attached). Needed additional sampling to establish a trend.

② Monitoring well TW-300 is well in question, installed by hand - has been dry since 8/99. Consult. has been monitoring it over the last 2 years.

③ TW-300 located between 2 buildings - no room for drill rig, hand auger only & difficult to get any depth. Consult. attempted to deepen well - no success.

④ Degree & extent of contam. not defined to the south due to office buildings.

⑤ Table 2 shows results of sampling TW100 & TW300.

⑥ TW100 results look to have increasing trend from '99 to '01. However, initial detection limits were higher (above PAL), so PAL could have been exceeded in '99.

⑦ TW300 results look to be increasing (BaP) or stable (BaF).

(8) Recommendation:
Close w/ GWER & SDR for Mobery cleaners property & building property to the South. SDR would be in the form of perf. stb. - cap.

(9) Reasoning: TW300 has been dry since 8/99 & was relatively stable at that time. TW100 had DLs above PALs, so results of most recent round not necessarily indicative of expected trend.

Closure Request

Modern Cleaners (BRRTs #02-05-210423)

Consultant proposing closure based on soil performance standards and natural attenuation.

HB100 found GRO in soil at 550ppm and Ethylbenzene at 8,100 ppb. Ethylbenzene concentration is below NR746 direct contact numbers.

TW300 has an NR140 ES exceedance for Benzo(a) pyrene and Benzo(b) fluoranthene. Showing an increasing trend for Benzo(a)pyrene at property boundary!

Agree — Is this still an operating dry cleaner? CW

Access between buildings makes it impossible to install permanent monitoring points with a drill rig. Unable to define degree and extent to the South due to office building. (Where would gw use restriction be applied?)

Agree
Amy —

What are your suggestions? Believe TW300 should be resampled until a trend can be established. Should additional investigation and monitoring points be required?

KR

final 10-11-99

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
CASE SUMMARY AND CLOSE OUT FORM

UL 7-30-01

WDNR BRRTS Case #: 02-03-05-21042 3 WDNR Site Name: Modern Cleaners

NOTE: Use of this form is required by the Department for any case close out application filed pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code. Completion of this form is mandatory for applications for case closure. The Department will not consider or act upon your application unless you complete and submit this application form. It is not the Department=s intention to use any personally identifiable information from this form for any purpose other than reviewing close out requests and determining the need for additional response action.

I certify that, to the best of my knowledge, the information presented on and attached to this form is true and accurate. This recommendation for case closure is based upon all available data as of August 30, 1999 (date). I have read the Case Summary and Close Out Form Instructions and all required information has been included.

Form Completed By: Ed J Hoefferle 9/30/99

(Signature) (Date)

Printed Name: Ed Hoefferle Company Name: Northern Environmental Technologies, Incorporated

If not site owner, relationship to site owner: Environmental Consultant

Address: 954 Circle Drive, Green Bay, Wisconsin 54304

Telephone Number: (920) 592-8400 FAX Number: (920) 592-8444

Environmental Consultant (if different then above): _____

Address: _____

Telephone Number: ( ) _____ FAX Number: ( ) _____

FOR DEPARTMENT USE ONLY

Type of Case: LUST Spill (ER) Land Recycling Other _____ DNR Reviewer: Nell

WDNR Site Name: Modern Cleaners

Complete Site Address: 119 South St. Augustine Street, Pulaski, Wisconsin

WDNR BRRTS Case #: 02-03-05-21042 3 FID #: _____

PECFA Claim #: _____ - _____ - _____

Responsible Party Name: Modern Cleaners (Attn: Mrs. Karen Skalitzky)

Complete Responsible Party Address: Post Office Box 558, Pulaski, Wisconsin 54162

Site Legal Description : ____ 1/4, NW 1/4, NW 1/4, Sec 6 , T 25 N, R 19 E Town: Pulaski

County: Brown Latitude: 44 ° 40 = 17.8 ≅ Longitude: 88 ° 14 = 32.4 ≅

Type Of Closure Requested:

Soil	Groundwater
___ < NR 720.09/720.11 Generic RCLs	___ < NR 140.10 Table 1 & Table 2 Values
X NR 720.19(2) Soil Performance Stds.	___ NR 140.28(2) PAL Exemption
___ NR 720.19(3) Site Specific Stds.	X NR 726.05(2)(b) Natural Attenuation

WDNR BRRTS Case #: 0 3 - 0 5 - 2 1 0 4 2 3 WDNR Site Name: Modern Cleaners

Contaminant Type(s): Fuel Oil/Mineral Spirits Quantity Released: Unknown

Date of Incident/Discovery: 1/14/99 Zoning of Property: Commercial Fee Attached: Yes X No NA

Enforcement Actions Closed Out? Yes No X NA Permits Closed Out? Yes No X NA

1. **CASE HISTORY AND JUSTIFICATION FOR CLOSURE ATTACHED?** X Yes No

2. **SOIL PRE-REMEDIATION OR INVESTIGATION ANALYTICAL RESULTS**

Extent Defined? X Yes No Soil Type(s): Silty Clay/Silty Sand Depth to Bedrock: 45 feet

Potential Receptors for Direct Contact (i.e. vapor migration, contaminated soil left in place): None

Tables of Pre-remedial Analytical Results Attached? X Yes No Maps of Pre-remedial Sample Locations Attached? X Yes No

3. **SOIL POST REMEDIATION ANALYTICAL RESULTS**

Remedial Action Completed? Yes X No 720.19 Analysis? Yes X No (If yes, attach supporting documentation)

Were Soils Excavated? Yes X No Quantity: N/A Disposal Method: N/A

Final Confirmation Sampling Methods: N/A

Soil Disposal Form Attached? Yes X No Final Disposal Location: N/A

Estimated volume of in situ soil exceeding NR 720 RCLs: 15 cubic yards

Tables for Post-remedial Analytical Results Attached? Yes X No Maps of Post-remedial Sample Locations Attached? Yes X No

Brief Description of Remedial Action Taken: None taken. Contaminated soil is inaccessible to ex-situ remediation. Natural biodegradation is the only feasible remedial alternative.

4. **GROUNDWATER ANALYTICAL RESULTS**

Potential Receptors for Groundwater Migration Pathway: None

Extent of Contamination Defined? X Yes No NA Remedial Action Completed? Yes X No NA

# of Sample Rounds: 2 Depth(s) to Groundwater/Flow Direction(s): 3-6 fbg/east-northeast based on other sites in area

Field Analyses? Yes X No Lab Analyses? X Yes No # of Sampling Points?: 2

NR 141 Monitoring Wells Sampled: None # Temporary Groundwater Sampling Points Sampled: 2

Recovery Sumps Sampled: 0 # Municipal Wells Sampled: 0 # Private Wells Sampled: 0

Has DNR Been Notified of Substances in Groundwater w/o Standards: X Yes No

Any Potable Wells Within 1200 Feet of Site? Yes X No If Yes, How Many? 0

More well 1400' E/SE of site

Have They Been Sampled? Yes X No Have Well Owners/Occupants Been Notified of Results? Yes X No

Preventive Action Limit Exceeded? X Yes No (If Yes, identify location(s) TW300

Enforcement Standard Exceeded? X Yes No (If Yes, identify location(s) TW300

Tables of Analytical Results Attached? X Yes No Map of Groundwater Sample Location Map Attached? X Yes No

Brief Description of Remedial Action Taken: Natural Attenuation was selected as the most feasible/cost effective ground-water remediation method.

WDNR BRRTS Case #: 0 3 - 0 5 - 2 1 0 4 2 3 WDNR Site Name: Modern Cleaners

FOR DEPARTMENT USE ONLY

FIRST REVIEW DATE: 10-28-99 [ ] Approved [X] Denied

(Signature) (Signature) (Signature) (Signature)

SECOND REVIEW DATE: 8-13-01 [X] Approved [ ] Denied

(Signature) (Signature) (Signature) (Signature)

COMMITTEE RECOMMENDATION:

X **Closure Approved Per:**

- ___ No Restrictions
- X Groundwater Use Restriction due to Benzo-A Pyrene and Benzo B Flouranthene at TW-300
- ___ Zoning Verification
- X Deed Restriction - for Modern cleaners building to remain as a Performance standard cap for G.W.
- ___ Deed Affidavit
- ___ Site Specific Close Out Letter Necessary
- ___ Well Abandonment Documentation
- ___ Soil Disposal Documentation
- ___ Public Notice Needed
- ___ NR 140 Exemption For: _____
- ___ Specific Comments: _____

X **Closure Denied, Needs More:**

- ___ Investigation
- X Groundwater Monitoring at TW-300 for PAH's to establish trend
- ___ Soil Remediation
- ___ Groundwater Remediation
- ___ Documentation Of Soil Landspreading Or Biopile Destiny
- X Specific Comments: Consultant should then resubmit closure once trend established (at least 2 more rounds) and define why or how it is stable/Receding with expectation that closure will require a g.w. use Restriction for modern cleaners building and the office building property to the south unless they can produce samples to show otherwise. Also will require a soil deed restriction performance standard to maintain modern cleaners building as cap for direct contact and to prevent g.w. contaminant migration.

CASE SUMMARY AND JUSTIFICATION FOR CLOSURE

Background

The Site is currently owned by Ms. Karen Skalitzky and has been operated as a commercial dry cleaning facility for at least 70 years. The Skalitzky's have owned the Site since 1974. Mineral spirits is the only dry cleaning compound believed to have been used on the Site. During March 1999, Modern Cleaners discontinued dry cleaning services. Currently the Site is for sale.

On October 13, 1998, during a limited Phase II Environmental Site Assessment performed by Northern Environmental Technologies, Incorporated (Northern Environmental), elevated concentrations of gasoline range organics and diesel range organics were identified in a soil sample collected from a hand boring (B100) near the dry cleaning room. According to laboratory personnel at U.S. Oil Analytical Laboratory, the chromatogram for this sample identified two patterns, indicating the contamination detected is typical of a combination of mineral spirits and fuel oil. On January 14, 1999, the release was reported to the Wisconsin Department of Natural Resources (WDNR). The WDNR subsequently requested an investigation be performed to determine the extent of the mineral spirits and fuel oil release in soil and ground water at the site.

On February 1, 1998, Ms. Skalitzky retained Northern Environmental to perform an investigation of the release and recommend a remedial action plan to address impacted soil and/or ground water. Northern Environmental submitted a work plan to the WDNR on March 12, 1999.

On April 1, 1999, Northern Environmental completed two KV hand-auger soil borings and documented the advancement of one Geoprobe® boring to define the extent of the release. The Geoprobe® boring and one of the KV hand-auger borings were completed as temporary ground-water monitoring wells. The results of the investigation indicated that soil containing petroleum compounds above NR 720 Wisconsin Administrative Code (Wis. Adm. Code) generic residual contaminant levels (RCLs) exists in a limited area under the former dry cleaning room of the building.

Ground-water contamination above Wis. Admin. Code enforcement standard (ES) was detected in one temporary monitoring well located between the site building and adjacent office building. Ground-water flow information obtained from Brad's Service Station (a leaking underground storage tank site adjacent to the site) indicates ground-water flow is to the east-northeast. Based on this information, it appears that ground-water contamination is limited to the vicinity of TW300 and laterally to the east-northeast under the building. The site investigation report was submitted for WDNR review on July 20, 1999.

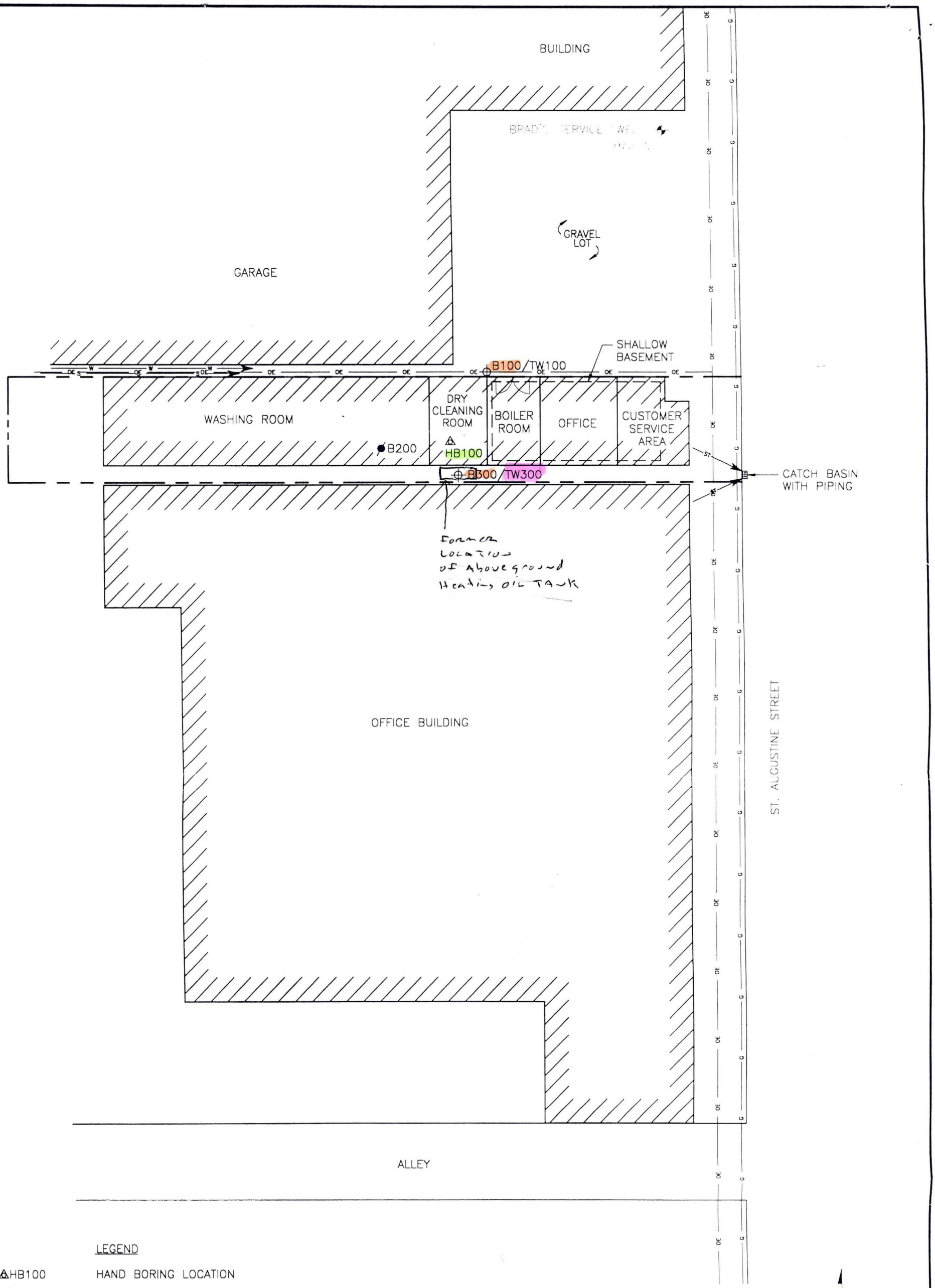
Per Northern Environmental conversation with WDNR on July 22, 1999, Northern Environmental personnel collected an additional ground-water sample from temporary monitoring well TW300 on August 4, 1999. Ground-water laboratory analytical results are included as Attachment E.

Justification for Closure of Soil

Data collected during the site investigation indicates soil contamination above Chapter NR 720 Wis. Adm. Code generic RCLs is limited to an area directly underneath the Site building near the former dry cleaning room. Since this area is permanently capped by the building floor, it does not pose a direct-contact threat and therefore pose minimal threat to public health, safety, and welfare of the environment. Based on ground-water quality data obtained from the Site, it appears that remaining soil contamination is also protective of local ground-water quality. **Therefore, Northern Environmental request site closure with respect to soil per the requirements of Chapter NR 720.19(2) Wis. Adm. Code.**

Justification for Closure of Ground Water

Benzo(a)pyrene and benzo(b)flouranthene were detected at concentrations in excess of Chapter NR 140, Wis. Adm. Code ES in ground water collected from the temporary well (TW300) located between the site building and the adjacent office building. Laboratory analysis of a ground-water sample collected from the temporary well located on the north side of the site building did not detect petroleum compounds above chapter NR 140 Wis. Adm. Code preventive action limit. Additional ground water quality data obtained from TW300 indicates petroleum concentrations within the plume are stable. Migration of petroleum contaminants along the building foundation and along the underground utilities located on the north side of the site building is possible. However, ground water collected from temporary well TW100, located downgradient of TW300 and near the underground utilities, did not indicate petroleum constituents above Wis. Adm. Code ES. Given this condition, migration of petroleum constituents beyond the site boundaries are not a concern. Direct contact (via inhalation) with the petroleum contaminants is not a concern because the identified ground-water contaminant plume is located under the site building. In addition, none of the environmental factors listed in COMM 47.337(3)(a) are known to exist at the Site. **Therefore, Northern Environmental requests site closure with respect to ground water per the requirements of chapter NR 726.05(2)(b) Wis. Adm. Code.**



LEGEND

- HB100 — HAND BORING LOCATION
- B200 — SOIL BORING LOCATION
- B100/TW100 — SOIL BORING AND TEMPORARY WELL LOCATION
- PROPERTY LINE
- G — NATURAL GAS LINE
- OE — OVERHEAD ELECTRIC LINE
- S — SANITARY SEWER LINE
- ST — STORM SEWER LINE
- W — WATER LINE

soil exceedance for (proposed) PAHs
NR140 ES exceedance
NR720 exceedance (GRO)

N

SCALE IN FEET
10 0 10 20

DRAWN BY: SXM	PROJECT: MCS-0856	DATE: 4/29/99
REV. DATE 5/7/99 7/1/99	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

FIGURE 2
SOIL BORING AND TEMPORARY WELL LOCATIONS
MODERN CLEANERS
PULASKI, WISCONSIN

FOR: MODERN CLEANERS

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Table 2 Soil Analytical Results, Modern Cleaners, Pulaski, Wisconsin

Boring Number	Sample Number	Sample Depth (feet)	Date Sampled	DRO (mg/kg)	GRO (mg/kg)	Relevent and Significant Analytical Results (µg/kg)																									
						n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	1,2-Dichloropropane	Ethylbenzene	p-Isopropyltoluene	Naphthalene GW 440	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes	Acenaphthylene	Anthracene	Benzo(A)Anthracene DC 88	Benzo(A)Pyrene DC 8.8	Benzo(B)Fluoranthene DC 88	Benzo(K)Fluoranthene DC 88	Benzo(G,H,I)Perylene	Chrysene	Dibenzo(A,H)Anthracene DC 8.8	Fluoranthene	Indeno(1,2,3-CD)Pyrene DC 88	1-Methyl Naphthalene GW 610	2-Methyl Naphthalene GW 570	Naphthalene GW 440	Phenanthrene	Pyrene
WAC Residual Contaminant Level			NR720	(250)	(250)	NE	NE	NE	NE	2900	NE	NE	NE	NE	NE	4100	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
B100	S102	2-4	04/01/99	---	---	1100	780	460	< 25	79	< 25	43	850	450	290	< 75	48 "J"	44 " J"	120	100 "J"	160	100 "J"	92 "J"	160	48 "J"	240	110	33 "J"	44 "J"	44 "J"	130	230
HB100	S103	1-3	10/13/98	26	550	7500	< 25	< 25	< 25	**8100**	2200	310	6700	8800	9400	1300	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B200	S202	2-4	04/01/99	---	---	< 25	< 25	< 25	< 25	< 25	< 25	45	< 25	33	< 25	< 75	39 "J"	< 36	84	90 "J"	120 "J"	93 "J"	83 "J"	110 "J"	30 "J"	180	74	40 "J"	60 "J"	32 "J"	140	170
B300	S302	2-4	04/01/99	< 10	---	550	< 25	< 25	38	57	< 25	100	280	340	72	280	49 "J"	84 "J"	320	330	500	330	240	400	110	560	230	48 "J"	77	100	290	510

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Key:

GRO = Gasoline Range Organics

MTBE = Methyl-Tertiary-Butyl-Ether

mg/kg = milligrams per kilogram

µg/kg = micrograms per kilogram

--- = Not Analyzed

NE = Not Established by Wisconsin Administrative Code (WAC)

RCL = Residual Contaminant Level

120 = WAC Residual Contaminant Level Exceeded

DC = Direct contact pathway (proposed)

GW = GW pathway (proposed)

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Table 2 Ground-Water Analytical Results, Modern Cleaners, Pulaski, Wisconsin

Well ID	Date Sampled	Relevant and Significant Analytical Results (µg/l)																									
		DRO	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzene	Xylenes	Acenapthene	Anthracene	Benzo(A)Antitracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(K)Fluoranthene	Benzo(G,H,I)Perylene	Dibenzo(A,H)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-CD)Pyrene	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Pyrene
WAC PAL (µg/l)		NE	NE	NE	NE	NE	NE	8	NE	68.6	96	124	NE	600	NE	0.02	0.02	NE	NE	NE	80	80	NE	NE	NE	8	NE	50
WAC ES (µg/l)		NE	NE	NE	NE	NE	NE	40	NE	343	480	620	NE	3000	NE	0.2	0.2	NE	NE	NE	400	400	NE	NE	NE	40	NE	250
TW100	4/6&8/1999	3000	14	4.9	< 0.33	1.9	4.3	2 "J"	6	14	25.2	< 0.98	< 0.042	< 0.037	< 0.047	< 0.07	< 0.1	0.09 "J"	< 0.22	< 0.2	< 0.25	0.23 "J"	< 0.17	< 0.52	< 0.66	0.8 "J"	0.22	< 0.074
	04/30/01	---	---	---	---	---	---	---	---	---	---	---	< 0.19	< 0.036	< 0.0030	0.039	0.081	0.035	0.2	< 0.043	0.34	< 0.091	0.13	< 0.19	< 0.20	< 0.21	0.058	0.16
TW300	4/6&9/1999	8500	12	1.3	1 "J"	< 0.34	2.2	< 0.88	0.77 "J"	< 0.35	7.9	0.75 "J"	1.5	0.24	0.78	1.3	1	0.45	1.5	1.6	5	0.38 "J"	0.32 "J"	7.8	6.4	5	1.6	1.6
	8/4/99	---	---	---	---	---	---	---	---	---	---	---	0.46	0.17	1.1	2.7	0.82	0.82	4.2	< 0.2	6.4	< 0.14	0.86	5.3	6.3	4.3	2.3	3.5

Key:

DRO = Diesel Range Organics

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

32 = WAC Preventive Action Limit Exceeded

32 = WAC Enforcement Standard Exceeded

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State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
George E. Meyer, Secretary
Ronald Kazmierczak, Regional Director

Northeast Region Headquarters
1125 N. Military Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5800
FAX 920-492-5913
TDD 920-492-5912

WASTE MANAGEMENT AND BUREAU FOR REMEDIATION AND REDEVELOPMENT

FAX TRANSMITTAL SHEET

Date: ~~920-592-8400~~ 2-9-01

TO

Name: Lynelle Caine

Company/Agency: Northern Environmental

Fax Number: 920-592-8444

FROM

Name: Alan Nass AN

Company/Agency: WDNR

Phone Number: 920-492-5861

Pages to follow (excluding cover sheet): 0

Comments/Message: Re: Modern Cleaners in Pulaski, give me a call when you are able. I believe you had said that you had proposal for the site. Maybe MW-300 will have water in it this spring? Thanks!

Tracked

FACSIMILE TRANSMISSION

Northern Environmental℠
Hydrologists • Engineers • Geologists

954 Circle Drive
Green Bay, WI 54304

920-592-8400
(800) 854-0606
920-592-8444 FAX

Date: 8/15/00
Our Project No.: MC503-0407-0856
From: Lynelle Cave
Pages To Follow: 1030am
Time: 5

TO: Al Dass FAX NUMBER: 492-5859

COMPANY: WDNR

REMARKS: Attached is a site map showing the location of the monitoring wells at Modern Cleaners in Pulaski (WDNR BRRTS # 02-05-210423). The site was denied closure by the WDNR in Nov 1999 due to the Benzo(a) pyrene + Benzo(b) fluoranthene exceedences in TW300 groundwater samples. Per the closure letter the WDNR requested two additional rounds of groundwater samples from TW300. This well however has been dry since Nov 1999 to present. We don't think we'll be able to set a deeper well here because we were not able to get beyond ~ 6 ft bg. (? possible encountering footings for adjacent Building). I would like to discuss some different alternatives. Possibly collecting additional data from TW100 to show limited in extent + not migrating. Please call to discuss once you've had a chance to review.

COPY TO: _____

SIGNED: Thanks Lynelle

NOTE TO OPERATOR: Please deliver this facsimile transmission to the above addressee(s). If you did not receive all of the pages in good condition, please advise sender at your earliest convenience. **THANK YOU.**

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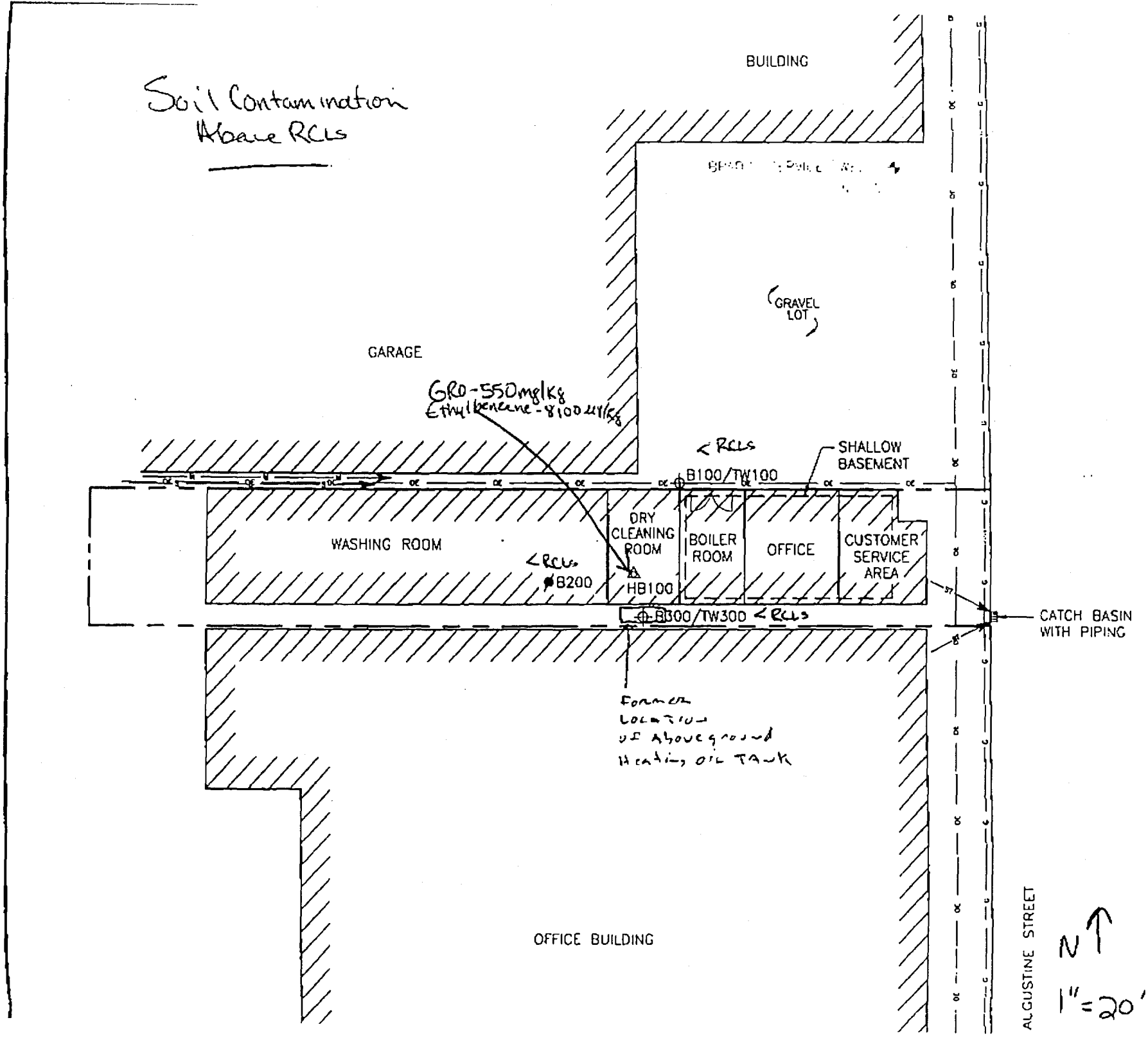
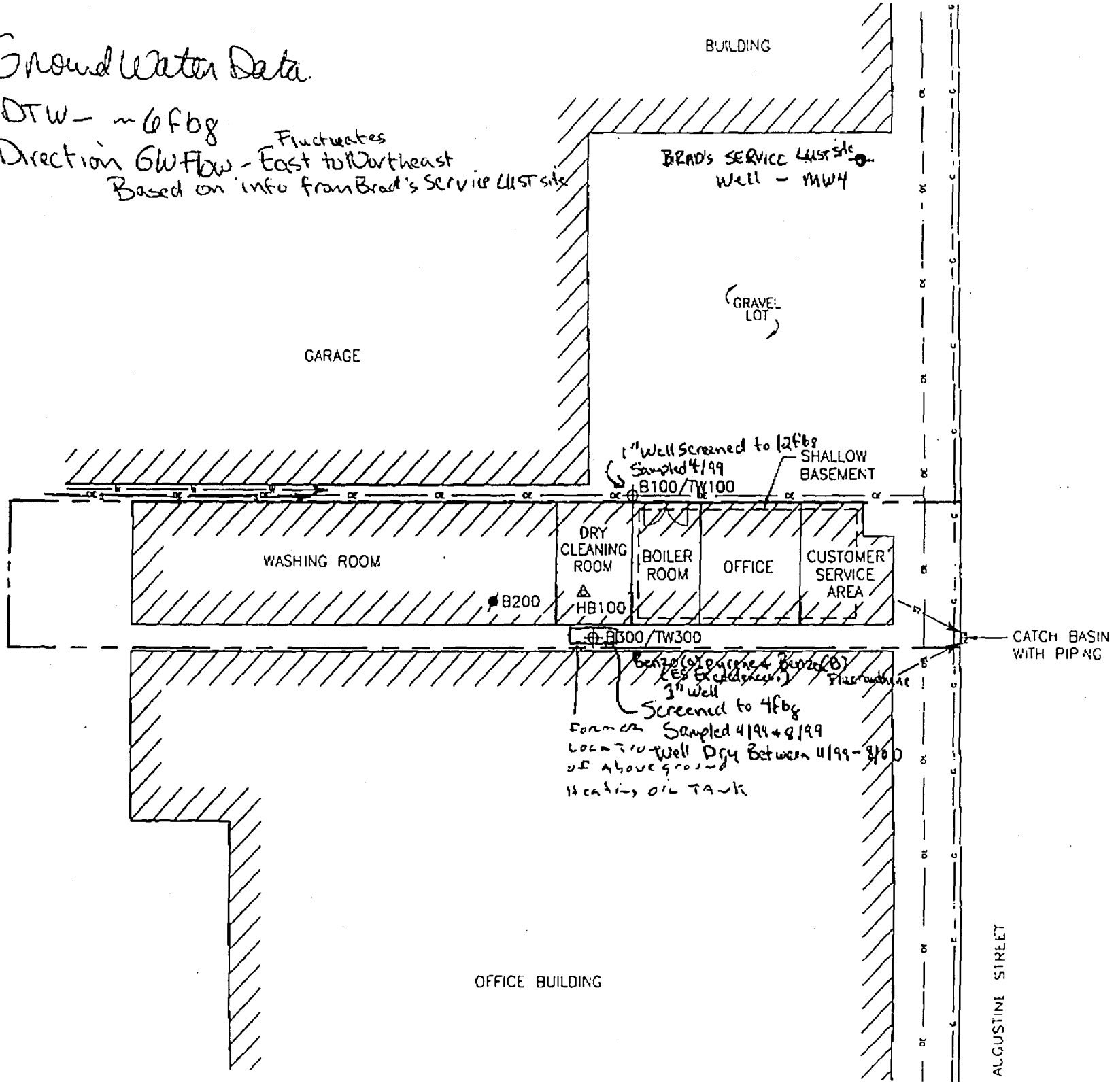

Soil Contamination
Above RCLs
BUILDING
GRAVEL LOT
GARAGE
GRO-550mg/Kg
Ethylbenzene-8100 ug/Kg
< RCLs
B100/TW100
SHALLOW BASEMENT
WASHING ROOM
DRY CLEANING ROOM
BOILER ROOM
OFFICE
CUSTOMER SERVICE AREA
< RCLs
B200
HB100
B300/TW300 < RCLs
CATCH BASIN WITH PIPING
Former Location of Aboveground Heating Oil Tank
OFFICE BUILDING
ALGUSTINE STREET
N
1" = 20'

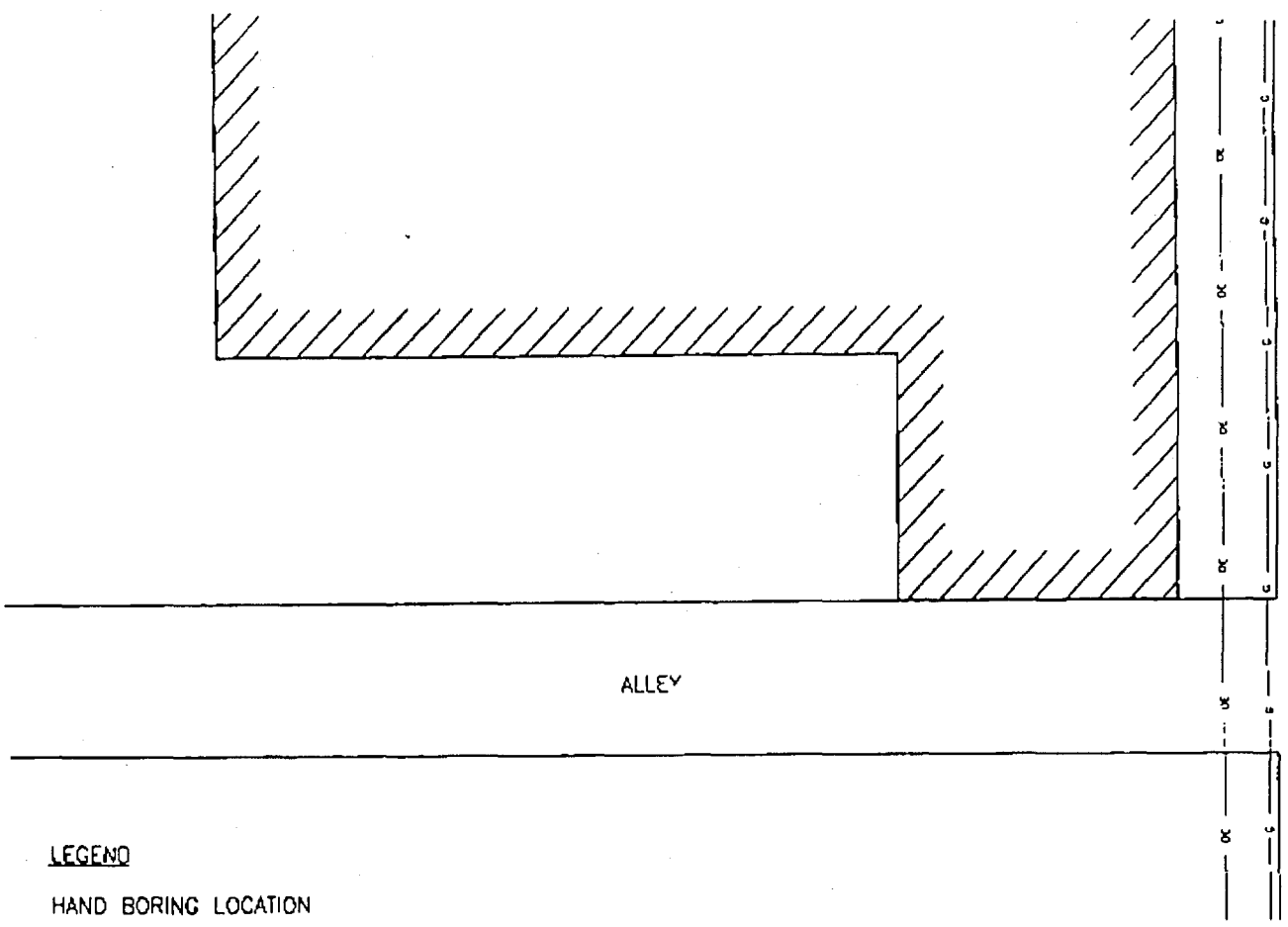
Ground Water Data.

DTW - ~6 fbg

Direction GW flow - East to Northeast Fluctuates

Based on info from Brad's Service UST site





LEGEND

ΔHB100	HAND BORING LOCATION
B200	SOIL BORING LOCATION
B100/TW100	SOIL BORING AND TEMPORARY WELL LOCATION
	PROPERTY LINE
g	NATURAL GAS LINE
OE	OVERHEAD ELECTRIC LINE
S	SANITARY SEWER LINE
ST	STORM SEWER LINE
W	WATER LINE

N

SCALE IN FEET

10 0 10 20

DRAWN BY: SXM	PROJECT: MCS-0856	DATE: 4/29/99
REV. DATE 5/7/99 7/1/99	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.	FIGURE 2 SOIL BORING AND TEMPORARY WELL LOCATIONS MODERN CLEANERS PULASKI, WISCONSIN
	Northern Environmental℠ Hydrologists • Engineers • Geologists	FOR: MODERN CLEANERS

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Table 2 Soil Analytical Results, Modern Cleaners, Pulaski, Wisconsin

Boring Number	Sample Number	Sample Depth (feet)	Date Sampled	DRO (mg/kg)	GRO (mg/kg)	Relevant and Significant Analytical Results (µg/kg)																										
WAC Residual Contaminant Level				(250)	(250)	NE	NE	NE	NE	2900	NE	NE	NE	NE	NE	4100	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
B100	S102	2-4	04/01/99	--	--	8100	780	460	< 25	79	< 25	43	650	650	290	< 75	48 J	64 J	120	100 J	160	100 J	92 J	190	48 J	240	180	33 J	46 J	44 J	130	230
MW100	S103	9.5	10/13/98	26	550	7500	< 25	< 25	< 25	8100	2200	310	6700	8600	9400	1500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B200	S202	2-4	04/01/99	--	--	< 35	< 25	< 25	< 25	< 25	< 26	45	< 35	33	< 25	< 75	39 J	< 36	84	90 J	120 J	80 J	83 J	110 J	30 J	180	74	40 J	60 J	32 J	140	170
B300	S302	2-4	04/01/99	< 10	--	550	< 25	< 25	38	57	< 26	100	250	340	72	280	49 J	84 J	320	330	500	330	240	400	110	560	330	48 J	77	100	290	510

Key:

GRO = Gasoline Range Organics

MTBE = Methyl-Tertiary-Butyl Ether

mg/kg = milligrams per kilogram

µg/kg = micrograms per kilogram

-- = Not Analyzed

NE = Not Established by Wisconsin Administrative Code (WAC)

RCL = Residual Contaminant Level

= WAC Residual Contaminant Level Exceeded

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Table 3 Ground-Water Analytical Results, Modern Cleaners, Pulaski, Wisconsin

Well ID	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/l)																										
WAC PAL (µg/l)			NE	NE	NE	NE	NE	NE	8	NE	68.6	96	124	NE	600	NE	0.02	0.03	NE	NE	NE	80	80	NE	NE	NE	8	NE	50
WAC ES (µg/l)			NE	NE	NE	NE	NE	NE	40	NE	343	480	620	NE	3000	NE	0.2	0.2	NE	NE	NE	400	400	NE	NE	NE	40	NE	250
TW100	4/6/8/1998	5025159A	3000	14	0.9	< 0.33	1.9	4.3	2 "J"	6	14	23.2	< 0.98	< 0.042	< 0.037	< 0.047	< 0.07	< 0.9	0.09 "J"	< 0.22	< 0.2	< 0.25	0.23 "J"	< 0.17*	< 0.52	< 0.65	0.8 "J"	0.22	< 0.074
TW300	4/6/8/1998	5025159B	8500	12	1.3	1 "J"	< 0.34	2.2	< 0.86	0.77 "J"	< 0.35	7.9	0.75 "J"	1.5	0.24	0.78	1.3	1	0.45	1.5	1.6	5	0.38 "J"	0.32 "J"	7.8	6.4	3	1.6	1.6
	8/4/99	5026654A	--	--	--	--	--	--	--	--	--	--	--	0.45	0.17	1.1	2.7	0.83	0.82	4.2	< 0.2	6.4	< 0.14	0.68	5.3	6.3	4.3	2.3	3.5

Key

DRO = Diesel Range Organics
µg/l = micrograms per liter
WAC = Wisconsin Administrative Code
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ES = Enforcement Standard
NE = Not established by WAC
"J" = Analyte detected between Limit of Detection and Limit of Quantitation
= WAC Preventive Action Limit Exceeded
= WAC Enforcement Standard Exceeded

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TELEPHONE LOG

SITE NAME: Modern Cleaners **DATE:** 12-02-99

TRACKING NUMBER: 02-05-210423 **TIME:** ~ 4:15

CONTACT NAME: Ed Haefferle **PHONE:**

COMPANY AGENCY: Northern Environmental

INITIATED BY: Ed

Ed calling regarding the 11-8-99 closure denial letter sent by the WDNR. Ed wondering how additional samplings can be conducted when TW-300 is dry. TW-300 installed by hand and variance issued by Stoll according to Ed.

WDNR suggested installing an additional deeper well approximately 5' away from TW-300. Ed will consider this option. Ed also thinking of putting a sand pump in due to building debris and lack of space. Here okay with this option but would like Ed to talk with Stoll regarding installation.

TW-300 should not be abandoned at this time.

SIGNATURE: Kristy Hess

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Ronald W. Kazmierczak, Regional Director

Remediation and Redevelopment
1125 North Military Avenue
P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5916
FAX 920-492-5859
TDD 920-492-5812

November 8, 1999

Ms. Karen Skalitzky
P.O. Box 558
Pulaski, WI 54162

SUBJECT: Modern Cleaners, 119 South St. Augustine Street, Pulaski, WI
WDNR BRRTS #02-05-210423

Dear Ms. Skalitzky:

As you are aware, Environmental Repair (ERP) Case # 02-05-210423 was recently submitted to the Bureau of Remediation and Redevelopment's Northeast Region Closeout Committee. This panel reviews environmental remediation cases for compliance with state laws, standards and guidelines to maintain consistency in the closeout of cases. After careful review, the panel has determined the Modern Cleaners site cannot be closed at this time.

Due to the Polynuclear Aromatic Hydrocarbon (PAH) impacts identified in temporary groundwater monitoring well TW-300 the Department is requiring additional groundwater monitoring. At a minimum, the Department is requiring two additional rounds of groundwater sampling to establish a stable or downward trend in contaminant concentrations. Once this trend is established the Modern Cleaners site can be resubmitted for closure with an explanation as to why and/or how the contaminant plume is stable or receding.

At the time of closure it is anticipated the Modern Cleaners site and the office building property to the south will require a groundwater use restriction. A soil deed restriction performance standard will also be required to maintain the Modern Cleaners building as a cap for direct contact and to prevent groundwater contaminant migration.

If you have additional relevant information concerning this matter which was not formerly provided to the Department, and which you feel would significantly impact the Department's closure decision, you may submit that information for our re-evaluation of case closure.

If you have any questions regarding the content of this letter, please contact me in Green Bay at (920) 492-5943.

Sincerely,

Kristin Nell
Hydrogeologist
Bureau of Remediation & Redevelopment

cc: Edward Hoefferle, Northern Environmental – Green Bay

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Ronald W. Kazmierczak, Regional Director

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1125 North Military Avenue
P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5916
FAX 920-492-5859
TDD 920-492-5812

October 11, 1999

Ms. Karen Skalitzky
P.O. Box 558
Pulaski, WI 54162

SUBJECT: Acknowledgment of Receipt/Request for Closure Review
Modern Cleaners, 119 South St. Augustine Street, Pulaski, WI
WDNR BRRTS ID #: 02-05-210423

Dear Ms. Skalitzky:

The Department received your request for closeout review on October 4, 1999. Due to staffing levels and the backlog of non-emergency cases, requests for closure are logged and reviewed in the order they are received. However, we hope to be able to review your request within 90 days. After Department review of the case, a letter will notify you either that closure is approved or that additional work is required.

If you have any questions, please contact me at (920) 492-5943.

Sincerely,

Kristin Nell
Hydrogeologist
Remediation & Redevelopment Program

cc: Edward Hoefferle, Northern Environmental – Green Bay

Northern Environmental℠
Hydrologists • Engineers • Geologists

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

September 30, 1999
(MCS03-0407-0856)

RECEIVED
OCT 04 1999
LMD SOLID WASTE

Ms. Karen Skalitzky
Post Office Box 558
Pulaski, Wisconsin 54162

RE: Recommendation for Site Closure, Modern Cleaners, 119 South St. Augustine Street, Pulaski, Wisconsin; ERP Case #02-05-2104-23

Dear Ms. Skaltizky:

Northern Environmental Technologies, Incorporated (Northern Environmental) has prepared the enclosed Wisconsin Department of Natural Resources (WDNR) Case Summary and Close Out form (Form 4400-202) and attachments for the mineral spirits and fuel oil release identified at Modern Cleaners, 119 South St. Augustine Street, Pulaski, Wisconsin (the Site). Based on the laboratory analytical results from the soil borings and groundwater monitoring, we believe the Site meets the requirements for case closure.

By copy of this letter, **Northern Environmental is requesting the Site be considered for closure by the WDNR's Northeast Region Closure Committee.** If you have any questions or concerns regarding this submittal, please contact us at 920-592-8400.

Sincerely,
Northern Environmental Technologies, Incorporated

Edward J. Hoefferle, EIT
Project Coordinator

Michael B. Roznowski
District Director

FEE RECEIVED
Date 10-04-99
WDNR - NER

EJH/bmg
Enclosures
c: Ms. Kristen Nell, WDNR–Northeast Region

S:\proj\MCS\04070856\LETTERS\casesumm.doc

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
Case Summary and Close Out Form Instructions

The Case Summary and Close Out Form and attached instructions have been designed by staff in the Bureau for Remediation and Redevelopment to provide responsible parties, environmental consultants, Department staff, and other interested parties with a checklist of information that must be evaluated prior to case closure. The closure of a case means that the Department has determined that no further response is required at that time. Various closure options are available within Department codes. Responsible parties and their consultants should specify the options sought for closure for the soils and groundwater at their site. Groundwater quality standards found in NR 140 and soil standards found in NR 720 must generally be met. However, some closure options allow closure where groundwater or soil standards are not met provided that restrictions are imposed on the subject property. In addition, a previously closed case may be reopened by the Department if information regarding site conditions indicates that contamination on or from the site poses a threat to public threat, safety, or welfare or the environment.

In order to expedite the closure process for your case, you should submit a complete and accurate submittal according to the following instructions. Submit the Case Summary and Close Out Form and required attachments as a stand alone document and **please do not** submit the close out request in a bound report. The information supplied should succinctly summarize the chronological history of the entire case and should reinforce the justification for closure. Submission of tabulated analytical results from previous reports are acceptable (i.e. it is not necessary to create new tables). However, do not submit previously submitted reports themselves as attachments. **Submittals with incomplete forms and/or documentation will be returned.** The following should be included in the order shown:

✓ **(A) Case Summary and Close Out Form** must be complete. A brief **written** case history, justification for case closure and description of the remedial action taken must be included. The type of closure requested for both the soil and groundwater must be indicated.

✓ **(B) Site Map**, per NR 716.15(2)(d)5-6, to scale showing the layout of the buildings, roads, tank and/or discharge locations, utilities, receptors, monitoring and potable wells, property lines and other relevant features of the site. If possible, the scale should be 1 inch = 10 or 20 feet.

✓ **(C) Pre-Remedial Soil Analytical Results Table(s)** which show the analytical results and sample depths of all of the pre-remedial soil samples (i.e. tank pull, site investigation, etc.). If more than one table, please put them in chronological order. Highlight those results which exceed the NR 720 soil standards. Provide the level of detection for results which are below the detection level (i.e. don't just list as ND). Identify the depth of the water table. All data must be in table format as identified in NR 716.15(2)(g)3 and 716.15(2)(h)3, (i.e. do not submit lab data sheets)

NA **(D) Pre-Remedial Soil Sample Location Map(s)** which show the locations of the items from B, above, and the soil sample locations from C, above. Highlight those sample locations which exceed NR 720. Maps should be prepared according to the applicable portions of NR 716.15(2)(h)1. You may submit more than one map.

NA **(E) Pre-Remedial Geologic Cross Section(s)** including source location(s), extent of soil and groundwater contamination, soil sample locations, water table elevation, and bedrock elevation, if encountered. Maps should be prepared according to NR 716.15(2)(g)5-8 and NR 716.15(2)(h)1-2.

NA **(F) Post-Remedial Soil Analytical Results Table(s)** which show the analytical results and sample depths of all of the post-remedial soil samples. Highlight the analyses which exceed NR 720 soil standards. Provide the level of detection for analytical results which are below the detection level (i.e. don't just list as ND). Identify the depth of the water table. All data must be in table format as identified in NR 716.15(2)(g)3 and 716.15(2)(h)3, (i.e. do not submit lab data sheets).

NA **(G) Post-Remedial Soil Sample Location Map(s)** which show the locations of items from B, above, and the soil sample locations from F, above. Highlight those sample locations which exceed NR 720. Maps should be prepared according to the applicable portions of NR 716.15(2)(h)1. You may submit more than one map.

NA **(H) Post-Remedial Geologic Cross Section(s)** including former source location(s), remaining soil contamination, soil sample locations, extent of excavation, water table elevation, and bedrock elevation, if encountered. Maps should be prepared according to NR 716.15(2)(g)5-8 and NR 716.15(2)(h)1-2.

✓ **(I) Groundwater Analytical Results Table(s)** showing all of the site's historical groundwater analytical results in chronological order. Highlight those results which exceeded NR 140 (differentiate between PAL and ES exceedances). All data must be in table format as identified in NR 716.15(2)(g)3 and 716.15(2)(h)3, (i.e. do not submit lab data sheets). Differentiate between pre-remedial, remedial and post-remedial samples (i.e. identify when the groundwater remediation system was active/inactive).

✓ **(J) Groundwater Sample Location Map(s)** which show the locations of the items from B, above, and all of the monitoring wells/sumps/extraction wells/potable wells. Highlight those wells which have PAL or ES exceedances (in the most recent round of sampling, differentiate between PAL and ES). Maps should be prepared according to the applicable portions of NR 716.15(2)(h)1. You may submit more than one map.

NA **(K) Groundwater Contour Map(s)** which show the historical changes in direction, elevation and/or gradient. Provide one map if data is consistent. Maps should be prepared according to the applicable portions of NR 716.15(2)(g)5-8 and NR 716.15(2)(h)1-2.

ATTACHMENT A

CASE SUMMARY AND JUSTIFICATION FOR CLOSURE

ATTACHMENT B

SITE LAYOUT WITH SOIL SAMPLE AND GROUND-WATER SAMPLE LOCATIONS

ATTACHMENT C

PRE-REMEDIAL SOIL ANALYTICAL RESULTS TABLE

ATTACHMENT D

GROUND-WATER ANALYTICAL RESULTS TABLE

ATTACHMENT E

GROUND-WATER LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY

U.S. Analytical Lab

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # E26654

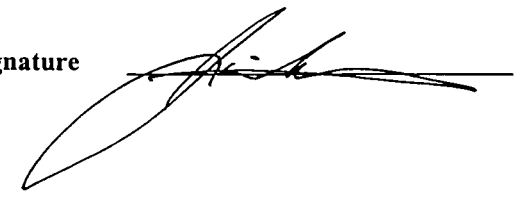
Report Date *16-Aug-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5026654A						**Sample Type** Water			
Sample ID TW300						**Sample Date** 8/4/99			
Organic									
PAH's									
Acenaphthene	0.46	ug/l	0.042	0.14	1	8/13/99	8310	DJM	3
Acenaphthylene	< 1.8	ug/l	1.8	6.1	1	8/13/99	8310	DJM	3
Anthracene	0.17	ug/l	0.037	0.12	1	8/13/99	8310	DJM	1
Benzo(a)anthracene	1.1	ug/l	0.047	0.16	1	8/13/99	8310	DJM	1
Benzo(a)pyrene	2.7	ug/l	0.07	0.23	1	8/13/99	8310	DJM	1
Benzo(b)fluoranthene	1.7	ug/l	0.1	0.33	1	8/13/99	8310	DJM	1
Benzo(g,h,i)perylene	4.2	ug/l	0.22	0.73	1	8/13/99	8310	DJM	1
Benzo(k)fluoranthene	0.82	ug/l	0.043	0.14	1	8/13/99	8310	DJM	1
Chrysene	< 0.14	ug/l	0.14	0.46	1	8/13/99	8310	DJM	1
Dibenzo(a,h)anthracene	< 0.2	ug/l	0.2	0.65	1	8/13/99	8310	DJM	1
Fluoranthene	6.4	ug/l	0.25	0.84	1	8/13/99	8310	DJM	1
Fluorene	< 0.14	ug/l	0.14	0.47	1	8/13/99	8310	DJM	1
Indeno(1,2,3-cd)pyrene	0.86	ug/l	0.17	0.57	1	8/13/99	8310	DJM	1
1-Methyl naphthalene	5.3	ug/l	0.52	1.7	1	8/13/99	8310	DJM	3
2-Methyl naphthalene	6.3	ug/l	0.66	2.2	1	8/13/99	8310	DJM	3
Naphthalene	4.3	ug/l	0.59	2	1	8/13/99	8310	DJM	3
Phenanthrene	2.3	ug/l	0.12	0.39	1	8/13/99	8310	DJM	3
Pyrene	3.5	ug/l	0.074	0.25	1	8/13/99	8310	DJM	1

LOD Limit of Detection "J" Flag: Analyte detected between LOD and LOQ LOQ Limit of Quantitation

Code	*Comment*
1	All laboratory QC requirements were met for this sample.
3	The spike recovery failed to meet acceptable QC limits.

Authorized Signature



1090 Kennedy Ave, Kimberly, WI 54136 * 920-735-8295 * FAX 920-739-1738 * 1-800-490-4902
WI DNR Lab Certification #445027660

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

No: 12614

Northern Environmental℠
Hydrologists • Engineers • Geologists

- [ ] 1214 W. Venture Ct., Mequon, WI 53092, 414-241-3133, FAX 414-241-8222
- [ ] 372 West County Road D, New Brighton, MN 55112, 651-635-9100, FAX 651-635-0643
- [X] 954 Circle Drive, Green Bay, WI 54304, 920-592-8400, FAX 920-592-8444
- [ ] 330 South 4th Avenue, Park Falls, WI 54552, 715-762-1544, FAX 715-762-1844
- [ ] 1203 Storbeck Drive, Waupun, WI 53963, 920-324-8600, FAX 920-324-3023
- [ ] 217 S. 7th Street Suite 208, Brainerd, MN 56401, 218-825-9001, FAX 218-825-9002

Check office originating request

5026654

Project No: / Task No:	MCS030407 0856
Project Location: (city)	Pulaski
Project Manager:	Ed Hoeffele
Sampler: (name)	Luke Cieslewicz
Sampler: (Signature)	[signature]
Sampling Date(s):	8-4-99
Reports to be Sent to:	Luke C
Laboratory:	US Oil
Wisconsin DNR Certification #:	445027660
Laboratory Contact:	J. Stevens
Price Quote:	

TURNAROUND TIME REQUIRED: [X] Normal [ ] Rush

Date Needed: ______

Sample Integrity - To be completed by receiving lab
Seal intact upon receipt [X] yes [ ] no
Method of shipment: car
Contents Temperature: ice °C Refrigerator No. ______

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Water	Soil	Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method)	Pb (EPA Method)
026654 AV	TW300	8-4	830	1-Amber	X			None						X	

Packed for Shipping by: SM

Shipment Date: 8/5/99

Comments: slightly turbid

Relinquished By:	Date:	Relinquished By:	Date:	Relinquished By:	Date:
Sandy Mertens	8/5/99			Leo Huss	8-5-99
Company: NETI	Time: 7:20	Company:	Time:	Company: US OIL	Time: 6:30
Received By: Leo Huss	Date: 8-5-99	Received By:	Date:	Received By: [signature]	Date: 8-5-99
Company: US OIL	Time: 7:20	Company:	Time:	Company:	Time: 15:30

TELEPHONE LOG

SITE NAME: Modern Cleaners **DATE:** 07-27-99

TRACKING NUMBER: 02-05-210423 **TIME:** ~11:30

CONTACT NAME: Ed Hafferle **PHONE:**

COMPANY AGENCY: Northern Environmental

INITIATED BY: KN

WDNR received SIR and believes requesting closure is appropriate. Do need to indicate where the former heating oil tank is on the map.

07-28-99 ~7:30

Left a message for Ed to call me back. After one more look at the gw data WDNR believes an additional round of gw samples should be collected. Benzo(a) pyrene and Benzo(b) fluoranthene concentrations above NR140 ES. Collect one more round to see if the second round are consistent with the first.

SIGNATURE: Kristine Nee

Northern Environmental
Hydrologists • Engineers • Geologists

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

July 20, 1999
(MCS03-0407-0856)

Ms. Karen Skalitski
Modern Cleaners
Post Office Box 558
Pulaski, Wisconsin 54162

RE: Site Investigation of Fuel-Oil and Mineral-Spirits Release, Modern Cleaners, 119 South St. Augustine Street, Pulaski, Wisconsin; BRRTS CASE #03-05-210423

Dear Ms. Skalitski:

Northern Environmental Technologies, Incorporated (Northern Environmental) completed a Site Investigation for Modern Cleaners, a commercial dry cleaning facility at 119 South St. Augustine Street, Pulaski, Wisconsin (the Site), as shown in Figure 1. On October 13, 1998, during a limited Phase II Environmental Site Assessment performed by Northern Environmental, elevated concentrations of gasoline range organics and diesel range organics (DRO) were identified in a soil sample collected from a hand boring (B100) near the dry cleaning room, as shown in Figure 2. According to laboratory personnel at U.S. Oil Analytical Laboratory, the chromatogram for this sample identified two patterns, indicating the contamination detected is typical of a combination of mineral spirits and/or fuel oil. On January 14, 1999, the release was reported to the Wisconsin Department of Natural Resources (WDNR). The WDNR subsequently requested an investigation be performed to determine the extent of the mineral-spirits and/or fuel-oil release in soil and ground water at the Site.

BACKGROUND

The Site is in the northwest quarter of the northwest quarter of Section 6, Township 25 North, Range 19 East in the City of Pulaski, Brown County, Wisconsin. According to the current owner (Karen Skalitzski), the Site has been a commercial dry cleaning facility for at least 70 years. The current owner has owned the Site since 1974. Mineral spirits is the only dry cleaning compound believed to have been used at the Site. During March 1999, Modern Cleaners discontinued dry cleaning services. Currently, the Site is for sale. The focus of this investigation was limited to the area of the Site building where mineral spirits was used, the former dry cleaning machine area inside the building, and the area outside the building adjacent to the dry cleaning machine.

SOIL INVESTIGATION

On April 1, 1999, Northern Environmental completed two KV hand-auger soil borings (B200 and B300) to depths of 6 feet below grade (fbg) and documented the advancement of one Geoprobe® soil boring (B100) to a depth of 12 fbg. Soil boring locations at the Site were dictated by the presence of low-clearance overhead power lines adjacent to the north wall of

the Site building near the property boundary line. Low clearance and inaccessibility within the Site building, along with the proximity of the adjacent building south of the Site building, also influenced the locations of the borings at the Site. The utilization of a KV hand-auger unit and a Geoprobe® were determined to be the most practical method of implementing the soil borings. The soil borings were completed in order to determine the vertical and horizontal extents of soil impacted by the release. In order to evaluate the effect of the release on ground-water quality, B100 and B300 were converted to 1-inch-diameter temporary ground-water monitoring wells (TW100 and TW300). Soil boring locations are shown in Figure 2.

Soil samples were continuously collected from the ground surface to the bottom of the borehole. Each soil sample was described in the field by Northern Environmental personnel. Soil boring logs were prepared on WDNR forms in general conformance to American Society for Testing and Materials Standard Method 2488. The soil boring logs include information on soil type (USCS Classification), color (Munsell notation), relative moisture content, texture, odor, and the presence of volatile constituents as indicated by photoionization detector (PID) responses. The soil boring logs are included as Attachment A. Boring B200 was abandoned by backfilling with bentonite and sealed with concrete immediately after drilling. The WDNR Borehole Abandonment Forms are included as Attachment B.

All hand-auger sampling equipment was cleaned prior to use on site and between each boring. No lubricants or solvents were used on the hand-auger sampling equipment. Sampling devices were washed with a detergent solution (Alconox) and double-rinsed with organic-free tap water between sampling intervals and between each boring.

Soil samples were properly containerized for field-screening and possible laboratory analysis. Soil sample collection, handling, and field-screening procedures followed WDNR guidance. Field screening was performed using a Thermal Environmental Instruments, Incorporated Model 580S or 580B PID outfitted with a 10.6 eV lamp and calibrated daily for direct response to isobutylene.

The soil samples submitted for laboratory analysis were collected at depths of 2 to 4 fbg. Soils at the Site are composed of brown silty sands and silty clay. The samples were submitted under chain-of-custody protocol to U.S. Oil Analytical Laboratory (WDNR Certification #445027660) for analysis of DRO, volatile organic compounds (VOCs), and polynuclear aromatic hydrocarbons (PAH).

Field screening of the soil samples collected produced PID readings from 0 to 376 instrument units as isobutylene. Soil field-screening results are summarized in Table 1. Laboratory analysis results detected concentrations of various VOC and PAH compounds in all three soil samples submitted for laboratory analysis. Petroleum compounds were not detected in excess of Chapter NR 720, Wisconsin Administrative Code (Wis. Adm. Code) generic residual contaminant levels (RCLs) in any of the samples analyzed. Due to the limited volume of soil recovered from soil sampling devises, soil samples collected from B100 and B200 were not analyzed for DRO. Soil laboratory analytical results are presented in Table 2.

GROUNDWATER INVESTIGATION

On April 1, 1999, Northern Environmental converted B100 and B300 to 1-inch temporary ground-water monitoring wells (TW100 and TW300) in order to evaluate the effect of the release on ground-water quality. Monitoring well construction forms and monitoring well variance forms for TW100 and TW300 are included in Attachment C. No permanent monitoring wells were installed at the Site because of inaccessibility to a drill rig. Both wells were developed and sampled between April 6 and 9, 1999. Monitoring well locations are shown in Figure 2.

Based on the review of ground-water elevation data gathered by Environmental Compliance Consultants, Inc. (ECCI) at Brad's Service Station site (LUST ID #05-00819), ground water has been determined to flow to the east-northeast. ECCI also stated that the ground-water flow has varied seasonally, likely due to operation of the ground-water extraction system at Brad's Service Station site, located across St. Augustine Street directly east of the Site. A monitoring well from Brad's Service Station site (MW4) is approximately 70 feet northeast of TW100. Based on the ground-water flow data from Brad's Service Station site, we believe MW4 is downgradient from TW100. During the sampling events between April 6 and 9, 1999, ground-water elevation was measured in TW100, TW300, and MW4. Ground water was measured at approximately 3 to 6 fbg in TW100 and TW300 and at approximately 5 fbg in MW4. According to ECCI report data, laboratory analysis did not detected any VOC of PAH compounds in MW4 during the initial sampling event on December 2, 1994. In addition, seven monitoring events from March 21, 1995, through August 28, 1997, did not detect any petroleum volatile organic compounds in MW4.

All ground-water samples were placed on ice and transported under chain-of-custody protocol to U.S. Oil Analytical Laboratory for analysis. The ground-water samples were analyzed for VOCs, DRO, and PAHs. Laboratory analytical results of the ground-water samples collected during April 1999 detected a DRO of 3,000 and 8,500 micrograms per liter in TW100 and TW300, respectively. Relatively low levels of various VOC and PAH compounds were also detected in both wells. The ground-water laboratory analytical results from TW300 indicated benzo(A)pyrene and benzo(B)flouranthene above NR 140, Wis. Adm. Code enforcement standards (ES). Because TW300 is screened from 1 to 6 fbg, water collected from the well may actually be a combination of ground water and surface water runoff that is trapped around the Site building foundation. Ground water laboratory-analyzed from TW100 did not indicate VOCs or PAHs above Wis. Adm. Code ES. Ground-water analytical results are summarized in Table 3.

CONCLUSIONS

Based on the laboratory results of the soil samples collected from the soil borings, soil containing petroleum compounds at levels above NR 720, Wis. Adm. Code generic RCLs exists under the building near the former dry cleaning room. Petroleum compounds in excess of Wis. Adm. Code RCLs were not detected in soil collected from soil borings north, south, and west of the dry cleaning room. Ground-water contamination above Wis. Adm. Code ES was

detected in TW300 between the Site building and adjacent office building to the south. Based on the ground-water flow information obtained from Brad's Service Station site, it would appear the ground-water contamination is limited to the vicinity of TW300 and laterally to the east-northeast under the Site building. Given the location of the release with respect to on and off-site buildings and the degree of petroleum contamination found at the Site, Northern Environmental does not believe additional investigation is warranted. Northern Environmental recommends case closure forms be prepared for the Site with allowances for a ground-water use restriction and a deed restriction for petroleum-contaminated soil and ground water remaining at the Site.

Please feel free to contact Northern Environmental at 1-800-854-0606 if you have any questions.

Sincerely,

Northern Environmental Technologies, Incorporated

Luke F. Cieslewicz
Environmental Technician

Edward Hoefferle, EIT
Project Manager

LFC/vej
Attachments
c: Ms. Kristin Nell, WDNR

Table 2 Soil Analytical Results, Modern Cleaners, Pulaski, Wisconsin

Boring Number	Sample Number	Sample Depth (feet)	Date Sampled	DRO (mg/kg)	GRO (mg/kg)	Relevent and Significant Analytical Results (µg/kg)																									
						n- Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	1,2-Dichloropropane	Ethylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes	Acenaphthylene	Anthracene	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(K)Fluoranthene	Benzo(G,H,I)Peryiene	Chrysene	Dibenzo(A,H)Anthracene	Fluoranthene	Indeno(1,2,3-CD)Pyrene	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Pyrene
WAC Residual Contaminant Level				(250)	(250)	NE	NE	NE	NE	2900	NE	NE	NE	NE	NE	4100	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
B100	S102	2-4	04/01/99	---	---	1100	780	460	< 25	79	< 25	43	850	450	290	< 75	48 "J"	44 " J"	120	100 "J"	160	100 "J"	92 "J"	160	48 "J"	240	110	33 "J"	44 "J"	44 "J"	130	230
HB100	S103	1-3	10/13/98	26	550	7500	< 25	< 25	< 25	**8100**	2200	310	6700	8800	9400	1300	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B200	S202	2-4	04/01/99	---	---	< 25	< 25	< 25	< 25	< 25	< 25	45	< 25	33	< 25	< 75	39 "J"	< 36	84	90 "J"	120 "J"	93 "J"	83 "J"	110 "J"	30 "J"	180	74	40 "J"	60 "J"	32 "J"	140	170
B300	S302	2-4	04/01/99	< 10	---	550	< 25	< 25	38	57	< 25	100	280	340	72	280	49 "J"	84 "J"	320	330	500	330	240	400	110	560	230	48 "J"	77	100	290	510

Key:

GRO = Gasoline Range Organics

MTBE = Methyl-Tertiary-Butyl-Ether

mg/kg = milligrams per kilogram

µg/kg = micrograms per kilogram

--- = Not Analyzed

NE = Not Established by Wisconsin Administrative Code (WAC)

RCL = Residual Contaminant Level

120 = WAC Residual Contaminant Level Exceeded

s:\proj\mcs\04070856\tables\sla002.xls

Table 3 Ground-Water Analytical Results, Modern Cleaners, Pulaski, Wisconsin

Well ID	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/l)																									
			DRO	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Isopropylbenzene	p-isopropyltoluene	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzene	Xylenes	Acenapthene	Anthracene	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(K)Fluoranthene	Benzo(G,H,I)Perylene	Dibenzo(A,H)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-CD)Pyrene	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Pyrene
WAC PAL (µg/l)			NE	NE	NE	NE	NE	NE	8	NE	68.6	96	124	NE	600	NE	0.02	0.02	NE	NE	NE	80	80	NE	NE	NE	8	NE	50
WAC ES (µg/l)			NE	NE	NE	NE	NE	NE	40	NE	343	480	620	NE	3000	NE	0.2	0.2	NE	NE	NE	400	400	NE	NE	NE	40	NE	250
TW100	4/6&8/1999	5025159A	3000	14	4.9	< 0.33	1.9	4.3	2 "J"	6	14	25.2	< 0.98	< 0.042	< 0.037	< 0.047	< 0.07	< 0.1	0.09 "J"	< 0.22	< 0.2	< 0.25	0.23 "J"	< 0.17	< 0.52	< 0.66	0.8 "J"	0.22	< 0.074
TW300	4/6&9/1999	5025159B	8500	12	1.3	1 "J"	< 0.34	2.2	< 0.88	0.77 "J"	< 0.35	7.9	0.75 "J"	1.5	0.24	0.78	**1.3**	**1**	0.45	1.5	1.6	5	0.38 "J"	0.32 "J"	7.8	6.4	5	1.6	1.6

Key:

DRO = Diesel Range Organics
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
32 = WAC Preventive Action Limit Exceeded
32 = WAC Enforcement Standard Exceeded

ATTACHMENT A

WDNR SOIL BORING LOGS
(FORM 4400-122)

SOIL BORING LOG INFORMATION

Remediation/Redevelopment X Other ( )

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Modern Cleaners		B100

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
EDS - Craig Plant	4/1/99	4/1/99	Geoprobe

WI Unique Well No	DNR Well ID No	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		TW100	Feet MSL	Feet MSL	1 Inches

Boring Location or Local Grid Origin (Check if estimated: ☐)
State Plane S/C/N
NW 1/4 of NW 1/4 of Section 6, T 25N, R 19
Lat. ° ' "
Long. ° ' "
Local Grid Location (If applicable)
☐ N ☐ E
Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Brown	05	City of Pulaski

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
02	6		1-3	Brown Sand w/ trace Medium size gravel, No Odor, moist	SW			7						
			4	Top 8" - SAA										
03	18		5-6	Middle 4" - Black organic silty clay Bottom 6" - Black sandy silt, No Odor, wet	OL			24						
04	16		7	Top 4" - Brown med. sand-wet	SW			16						
			8	Bottom 12" - Fine sandy clay, grey/Black, moist	CL									
05	14		9-10	Reddish Brown silty clay Brittle, w/ trace medium Subrounded pebbles, moist, No Odor				1						
06	12		11	SAA				0						
07	12		12	SAA				0						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel:
	Northern Environmental 954 Circle Drive Green Bay, Wisconsin 54304	(920) 592-8400 Fax: (920) 592-8444

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completions of this form is mandatory. Failure to file this form may result in forfeiture of between ~~$10 and $25~~,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Remediation Redevelopment ☐ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Modern Cleaners		B200

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
NETI - Luke Ciesiewicz	4/1/99	4/1/99	KV

WI Unique Well No	DNR Well ID No	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	1 Inches

Boring Location or Local Grid Origin (Check if estimated ☐)
State Plane S/C/N
NW 1/4 of NW 1/4 of Section 6, T 25 N, R 19
Lat. ° ' "
Long. ° ' "
Local Grid Location (If applicable)
Feet ☐ N ☐ E
Feet ☐ S ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Brown	05	City of Pulaski

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S201	12		1	Black Organic silt, moist, No odor	OL			0						
S202	20		3	Brown silty sand w/ clay, moist, No odor	SC			0						
S3	18		5	Brown Sandy clay, moist to wet, No odor				0						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	
	Northern Environmental 954 Circle Drive Green Bay, Wisconsin 54304	Tel: (920) 592-8400 Fax: (920) 592-8444

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completions of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of [illegible]

SOIL BORING LOG INFORMATION

Remediation Redevelopment ☐ Other ( )

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Modern Cleaners		B300

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
WETI - Luke Ciesiewicz	4/1/99	4/1/99	KV

WI Unique Well No	DNR Well ID No	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		TW300	Feet MSL	Feet MSL	1 Inches

Boring Location or Local Grid Origin (Check if estimated: ☐)
State Plane S/C/N
NW 1/4 of NW 1/4 of Section 6, T 25 N, R 19
Lat. ° ' "
Long. ° ' "
Local Grid Location (If applicable)
☐ N ☐ E
Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Brown	05	City of Pulaski

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
301	24		1	Black Organic silt w/ trace sand, moist, No odor	OL			0						
302	24		3	Dark Brown silty clay, moist, No odor	CL			0						
303	24		5	Black silty sand w/ large gravel, wet, Diesel odor.	SP			376						
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm		
[signature]	Northern Environmental 954 Circle Drive Green Bay, Wisconsin 54304	Tel: (920) 592-8400 Fax: (920) 592-8444

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completions of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

ATTACHMENT B

WDNR BOREHOLE ABANDONMENT FORMS
(FORM 3300-5B)

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Brown

NW 1/4 of NW 1/4 of Sec. 6 ; T. 25 N; R. 19 ☒ E ☐ W

(If applicable) Gov't Lot ____ Grid Number ____

Grid Location ____ ft. ☐ N. ☐ S., ____ ft. ☐ E. ☐ W.

Civil Town Name

Street Address of Well: 119 South St Augustine Street

City, Village: City of Pulaski

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Modern Cleaners

Street or Route: 119 South St. Augustine Street

City, State, Zip Code: Pulaski, WI 54162

Facility Well No./and/or Name (If Applicable): B200

WI Unique Well No.: _____

Reason For Abandonment: Boring complete

Date of Abandonment: 4-1-99

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 4-1-99

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) KV-sand boring

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 6 (From groundsurface) Casing Diameter (ins.) ____

Casing Depth (ft.) ____

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ____ Feet

(4) Depth to Water (Feet) ____

Pump & Piping Removed? ☐ Yes ☐ No ☐ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ☐ Not Applicable
Screen Removed? ☐ Yes ☐ No ☐ Not Applicable
Casing Left in Place? ☐ Yes ☐ No
If No, Explain ____

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ☒ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ☒ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials — For monitoring wells and monitoring well boreholes only
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☒ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8" Bentonite chips	Surface	6	1/4	

(8) Comments: ____

(9) Name of Person or Firm Doing Sealing Work: Luke Cieslewicz, NET I

Signature of Person Doing Work: [signature] Date Signed: 4-2-99

Street or Route: 954 Circle Dr. Telephone Number: (920) 592-8406

City, State, Zip Code: Green Bay, WI 54304

DNR/COUNTY

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

ATTACHMENT C

MONITORING WELL CONSTRUCTION FORM & VARIANCE APPLICATION

ue of Wisconsin
partment of Natural Resources

MONITORING WELL CONSTRUCTION
Form 4400-113A 8-89

cility/Project Name: Motor Coach 2
cility License, Permit or Monitoring Number:

Grid Location: ft. ☐ N. ☐ S. ; ft. ☐ E. ☐ W.

Well Name: TW100
Wis. Unique Well Number: DNR Well Number:

pe of Well: Water Table Observation Well ☒ 11; Piezometer ☐ 12

Section Location: NW 1/4 of NW 1/4 of Section 6, T 25 N, R 19 ☒ E ☐ W

Date Well Installed: 04/01/99 (m m / d d / y y)

stance Well Is From Waste/Source Boundary: 20 ft.

Well Installed By: (Person's Name and Firm): Environmental Drilling Inc. Craig Plaut

Well A Point of Enforcement Std. Application? ☐ Yes ☐ No

Location of Well Relative to Waste/Source: ☐ Upgradient ☐ Sidegradient ☒ Downgradient ☐ Not Known

Protective pipe, top elevation _____ ft. MSL
Well casing, top elevation _____ ft. MSL
and surface elevation _____ ft. MSL
Surface seal, bottom _____ ft. MSL or 1.0 ft.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
   a. Inside diameter: 8.0 in.
   b. Length: 1.0 ft.
   c. Material: Steel ☒ 04; Other ☐ __
   d. Additional protection? ☐ Yes ☒ No
   If yes, describe: _____
3. Surface seal: Bentonite ☒ 30; Concrete ☐ 01; Other ☐ __
4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐; Other ☐ __
5. Annular space seal: Granular Bentonite ☒ 33
   _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
   _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
   _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
   _____ Ft^3 volume added for any of the above
   How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☒ 08
6. Bentonite seal: Bentonite granules ☒ 33; ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32; Other ☐ __
7. Fine sand material: Manufacturer, product name and mesh size
   _____
   Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name and mesh size
   Badger Mining 20/40 Fine
   Volume added 0 ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ __
10. Screen material: Sch 40 PVC
    Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ __
    Manufacturer _____
    Slot size: 0.020 in.
    Slotted length: 5.0 ft.
11. Backfill material (below filter pack): None ☒; Other ☐

. USCS classification of soil near screen:
☐ GP ☐ GM ☐ GC ☐ GW ☐ SW ☒ SP
☐ SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH
☐ Bedrock

Sieve analysis attached? ☐ Yes ☒ No

Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☐ 41; Geoprobe; Other ☒ __

Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☒ 99

Drilling additives used? ☐ Yes ☒ No

Describe _____

Source of water (attach analysis): _____

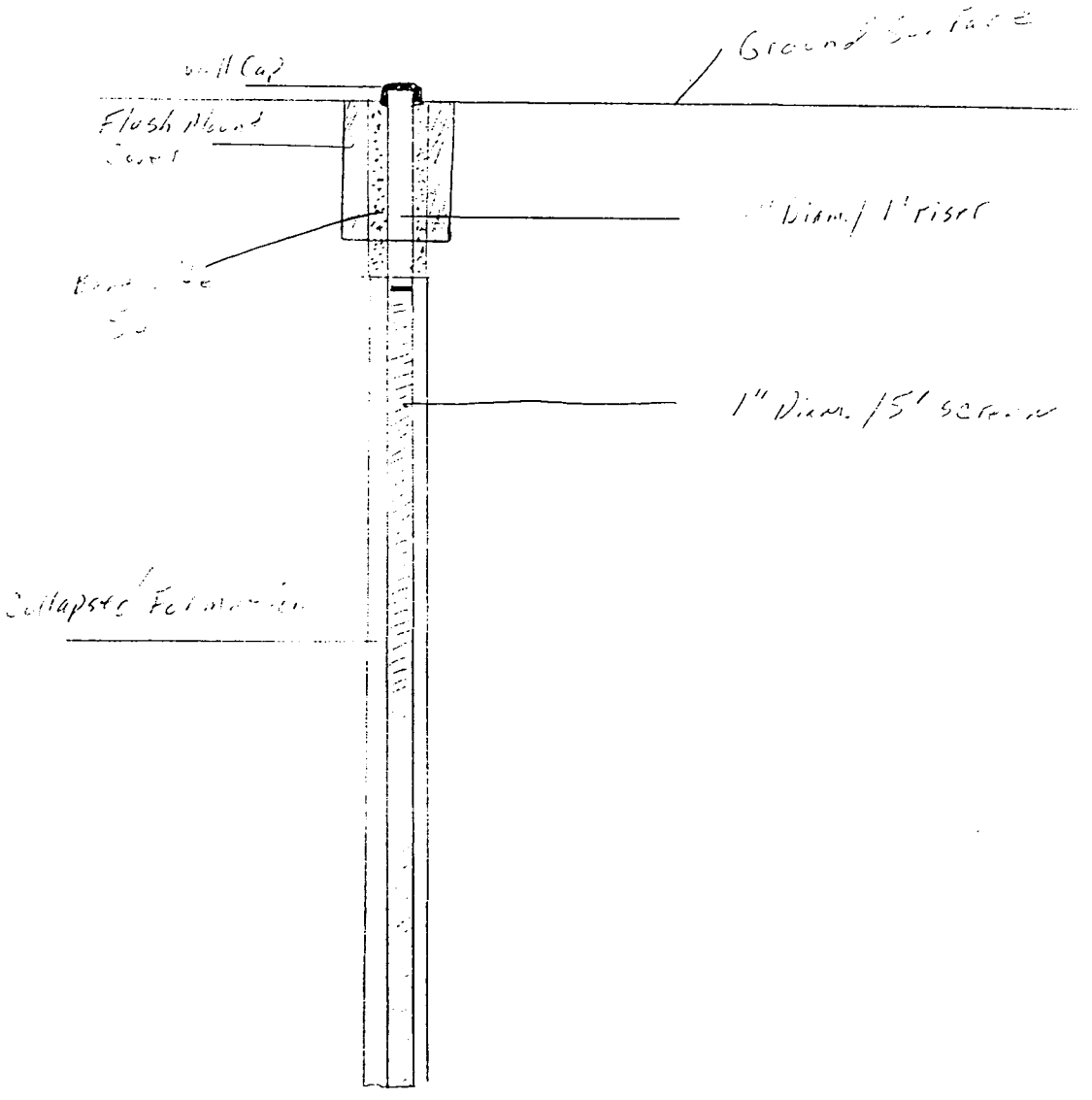
entonite seal, top _____ ft. MSL or 1.0 ft.
ne sand, top _____ ft. MSL or 3.0 ft.
ilter pack, top _____ ft. MSL or 3.0 ft.
ell screen, top _____ ft. MSL or 5.0 ft.
ell screen, bottom _____ ft. MSL or 12.0 ft.
ilter pack, bottom _____ ft. MSL or 12.0 ft.
orehole, bottom _____ ft. MSL or 12.0 ft.
orehole, diameter 1.5 in.
D.D. well casing 1.0 in.
D. well casing 1.0 in.

reby certify that the information on this form is true and correct to the best of my knowledge.

ature: [signature] Firm: NETI

e complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with 44, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5,000 for each day of violation. In accordance ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation.
E: Shaded areas are for DNR use only. See instructions for more information.

TW-CC Construction



Northeast Region - WDNR
Monitoring Well Variance Application
(Revised 5-1-98)

This is a request for a variance to Department of Natural Resources Chapter NR 141 Groundwater Monitoring Well Requirements.

1) This request is being made by Luke [illegible] of
(Representative)
[illegible] on behalf of
(Firm Name)
[illegible]
(Facility or Project name Where Wells Are Bring Installed)

a) Representative Phone Number: 920-[illegible]
b) Representative Fax Number: 920-593-8414
c) Firm's Address: 954 Circle Drive, Green Bay WI
d) Date Application Being Made: 4-4-99

2) This facility (project) is located at:

Name: Modern Cleaners
Address: 119 South St Augustine Street
Location: ¼, NW ¼, NW ¼, Section 6, T 25, R 19
Township Name: Pulaski
City: Pulaski
County: Brown

3) Suspected Source Identification (check and make applicable note - L.U.S.T., Non-LUST, etc.):

Above ground	Yes___ No___	_____
Subsurface	Yes___ No___	_____
Environmental Assessment (Ie: Property Tranfer)	Yes X No___	_____

4) Variance Type (indicate all wells, by well number as it is the well and not the site that is varianced):

Shallow groundwater	(yes)/no	number of wells 2	well names TW300, TW100
Flush mount	yes/no	number of wells___	well names_____
Other (described below)		number of wells___	well names_____

TW 300 = 1" Diameter to 6' feet Below grade

TW 100 = 1" Diameter to 12' feet Below grade

5) Anticipated dates of well installation: 4-1-97

Wisconsin Department of Natural Resources Administrative Code NR 141 contains requirements that may effect shallow groundwater monitoring wells, flush-mount constructions, bentonite chips, and numerous other items. If you do not have a copy of Chapter NR 141, please request one for use with this variance request.

6) Specify by number which section (s) within NR 141 the variance is requested for.

Example for flush-mount and shallow water table variance request:

Variance Request	Existing NR 141 Section Number(s)
Flush-Mount	NR 141.13(4)
Shallow Water Table	NR 141.11(2) NR 141.13(1) NR 141.13(2) NR 141.13(3)(a)(b)

Variance Request	Existing NR 141 Section Number(s)	Reason/ Intended Alternate Construction
Shallow Water Table	NR 141.11(2)	Kv testing
"	NR 141.13(1)	"
"	NR 141.13(2)	"
"	NR 141.19(1)	" / Geoprobe

7) If your well cannot be constructed within the requirements of NR 141. Submit this completed form with an attached drawing and additional description if applicable, and a separate variance will be reviewed and considered. A copy of this form will be returned with your drawing and/or some alternate construction criteria with attachments to constitute your variance.

8) For Northeast Region WDNR NR 141 variances only, please submit this form to:

Richard Stoll, Regional Hydrogeologist
Department of Natural Resources
1125 N. Military Avenue, Box 10448
Green Bay, WI 54307-0448

WDNR Approval _____ Date _____
Regional Hydrogeologist

cc:

ATTACHMENT D

LABORATORY ANALYSIS REPORTS
AND
CHAIN-OF-CUSTODY RECORDS

U.S. Analytical Lab

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # I25116

Report Date *15-Apr-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5025116A						**Sample Type** Soil			
Sample ID S102						**Sample Date** 4/1/99			
Inorganic									
General									
Solids Percent	80.9	%			1	4/5/99	5021	RMB	1
Organic									
PAH's									
Acenaphthene	< 21	ug/kg	21	70	1	4/7/99	M8270	DJM	1
Acenaphthylene	48 "J"	ug/kg	24	80	1	4/7/99	M8270	DJM	1
Anthracene	44 "J"	ug/kg	36	120	1	4/7/99	M8270	DJM	1
Benzo(a)anthracene	120	ug/kg	23	77	1	4/7/99	M8270	DJM	1
Benzo(a)pyrene	100 "J"	ug/kg	34	110	1	4/7/99	M8270	DJM	1
Benzo(b)fluoranthene	160	ug/kg	46	150	1	4/7/99	M8270	DJM	1
Benzo(g,h,i)perylene	92 "J"	ug/kg	29	100	1	4/7/99	M8270	DJM	1
Benzo(k)fluoranthene	100 "J"	ug/kg	48	160	1	4/7/99	M8270	DJM	1
Chrysene	160	ug/kg	42	140	1	4/7/99	M8270	DJM	1
Dibenzo(a,h)anthracene	48 "J"	ug/kg	18	60	1	4/7/99	M8270	DJM	1
Fluoranthene	240	ug/kg	38	130	1	4/7/99	M8270	DJM	1
Fluorene	< 47	ug/kg	47	160	1	4/7/99	M8270	DJM	1
Indeno(1,2,3-cd)pyrene	110	ug/kg	18	60	1	4/7/99	M8270	DJM	1
1-Methyl naphthalene	33 "J"	ug/kg	31	100	1	4/7/99	M8270	DJM	1
2-Methyl naphthalene	43 "J"	ug/kg	21	70	1	4/7/99	M8270	DJM	1
Naphthalene	44 "J"	ug/kg	30	100	1	4/7/99	M8270	DJM	1
Phenanthrene	130	ug/kg	35	120	1	4/7/99	M8270	DJM	1
Pyrene	230	ug/kg	45	150	1	4/7/99	M8270	DJM	1
VOC's									
Benzene	< 25	ug/kg	5.9	20	1	4/8/99	8021A	CJR	1
Bromobenzene	< 25	ug/kg	3.1	10	1	4/8/99	8021A	CJR	1
Bromodichloromethane	< 25	ug/kg	2.7	8.9	1	4/8/99	8021A	CJR	1
tert-Butylbenzene	460	ug/kg	2.3	7.7	1	4/8/99	8021A	CJR	1
sec-Butylbenzene	780	ug/kg	4.8	16	1	4/8/99	8021A	CJR	1
n-Butylbenzene	1100	ug/kg	2.5	8.4	1	4/8/99	8021A	CJR	1
Carbon Tetrachloride	< 25	ug/kg	2.2	7.2	1	4/8/99	8021A	CJR	1
Chlorobenzene	< 25	ug/kg	2.5	8.2	1	4/8/99	8021A	CJR	1
Chloroethane	< 25	ug/kg	5	17	1	4/8/99	8021A	CJR	2
Chloroform	< 25	ug/kg	2.8	9.2	1	4/8/99	8021A	CJR	1
Chloromethane	< 25	ug/kg	7.3	24	1	4/8/99	8021A	CJR	4
2-Chlorotoluene	< 25	ug/kg	2.4	7.9	1	4/8/99	8021A	CJR	1

U.S. Analytical Lab

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # E25116

Report Date *15-Apr-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5025116A						**Sample Type** Soil			
Sample ID S102						**Sample Date** 4/1/99			
4-Chlorotoluene	< 25	ug/kg	2.3	7.8	1	4/8/99	8021A	CJR	1
2,2-DCP, cis-1,2-Dichloroethene	< 25	ug/kg	4.1	14	1	4/8/99	8021A	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	2.1	7.1	1	4/8/99	8021A	CJR	1
Dibromochloromethane	< 25	ug/kg	2	6.7	1	4/8/99	8021A	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	2.2	7.2	1	4/8/99	8021A	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	2.2	7.4	1	4/8/99	8021A	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	2.2	7.2	1	4/8/99	8021A	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	4.3	14	1	4/8/99	8021A	CJR	1
1,2-Dichloroethane	< 25	ug/kg	2.7	9.1	1	4/8/99	8021A	CJR	1
1,1-Dichloroethane	< 25	ug/kg	2.3	7.6	1	4/8/99	8021A	CJR	1
1,1-Dichloroethene	< 25	ug/kg	2.2	7.5	1	4/8/99	8021A	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	2.8	9.3	1	4/8/99	8021A	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	3.5	12	1	4/8/99	8021A	CJR	1
1,2-Dichloropropane	< 25	ug/kg	2.4	8	1	4/8/99	8021A	CJR	1
1,3-Dichloropropane	< 25	ug/kg	2.2	7.3	1	4/8/99	8021A	CJR	1
Di-isopropyl ether	< 25	ug/kg	3.9	13	1	4/8/99	8021A	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	4.2	14	1	4/8/99	8021A	CJR	1
Ethylbenzene	79	ug/kg	6.2	11	1	4/8/99	8021A	CJR	1
Hexachlorobutadiene	< 25	ug/kg	4.8	16	1	4/8/99	8021A	CJR	1
Isopropylbenzene	< 25	ug/kg	5	17	1	4/8/99	8021A	CJR	1
p-Isopropyltoluene	< 25	ug/kg	3.4	11	1	4/8/99	8021A	CJR	1
Methylene chloride	< 25	ug/kg	3.3	11	1	4/8/99	8021A	CJR	1
MTBE	< 25	ug/kg	7	23	1	4/8/99	8021A	CJR	2
Naphthalene	43	ug/kg	7	23	1	4/8/99	8021A	CJR	1
n-Propylbenzene	850	ug/kg	2.8	9.2	1	4/8/99	8021A	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.1	24	1	4/8/99	8021A	CJR	2
Tetrachloroethene	< 25	ug/kg	3.6	12	1	4/8/99	8021A	CJR	1
Toluene	< 25	ug/kg	5.1	17	1	4/8/99	8021A	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	5.1	17	1	4/8/99	8021A	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	5.4	18	1	4/8/99	8021A	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	2.3	7.6	1	4/8/99	8021A	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	2	6.7	1	4/8/99	8021A	CJR	1
Trichloroethene	< 25	ug/kg	4.6	15	1	4/8/99	8021A	CJR	1
Trichlorofluoromethane	< 25	ug/kg	19	65	1	4/8/99	8021A	CJR	3,4
1,2,4-Trimethylbenzene	450	ug/kg	2.4	8	1	4/8/99	8021A	CJR	1
1,3,5-Trimethylbenzene	290	ug/kg	3.8	13	1	4/8/99	8021A	CJR	1
Vinyl Chloride	< 25	ug/kg	4.7	16	1	4/8/99	8021A	CJR	1

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # E25116

Report Date *15-Apr-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5025116A						**Sample Type** Soil			
Sample ID S102						**Sample Date** 4/1/99			
m&p-Xylene	< 50	ug/kg	5.6	19	1	4/8/99	8021A	CJR	1
o-Xylene	< 25	ug/kg	2.7	9	1	4/8/99	8021A	CJR	1
Lab Code 5025116B						**Sample Type** Soil			
Sample ID S202						**Sample Date** 4/1/99			
Inorganic									
General									
Solids Percent	87.4	%			1	4/5/99	5021	RMB	1
Organic									
PAH's									
Acenaphthene	< 21	ug/kg	21	70	1	4/7/99	M8270	DJM	1
Acenaphthylene	39 "J"	ug/kg	24	80	1	4/7/99	M8270	DJM	1
Anthracene	< 36	ug/kg	36	120	1	4/7/99	M8270	DJM	1
Benzo(a)anthracene	84	ug/kg	23	77	1	4/7/99	M8270	DJM	1
Benzo(a)pyrene	90 "J"	ug/kg	34	110	1	4/7/99	M8270	DJM	1
Benzo(b)fluoranthene	120 "J"	ug/kg	46	150	1	4/7/99	M8270	DJM	1
Benzo(g,h,i)perylene	83 "J"	ug/kg	29	100	1	4/7/99	M8270	DJM	1
Benzo(k)fluoranthene	93 "J"	ug/kg	48	160	1	4/7/99	M8270	DJM	1
Chrysene	110 "J"	ug/kg	42	140	1	4/7/99	M8270	DJM	1
Dibenzo(a,h)anthracene	30 "J"	ug/kg	18	60	1	4/7/99	M8270	DJM	1
Fluoranthene	180	ug/kg	38	130	1	4/7/99	M8270	DJM	1
Fluorene	< 47	ug/kg	47	160	1	4/7/99	M8270	DJM	1
Indeno(1,2,3-cd)pyrene	74	ug/kg	18	60	1	4/7/99	M8270	DJM	1
1-Methyl naphthalene	40 "J"	ug/kg	31	100	1	4/7/99	M8270	DJM	1
2-Methyl naphthalene	60 "J"	ug/kg	21	70	1	4/7/99	M8270	DJM	1
Naphthalene	32 "J"	ug/kg	30	100	1	4/7/99	M8270	DJM	1
Phenanthrene	140	ug/kg	35	120	1	4/7/99	M8270	DJM	1
Pyrene	170	ug/kg	45	150	1	4/7/99	M8270	DJM	1
VOC's									
Benzene	< 25	ug/kg	5.9	20	1	4/12/99	8021A	CJR	1
Bromobenzene	< 25	ug/kg	3.1	10	1	4/12/99	8021A	CJR	1
Bromodichloromethane	< 25	ug/kg	2.7	8.9	1	4/12/99	8021A	CJR	1
tert-Butylbenzene	< 25	ug/kg	2.3	7.7	1	4/12/99	8021A	CJR	1
sec-Butylbenzene	< 25	ug/kg	4.8	16	1	4/12/99	8021A	CJR	1
n-Butylbenzene	< 25	ug/kg	2.5	8.4	1	4/12/99	8021A	CJR	1
Carbon Tetrachloride	< 25	ug/kg	2.2	7.2	1	4/12/99	8021A	CJR	1

U.S. Analytical Lab

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
054 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # E25116

Report Date 15-Apr-99

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5025116B						**Sample Type** Soil			
Sample ID S202						**Sample Date** 4/1/99			
Chlorobenzene	< 25	ug/kg	2.5	8.2	1	4/12/99	8021A	CJR	1
Chloroethane	< 25	ug/kg	5	17	1	4/12/99	8021A	CJR	1
Chloroform	< 25	ug/kg	2.8	9.2	1	4/12/99	8021A	CJR	1
Chloromethane	< 25	ug/kg	7.3	24	1	4/12/99	8021A	CJR	4
2-Chlorotoluene	< 25	ug/kg	2.4	7.9	1	4/12/99	8021A	CJR	1
4-Chlorotoluene	< 25	ug/kg	2.3	7.8	1	4/12/99	8021A	CJR	1
2,2-DCP, cis-1,2-Dichloroethene	< 25	ug/kg	4.1	14	1	4/12/99	8021A	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	2.1	7.1	1	4/12/99	8021A	CJR	1
Dibromochloromethane	< 25	ug/kg	2	6.7	1	4/12/99	8021A	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	2.2	7.2	1	4/12/99	8021A	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	2.2	7.4	1	4/12/99	8021A	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	2.2	7.2	1	4/12/99	8021A	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	4.3	14	1	4/12/99	8021A	CJR	3,4
1,2-Dichloroethane	< 25	ug/kg	2.7	9.1	1	4/12/99	8021A	CJR	1
1,1-Dichloroethane	< 25	ug/kg	2.3	7.6	1	4/12/99	8021A	CJR	1
1,1-Dichloroethene	< 25	ug/kg	2.2	7.5	1	4/12/99	8021A	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	2.8	9.3	1	4/12/99	8021A	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	3.5	12	1	4/12/99	8021A	CJR	1
1,2-Dichloropropane	< 25	ug/kg	2.4	8	1	4/12/99	8021A	CJR	1
1,3-Dichloropropane	< 25	ug/kg	2.2	7.3	1	4/12/99	8021A	CJR	1
Di-isopropyl ether	< 25	ug/kg	3.9	13	1	4/12/99	8021A	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	4.2	14	1	4/12/99	8021A	CJR	1
Ethylbenzene	< 25	ug/kg	6.2	11	1	4/12/99	8021A	CJR	1
Hexachlorobutadiene	< 25	ug/kg	4.8	16	1	4/12/99	8021A	CJR	1
Isopropylbenzene	< 25	ug/kg	5	17	1	4/12/99	8021A	CJR	1
p-Isopropyltoluene	< 25	ug/kg	3.4	11	1	4/12/99	8021A	CJR	1
Methylene chloride	< 25	ug/kg	3.3	11	1	4/12/99	8021A	CJR	1
MTBE	< 25	ug/kg	7	23	1	4/12/99	8021A	CJR	1
Naphthalene	45	ug/kg	7	23	1	4/12/99	8021A	CJR	1
n-Propylbenzene	< 25	ug/kg	2.8	9.2	1	4/12/99	8021A	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.1	24	1	4/12/99	8021A	CJR	1
Tetrachloroethene	< 25	ug/kg	3.6	12	1	4/12/99	8021A	CJR	1
Toluene	< 25	ug/kg	5.1	17	1	4/12/99	8021A	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	5.1	17	1	4/12/99	8021A	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	5.4	18	1	4/12/99	8021A	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	2.3	7.6	1	4/12/99	8021A	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	2	6.7	1	4/12/99	8021A	CJR	1

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # E25116

Report Date 15-Apr-99

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5025116B						**Sample Type** Soil			
Sample ID S202						**Sample Date** 4/1/99			
Trichloroethene	< 25	ug/kg	4.6	15	1	4/12/99	8021A	CJR	1
Trichlorofluoromethane	< 25	ug/kg	19	65	1	4/12/99	8021A	CJR	1
1,2,4-Trimethylbenzene	33	ug/kg	2.4	8	1	4/12/99	8021A	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	13	1	4/12/99	8021A	CJR	1
Vinyl Chloride	< 25	ug/kg	4.7	16	1	4/12/99	8021A	CJR	1
m&p-Xylene	< 50	ug/kg	5.6	19	1	4/12/99	8021A	CJR	1
o-Xylene	< 25	ug/kg	2.7	9	1	4/12/99	8021A	CJR	1
Lab Code 5025116C						**Sample Type** Soil			
Sample ID S302						**Sample Date** 4/1/99			
Inorganic									
General									
Solids Percent	83.0	%			1	4/5/99	5021	RMB	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	0.22	0.73	1	4/6/99	DRO95	BNR	1
PAH's									
Acenaphthene	< 21	ug/kg	21	70	1	4/7/99	M8270	DJM	1
Acenaphthylene	49 "J"	ug/kg	24	80	1	4/7/99	M8270	DJM	1
Anthracene	84 "J"	ug/kg	36	120	1	4/7/99	M8270	DJM	1
Benzo(a)anthracene	320	ug/kg	23	77	1	4/7/99	M8270	DJM	1
Benzo(a)pyrene	330	ug/kg	34	110	1	4/7/99	M8270	DJM	1
Benzo(b)fluoranthene	500	ug/kg	46	150	1	4/7/99	M8270	DJM	1
Benzo(g,h,i)perylene	240	ug/kg	29	100	1	4/7/99	M8270	DJM	1
Benzo(k)fluoranthene	330	ug/kg	48	160	1	4/7/99	M8270	DJM	1
Chrysene	400	ug/kg	42	140	1	4/7/99	M8270	DJM	1
Dibenzo(a,h)anthracene	110	ug/kg	18	60	1	4/7/99	M8270	DJM	1
Fluoranthene	560	ug/kg	38	130	1	4/7/99	M8270	DJM	1
Fluorene	< 47	ug/kg	47	160	1	4/7/99	M8270	DJM	1
Indeno(1,2,3-cd)pyrene	230	ug/kg	18	60	1	4/7/99	M8270	DJM	1
1-Methyl naphthalene	48 "J"	ug/kg	31	100	1	4/7/99	M8270	DJM	1
2-Methyl naphthalene	77	ug/kg	21	70	1	4/7/99	M8270	DJM	1
Naphthalene	110	ug/kg	30	100	1	4/7/99	M8270	DJM	1
Phenanthrene	290	ug/kg	35	120	1	4/7/99	M8270	DJM	1
Pyrene	510	ug/kg	45	150	1	4/7/99	M8270	DJM	1
VOC's									

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
054 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # E25116

Report Date *15-Apr-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5025116C						**Sample Type** Soil			
Sample ID S302						**Sample Date** 4/1/99			
Benzene	< 25	ug/kg	5.9	20	1	4/9/99	8021A	CJR	1
Bromobenzene	< 25	ug/kg	3.1	10	1	4/9/99	8021A	CJR	1
Bromodichloromethane	< 25	ug/kg	2.7	8.9	1	4/9/99	8021A	CJR	1
tert-Butylbenzene	< 25	ug/kg	2.3	7.7	1	4/9/99	8021A	CJR	1
sec-Butylbenzene	< 25	ug/kg	4.8	16	1	4/9/99	8021A	CJR	1
n-Butylbenzene	550	ug/kg	2.5	8.4	1	4/9/99	8021A	CJR	1
Carbon Tetrachloride	< 25	ug/kg	2.2	7.2	1	4/9/99	8021A	CJR	1
Chlorobenzene	< 25	ug/kg	2.5	8.2	1	4/9/99	8021A	CJR	1
Chloroethane	< 25	ug/kg	5	17	1	4/9/99	8021A	CJR	2
Chloroform	< 25	ug/kg	2.8	9.2	1	4/9/99	8021A	CJR	1
Chloromethane	< 25	ug/kg	7.3	24	1	4/9/99	8021A	CJR	4
2-Chlorotoluene	< 25	ug/kg	2.4	7.9	1	4/9/99	8021A	CJR	1
4-Chlorotoluene	< 25	ug/kg	2.3	7.8	1	4/9/99	8021A	CJR	1
2,2-DCP, cis-1,2-Dichloroethene	< 25	ug/kg	4.1	14	1	4/9/99	8021A	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	2.1	7.1	1	4/9/99	8021A	CJR	1
Dibromochloromethane	< 25	ug/kg	2	6.7	1	4/9/99	8021A	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	2.2	7.2	1	4/9/99	8021A	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	2.2	7.4	1	4/9/99	8021A	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	2.2	7.2	1	4/9/99	8021A	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	4.3	14	1	4/9/99	8021A	CJR	1
1,2-Dichloroethane	< 25	ug/kg	2.7	9.1	1	4/9/99	8021A	CJR	1
1,1-Dichloroethane	< 25	ug/kg	2.3	7.6	1	4/9/99	8021A	CJR	1
1,1-Dichloroethene	< 25	ug/kg	2.2	7.5	1	4/9/99	8021A	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	2.8	9.3	1	4/9/99	8021A	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	3.5	12	1	4/9/99	8021A	CJR	1
1,2-Dichloropropane	38	ug/kg	2.4	8	1	4/9/99	8021A	CJR	1
1,3-Dichloropropane	< 25	ug/kg	2.2	7.3	1	4/9/99	8021A	CJR	1
Di-isopropyl ether	< 25	ug/kg	3.9	13	1	4/9/99	8021A	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	4.2	14	1	4/9/99	8021A	CJR	1
Ethylbenzene	57	ug/kg	6.2	11	1	4/9/99	8021A	CJR	1
Hexachlorobutadiene	< 25	ug/kg	4.8	16	1	4/9/99	8021A	CJR	1
Isopropylbenzene	< 25	ug/kg	5	17	1	4/9/99	8021A	CJR	1
p-Isopropyltoluene	< 25	ug/kg	3.4	11	1	4/9/99	8021A	CJR	1
Methylene chloride	< 25	ug/kg	3.3	11	1	4/9/99	8021A	CJR	1
MTBE	< 25	ug/kg	7	23	1	4/9/99	8021A	CJR	2
Naphthalene	100	ug/kg	7	23	1	4/9/99	8021A	CJR	1
n-Propylbenzene	280	ug/kg	2.8	9.2	1	4/9/99	8021A	CJR	1

U.S. Analytical Lab

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # E25116

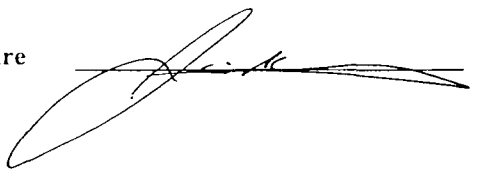
Report Date *15-Apr-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5025116C						**Sample Type** Soil			
Sample ID S302						**Sample Date** 4/1/99			
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.1	24	1	4/9/99	8021A	CJR	2
Tetrachloroethene	< 25	ug/kg	3.6	12	1	4/9/99	8021A	CJR	1
Toluene	< 25	ug/kg	5.1	17	1	4/9/99	8021A	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	5.1	17	1	4/9/99	8021A	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	5.4	18	1	4/9/99	8021A	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	2.3	7.6	1	4/9/99	8021A	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	2	6.7	1	4/9/99	8021A	CJR	1
Trichloroethene	< 25	ug/kg	4.6	15	1	4/9/99	8021A	CJR	1
Trichlorofluoromethane	< 25	ug/kg	19	65	1	4/9/99	8021A	CJR	3,4
1,2,4-Trimethylbenzene	340	ug/kg	2.4	8	1	4/9/99	8021A	CJR	1
1,3,5-Trimethylbenzene	72	ug/kg	3.8	13	1	4/9/99	8021A	CJR	1
Vinyl Chloride	< 25	ug/kg	4.7	16	1	4/9/99	8021A	CJR	1
m&p-Xylene	140	ug/kg	5.6	19	1	4/9/99	8021A	CJR	1
o-Xylene	140	ug/kg	2.7	9	1	4/9/99	8021A	CJR	1

LOD Limit of Detection "J" Flag: Analyte detected between LOD and LOQ LOQ Limit of Quantitation

Code	*Comment*
1	All laboratory QC requirements were met for this sample.
2	The duplicate RPD failed to meet acceptable QC limits.
3	The spike recovery failed to meet acceptable QC limits.
4	The check standard failed to meet acceptable QC limits.

Authorized Signature



Northern Environmental℠

No. 10864

☐ 1214 W. Venture Ct. Mequon, WI 53092 414-241-3133 FAX 414-241-8222	☐ 372 West County Road D New Brighton, MN 55112 612-635-9100 FAX 612-635-0643	☒ 954 Circle Driver Green Bay, WI 54304 920-592-8400 FAX 920-592-8444	☐ 330 South 4th Avenue Park Falls, WI 54552 715-762-1544 FAX 715-762-1844	☐ 1203 Storbeck Drive Waupun, WI 53963 920-324-8600 FAX 920-324-3023	☐ 217 S. 7th Street Brainerd, MN 564 218-825-90 FAX 218-825-90

Check office originating request

5025116 RTE

Project No: MCS03040 Task No: 708256 2000	Laboratory: USOil	Sample Integrity - To be completed by receiving lab	
Project Location: (city) Pulaski	Wisconsin DNR Certification #: 445027666	Seal intact upon receipt ☐ yes ☐ no	
Project Manager: Ed Hoffer Le	Laboratory Contact: J. Stevens	Method of shipment Courier	
Sampler: (name) Luke Cieslewicz	Price Quote:	Contents Temperature ICR C Refrigerator No	SM
Sampler: (Signature)	TURNAROUND TIME REQUIRED ☒ Normal ☐ Rush	ANALYSES REQUESTED	
Sampling Date(s): 4-1-99			
Reports to be Sent to: Luke	Date Needed		

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method
5116A*	S102	4-1	920	2-40.1/1.2oz/1.40z.	X		None	X				X	X	
B*	S202	"	945	" " " "	X		"	X				X	X	
C	S302	"	1050	" " " "	X		"	X				X	X	
D	S303	4-1	1040	" " "	X		"	X				X	X	Cancel
E	S103	4-1	924	" " "	X		"	X				X	X	Cancel

Packed for Shipping by: Michael B. Rozwadowski

Shipment Date: 4-2-99

Comments: Hold S303 until next week. S103

* Cancel DRO on S102, S202 per ED.H 9/5/99

4/06/99 Cancel S303 and S103 per LC. CLR

Relinquished By: Michael B Rozwadowski	Date: 4-2-99	Relinquished By:	Date:	Relinquished By: Lee Huss	Date: 4-2-99
Company: Northern Environmental	Time: 0715	Company:	Time:	Company: US OIL	Time: 4:40
Received By: Lee Huss	Date: 4-2-99	Received By:	Date:	Received By: Scott Pepin	Date: 4/2/99
Company: US OIL	Time: 7:15	Company:	Time:	Company:	Time: 440

U.S. Analytical Lab

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # E25159

Report Date *14-Apr-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5025159A						**Sample Type** Water			
Sample ID TW100						**Sample Date** 4/6/99			
Organic									
General									
Diesel Range Organics	3000	ug/l	5.5	18	1	4/9/99	DRO95	BNR	29 45
VOC's									
Benzene	< 0.32	ug/l	0.32	1.1	1	4/11/99	8021A	DRL	1
Bromobenzene	< 0.32	ug/l	0.32	1.1	1	4/11/99	8021A	DRL	1
Bromochloromethane	< 0.38	ug/l	0.38	1.3	1	4/11/99	8021A	DRL	1
tert-Butylbenzene	< 0.33	ug/l	0.33	1.1	1	4/11/99	8021A	DRL	1
sec-Butylbenzene	4.9	ug/l	0.34	1.1	1	4/11/99	8021A	DRL	1
n-Butylbenzene	14	ug/l	0.23	0.78	1	4/11/99	8021A	DRL	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.6	1	4/11/99	8021A	DRL	1
Chlorobenzene	< 0.31	ug/l	0.31	1	1	4/11/99	8021A	DRL	1
Chloroethane	< 0.13	ug/l	0.13	0.42	1	4/11/99	8021A	DRL	3 4
Chloroform	< 0.4	ug/l	0.4	1.3	1	4/11/99	8021A	DRL	1
Chloromethane	< 0.18	ug/l	0.18	0.59	1	4/11/99	8021A	DRL	3 4
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	4/11/99	8021A	DRL	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	4/11/99	8021A	DRL	1
1,2-Dibromo-3-chloropropane	< 0.22	ug/l	0.22	0.73	1	4/11/99	8021A	DRL	1
Dibromochloromethane	< 0.37	ug/l	0.37	1.2	1	4/11/99	8021A	DRL	1
1,4-Dichlorobenzene	< 0.28	ug/l	0.28	0.92	1	4/11/99	8021A	DRL	1
1,2-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	4/11/99	8021A	DRL	1
Dichlorodifluoromethane	< 0.28	ug/l	0.28	0.92	1	4/11/99	8021A	DRL	3 4
1,2-Dichloroethane	< 0.36	ug/l	0.36	1.2	1	4/11/99	8021A	DRL	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.3	1	4/11/99	8021A	DRL	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.3	1	4/11/99	8021A	DRL	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.1	1	4/11/99	8021A	DRL	1
trans-1,2-Dichloroethene	< 0.38	ug/l	0.38	1.3	1	4/11/99	8021A	DRL	1
1,2-Dichloropropane	< 0.38	ug/l	0.38	1.3	1	4/11/99	8021A	DRL	1
2,2-Dichloropropane	< 0.56	ug/l	0.56	1.9	1	4/11/99	8021A	DRL	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.94	1	4/11/99	8021A	DRL	1
Di-isopropyl ether	< 0.32	ug/l	0.32	1.1	1	4/11/99	8021A	DRL	1
EDB (1,2-Dibromoethane)	< 0.35	ug/l	0.35	1.2	1	4/11/99	8021A	DRL	1
Ethylbenzene	< 0.34	ug/l	0.34	1.1	1	4/11/99	8021A	DRL	1
Hexachlorobutadiene	< 0.27	ug/l	0.27	0.91	1	4/11/99	8021A	DRL	1
Isopropylbenzene	1.9	ug/l	0.34	1.1	1	4/11/99	8021A	DRL	1
p-Isopropyltoluene	4.3	ug/l	0.31	1	1	4/11/99	8021A	DRL	1

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # E25159

Report Date 14-Apr-99

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5025159A						**Sample Type** Water			
Sample ID TW100						**Sample Date** 4/6/99			
Methylene chloride	< 0.29	ug/l	0.29	1	1	4/11/99	8021A	DRL	1
MTBE	< 0.31	ug/l	0.31	1	1	4/11/99	8021A	DRL	1
Naphthalene	2 "J"	ug/l	0.88	2.9	1	4/11/99	8021A	DRL	1
n-Propylbenzene	6	ug/l	0.3	1	1	4/11/99	8021A	DRL	1
1,1,2,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.2	1	4/11/99	8021A	DRL	3
1,3-DCP, Tetrachloroethene	< 0.75	ug/l	0.75	2.5	1	4/11/99	8021A	DRL	1
Tetrachloroethene	< 0.35	ug/l	0.35	1.2	1	4/11/99	8021A	DRL	1
Toluene	14	ug/l	0.35	1.2	1	4/11/99	8021A	DRL	1
1,2,4-Trichlorobenzene	< 0.41	ug/l	0.41	1.4	1	4/11/99	8021A	DRL	1
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	4/11/99	8021A	DRL	1
1,1,1-Trichloroethane	< 0.45	ug/l	0.45	1.5	1	4/11/99	8021A	DRL	1
1,1,2-Trichloroethane	< 0.37	ug/l	0.37	1.2	1	4/11/99	8021A	DRL	1
Trichloroethene	< 0.48	ug/l	0.48	1.6	1	4/11/99	8021A	DRL	1
Trichlorofluoromethane	< 0.15	ug/l	0.15	0.5	1	4/11/99	8021A	DRL	1
1,2,4-Trimethylbenzene	18	ug/l	0.35	1.2	1	4/11/99	8021A	DRL	1
1,3,5-Trimethylbenzene	7.2	ug/l	0.64	2.1	1	4/11/99	8021A	DRL	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.49	1	4/11/99	8021A	DRL	3 4
m&p-Xylene	< 0.66	ug/l	0.66	2.2	1	4/11/99	8021A	DRL	1
o-Xylene	< 0.32	ug/l	0.32	1.1	1	4/11/99	8021A	DRL	1
Lab Code 5025159B						**Sample Type** Water			
Sample ID TW300						**Sample Date** 4/6/99			
Organic									
General									
Diesel Range Organics	8500	ug/l	11	36	2	4/9/99	DRO95	BNR	29 43
VOC's									
Benzene	< 0.32	ug/l	0.32	1.1	1	4/11/99	8021A	DRL	1
Bromobenzene	< 0.32	ug/l	0.32	1.1	1	4/11/99	8021A	DRL	1
Bromochloromethane	< 0.38	ug/l	0.38	1.3	1	4/11/99	8021A	DRL	1
tert-Butylbenzene	1 "J"	ug/l	0.33	1.1	1	4/11/99	8021A	DRL	1
sec-Butylbenzene	1.3	ug/l	0.34	1.1	1	4/11/99	8021A	DRL	1
n-Butylbenzene	12	ug/l	0.23	0.78	1	4/11/99	8021A	DRL	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.6	1	4/11/99	8021A	DRL	1
Chlorobenzene	< 0.31	ug/l	0.31	1	1	4/11/99	8021A	DRL	1
Chloroethane	< 0.13	ug/l	0.13	0.42	1	4/11/99	8021A	DRL	3 4
Chloroform	< 0.4	ug/l	0.4	1.3	1	4/11/99	8021A	DRL	1

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # I25159

Report Date *14-Apr-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5025159B						**Sample Type** Water			
Sample ID TW300						**Sample Date** 4/6/99			
Chloromethane	< 0.18	ug/l	0.18	0.59	1	4/11/99	8021A	DRL	3,4
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	4/11/99	8021A	DRL	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	4/11/99	8021A	DRL	1
1,2-Dibromo-3-chloropropane	< 0.22	ug/l	0.22	0.73	1	4/11/99	8021A	DRL	1
Dibromochloromethane	< 0.37	ug/l	0.37	1.2	1	4/11/99	8021A	DRL	1
1,4-Dichlorobenzene	< 0.28	ug/l	0.28	0.92	1	4/11/99	8021A	DRL	1
1,2-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	4/11/99	8021A	DRL	1
Dichlorodifluoromethane	< 0.28	ug/l	0.28	0.92	1	4/11/99	8021A	DRL	3,4
1,2-Dichloroethane	< 0.36	ug/l	0.36	1.2	1	4/11/99	8021A	DRL	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.3	1	4/11/99	8021A	DRL	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.3	1	4/11/99	8021A	DRL	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.1	1	4/11/99	8021A	DRL	1
trans-1,2-Dichloroethene	< 0.38	ug/l	0.38	1.3	1	4/11/99	8021A	DRL	1
1,2-Dichloropropane	< 0.38	ug/l	0.38	1.3	1	4/11/99	8021A	DRL	1
2,2-Dichloropropane	< 0.56	ug/l	0.56	1.9	1	4/11/99	8021A	DRL	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.94	1	4/11/99	8021A	DRL	1
Di-isopropyl ether	< 0.32	ug/l	0.32	1.1	1	4/11/99	8021A	DRL	1
EDB (1,2-Dibromoethane)	< 0.35	ug/l	0.35	1.2	1	4/11/99	8021A	DRL	1
Ethylbenzene	< 0.34	ug/l	0.34	1.1	1	4/11/99	8021A	DRL	1
Hexachlorobutadiene	< 0.27	ug/l	0.27	0.91	1	4/11/99	8021A	DRL	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.1	1	4/11/99	8021A	DRL	1
p-Isopropyltoluene	2.2	ug/l	0.31	1	1	4/11/99	8021A	DRL	1
Methylene chloride	< 0.29	ug/l	0.29	1	1	4/11/99	8021A	DRL	1
MTBE	< 0.31	ug/l	0.31	1	1	4/11/99	8021A	DRL	1
Naphthalene	< 0.88	ug/l	0.88	2.9	1	4/11/99	8021A	DRL	1
n-Propylbenzene	0.77 "J"	ug/l	0.3	1	1	4/11/99	8021A	DRL	1
1,1,2,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.2	1	4/11/99	8021A	DRL	3
1,3-DCP, Tetrachloroethene	< 0.75	ug/l	0.75	2.5	1	4/11/99	8021A	DRL	1
Tetrachloroethene	< 0.35	ug/l	0.35	1.2	1	4/11/99	8021A	DRL	1
Toluene	< 0.35	ug/l	0.35	1.2	1	4/11/99	8021A	DRL	1
1,2,4-Trichlorobenzene	< 0.41	ug/l	0.41	1.4	1	4/11/99	8021A	DRL	1
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	4/11/99	8021A	DRL	1
1,1,1-Trichloroethane	< 0.45	ug/l	0.45	1.5	1	4/11/99	8021A	DRL	1
1,1,2-Trichloroethane	< 0.37	ug/l	0.37	1.2	1	4/11/99	8021A	DRL	1
Trichloroethene	< 0.48	ug/l	0.48	1.6	1	4/11/99	8021A	DRL	1
Trichlorofluoromethane	< 0.15	ug/l	0.15	0.5	1	4/11/99	8021A	DRL	1
1,2,4-Trimethylbenzene	1.5	ug/l	0.35	1.2	1	4/11/99	8021A	DRL	1

U.S. Analytical Lab

UKE CIESLEWICZ
:ORTHERN ENVIRONMENTAL
54 CIRCLE DRIVE
;REEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # E25159

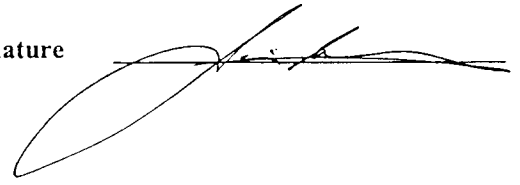
:eport Date *14-Apr-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5025159B						**Sample Type** Water			
Sample ID TW300						**Sample Date** 4/6/99			
1,3,5-Trimethylbenzene	6.4	ug/l	0.64	2.1	1	4/11/99	8021A	DRL	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.49	1	4/11/99	8021A	DRL	3 4
m&p-Xylene	< 0.66	ug/l	0.66	2.2	1	4/11/99	8021A	DRL	1
o-Xylene	0.75 "J"	ug/l	0.32	1.1	1	4/11/99	8021A	DRL	1

LOD Limit of Detection "J" Flag: Analyte detected between LOD and LOQ LOQ Limit of Quantitation

Code	*Comment*
1	All laboratory QC requirements were met for this sample.
3	The spike recovery failed to meet acceptable QC limits.
4	The check standard failed to meet acceptable QC limits.
29	Sample pH adjusted by lab to the method specified level.
43	Chromatogram indicates possible gasoline contamination.
45	Chromatogram indicates possible gasoline and lube oil contamination.

Authorized Signature



CHAIN OF CUSTODY RECORD/REQUEST FOR ANALYSIS

10378

Northern Environmental

☐ 1214 W. Venture Ct. Mequon, WI 53092 414-241-3133 FAX 414-241-8222	☐ 372 West County Road D New Brighton, MN 55112 612-635-9100 FAX 612-635-0643	☒ 954 Circle Driver Green Bay, WI 54304 920-592-8400 FAX 920-592-8444	☐ 330 South 4th Avenue Park Falls, WI 54552 715-762-1544 FAX 715-762-1844	☐ 1203 Storbeck Drive Waupun, WI 53963 920-324-8600 FAX 920-324-3023

Check office originating request

5025159

Project No: MCS03040708516 Task No:		Laboratory: US Oil	
Project Location (city): Pulaski		Wisconsin DNR Certification #: 445027660	
Project Manager: Ed Hoffer Ke		Laboratory Contact: J Stevens	
Sampler: (name) Luke Cieslewicz		Price Quote:	
Sampler: (Signature)		TURNAROUND TIME REQUIRED ☒ Normal ☐ Rush	
Sampling Date(s): 4-6-99			
Reports to be Sent to: Luke C		Date Needed	

Sample Integrity - To be completed by receiving lab
Seal intact upon receipt ☒ yes ☐ no
Method of shipment Courier
Contents Temperature ice C Refrigerator No

SAP

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method
025159 A	TW100	4-6	1100	7-40ml/1L Amb	X			HCl	X				X		
025159 BL	TW300	"	1120	1 1	X			"	X				X		

Packed for Shipping by: SM

Shipment Date: 4-7-99

Comments: DRO sample bottles are not Full, due to Temp well construction.

Relinquished By:	Date: 4-7-99	Relinquished By:	Date: 4-7-99	Relinquished By	Date
Company: NETI	Time: 7:05	Company: US Oil	Time: 2:00	Company	Time
Received By:	Date: 4-7-99	Received By:	Date: 4.7.99	Received By	Date
Company: US Oil	Time: 7:05	Company:	Time: 2:00	Company	Time

U.S. Analytical Lab

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
254 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # E25186

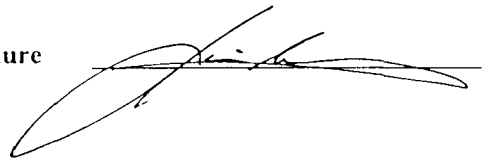
Report Date *16-Apr-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code	5025186A					**Sample Type**	Water		
Sample ID	TW100					**Sample Date**	4/8/99		
Organic									
PAH's									
Acenaphthene	< 0.042	ug/l	0.042	0.14	1	4/15/99	8310	TJW	1
Acenaphthylene	< 1.8	ug/l	1.8	6.1	1	4/15/99	8310	TJW	1
Anthracene	< 0.037	ug/l	0.037	0.12	1	4/15/99	8310	TJW	1
Benzo(a)anthracene	< 0.047	ug/l	0.047	0.16	1	4/15/99	8310	TJW	1
Benzo(a)pyrene	< 0.07	ug/l	0.07	0.23	1	4/15/99	8310	TJW	1
Benzo(b)fluoranthene	< 0.1	ug/l	0.1	0.33	1	4/15/99	8310	TJW	1
Benzo(g,h,i)perylene	< 0.22	ug/l	0.22	0.73	1	4/15/99	8310	TJW	1
Benzo(k)fluoranthene	0.09 "J"	ug/l	0.043	0.14	1	4/15/99	8310	TJW	1
Chrysene	< 0.14	ug/l	0.14	0.46	1	4/15/99	8310	TJW	1
Dibenzo(a,h)anthracene	< 0.2	ug/l	0.2	0.65	1	4/15/99	8310	TJW	1
Fluoranthene	< 0.25	ug/l	0.25	0.84	1	4/15/99	8310	TJW	1
Fluorene	0.23 "J"	ug/l	0.14	0.47	1	4/15/99	8310	TJW	3
Indeno(1,2,3-cd)pyrene	< 0.17	ug/l	0.17	0.57	1	4/15/99	8310	TJW	1
1-Methyl naphthalene	< 0.52	ug/l	0.52	1.7	1	4/15/99	8310	TJW	1
2-Methyl naphthalene	< 0.66	ug/l	0.66	2.2	1	4/15/99	8310	TJW	1
Naphthalene	0.8 "J"	ug/l	0.59	2	1	4/15/99	8310	TJW	1
Phenanthrene	0.22	ug/l	0.058	0.2	1	4/15/99	8310	TJW	5
Pyrene	< 0.074	ug/l	0.074	0.25	1	4/15/99	8310	TJW	1

LOD Limit of Detection "J" Flag: Analyte detected between LOD and LOQ LOQ Limit of Quantitation

Code	*Comment*
1	All laboratory QC requirements were met for this sample.
3	The spike recovery failed to meet acceptable QC limits.
5	The blank failed to meet acceptable QC limits.

Authorized Signature



Northern Environmental℠

No 10379

☐ 1214 W. Venture Ct. Mequon, WI 53092 414-241-3133 FAX 414-241-8222

☐ 372 West County Road D New Brighton, MN 55112 612-635-9100 FAX 612-635-0643

☒ 954 Circle Driver Green Bay, WI 54304 920-592-8400 FAX 920-592-8444

☐ 330 South 4th Avenue Park Falls, WI 54552 715-762-1544 FAX 715-762-1844

☐ 1203 Storbeck Drive Waupun, WI 53963 920-324-8600 FAX 920-324-3023

☐ 217 S. 7th Street Brainerd, MN 564.. 218-825-900. FAX 218-825-90..

Check office originating request

5025186

Project No: MCS03040	Task No: 70856	Laboratory: US Oil	
Project Location: (city)	Pulaski	Wisconsin DNR Certification #:	445027660
Project Manager	Ed Hutforle	Laboratory Contact:	J. Stevens
Sampler: (name)	L. K. Modlewski	Price Quote:	
Sampler: (Signature)	[signature]		
Sampling Date(s):	4-8-99		
Reports to be Sent to:		Date Needed	

TURNAROUND TIME REQUIRED

☒ Normal ☐ Rush

Sample Integrity - To be completed by receiving lab

Seal intact upon receipt ☒ yes ☐ no

Method of shipment Courier

Contents Temperature Ice C Refrigerator No

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Water	Soil	Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method
5025186 A	Tw100	4-8	910	1-1 liter	X			None						X	

Packed for Shipping by:

Shipment Date:

Comments:

Relinquished By: Stacy L Krings	Date: 4-9-99	Relinquished By:	Date:	Relinquished By: Leo Huss	Date: 4-9-99
Company: Northern Envir Tech.	Time: 7:30	Company:	Time:	Company: US OIL	Time: 4:15
Received By: Leo Huss	Date: 4-9-99	Received By:	Date:	Received By: Scott Degen	Date: 4/9/99
Company: US OIL	Time: 7:30	Company:	Time:	Company: US Oil	Time: 415

U.S. Analytical Lab

LUKE CIESLEWICZ
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # MCS03-0407-0856
Project Name PULASKI
Invoice # E25198

Report Date *16-Apr-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5025198A						**Sample Type** Water			
Sample ID TW300						**Sample Date** 4/9/99			
Organic									
PAH's									
Acenaphthene	1.5	ug/l	0.042	0.14	1	4/15/99	8310	TJW	1
Acenaphthylene	< 1.8	ug/l	1.8	6.1	1	4/15/99	8310	TJW	1
Anthracene	0.24	ug/l	0.037	0.12	1	4/15/99	8310	TJW	1
Benzo(a)anthracene	0.78	ug/l	0.047	0.16	1	4/15/99	8310	TJW	1
Benzo(a)pyrene	1.3	ug/l	0.07	0.23	1	4/15/99	8310	TJW	1
Benzo(b)fluoranthene	1	ug/l	0.1	0.33	1	4/15/99	8310	TJW	1
Benzo(g,h,i)perylene	1.5	ug/l	0.22	0.73	1	4/15/99	8310	TJW	1
Benzo(k)fluoranthene	0.45	ug/l	0.043	0.14	1	4/15/99	8310	TJW	1
Chrysene	< 0.14	ug/l	0.14	0.46	1	4/15/99	8310	TJW	1
Dibenzo(a,h)anthracene	1.6	ug/l	0.2	0.65	1	4/15/99	8310	TJW	1
Fluoranthene	5	ug/l	0.25	0.84	1	4/15/99	8310	TJW	1
Fluorene	0.38 "J"	ug/l	0.14	0.47	1	4/15/99	8310	TJW	3
Indeno(1,2,3-cd)pyrene	0.32 "J"	ug/l	0.17	0.57	1	4/15/99	8310	TJW	1
1-Methyl naphthalene	7.8	ug/l	0.52	1.7	1	4/15/99	8310	TJW	1
2-Methyl naphthalene	6.4	ug/l	0.66	2.2	1	4/15/99	8310	TJW	1
Naphthalene	5	ug/l	0.59	2	1	4/15/99	8310	TJW	1
Phenanthrene	1.6	ug/l	0.058	0.2	1	4/15/99	8310	TJW	5
Pyrene	1.6	ug/l	0.074	0.25	1	4/15/99	8310	TJW	1

LOD Limit of Detection "J" Flag: Analyte detected between LOD and LOQ LOQ Limit of Quantitation

Code	*Comment*
1	All laboratory QC requirements were met for this sample.
3	The spike recovery failed to meet acceptable QC limits.
5	The blank failed to meet acceptable QC limits.

Authorized Signature

CHAIN OF CUSTODY RECORD REQUEST FO[illegible]NALYSIS

Northern Environmental™

No. 10382

1214 W. Venture Ct.
Mequon, WI 53092
414-241-3133
FAX 414-241-8222

372 West County Road D
New Brighton, MN 55112
612-635-9100
FAX 612-635-0643

954 Circle Driver
Green Bay, WI 54304
920-592-8400
FAX 920-592-8444

330 South 4th Avenue
Park Falls, WI 54552
715-762-1544
FAX 715-762-1844

1203 Storbeck Drive
Waupun, WI 53963
920-324-8600
FAX 920-324-3023

[illegible] S. 7th Street
Brainerd, MN 564[illegible]
218-829-9[illegible]
FAX 218-829-[illegible]

Check office originating request

5025198 xy

Project No: Task No:	MCS0304070856	Laboratory:	VSOIL
Project Location (city)	Pulaski	Wisconsin DNR Certification #:	44/5027600
Project Manager	Ed Hoefferle	Laboratory Contact:	Jim Stearns
Sampler (name)	Luke Cieslewicz	Price Quote:	
Sampler (Signature)		TURNAROUND TIME REQUIRED	
Sampling Date(s):	4-9-99	[X] Normal [ ] Rush	
Reports to be Sent to:	Luke C	Date Needed	

Sample Integrity - To be completed by receiving lab
Seal intact upon receipt [X] yes [ ] no
Method of shipment courier
Contents Temperature ice C Refrigerator No. xy

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method
5025198 A	TW300	4-9-99	625	1-Aber	X			None						X	

Packed for Shipping by: Sin

Shipment Date: 4-12-99

Comments:

Relinquished By:		Date: 4-12-99	Relinquished By:		Date: 4-12-99	Relinquished By	Date
Company: NETI		Time: 7.00	Company: USEC		Time: 3:55	Company	Time
Received By:		Date: 4-12-99	Received By:		Date: 4.12.99	Received By	Date
Company: USEC		Time: 7.00	Company:		Time: 3:55	Company	Time

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
William R. Selbig, Regional Director

Remediation and Redevelopment
1125 North Military Avenue
P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5916
FAX 920-492-5859
TDD 920-492-5812

March 22, 1999

Ms. Karen Skalitzky
P.O. Box 558
Pulaski, WI 54162

SUBJECT: Acknowledgment of Receipt/Notice to Proceed
Modern Cleaners, 119 South St. Augustine Street, Pulaski, WI
WDNR ERP Case #: 02-05-210423

Dear Ms. Skalitzky:

On March 17, 1999, the Wisconsin Department of Natural Resources received *Site Investigation Workplan Fuel Oil and Mineral Spirits Release* prepared by Northern Environmental. This letter will serve as your "Notice to Proceed" with the proposed workplan provided the following two conditions are met.

1. Soil samples are to be laboratory analyzed for Diesel Range Organics (DRO), Volatile Organic Compounds (VOCs) and Polynuclear Aromatic Hydrocarbons (PAHs).

2. Groundwater samples are to be laboratory analyzed for VOCs and PAHs.

Please be aware that you are required to comply with all applicable statutes and administrative rules including the NR 700 series, Wisconsin Administrative Code (effective May 1, 1994), hazardous waste management and wastewater discharges.

Please be aware that this letter does not represent Department "certification" that any response actions taken at your property, such as site investigation, remedial action or case closure under the ch. NR 700 series, are "approved by the Department," as those terms are used in the "remediated property; purchaser liability" section of the hazardous substance discharge law, s. 292.11, Stats.

Please submit a letter documenting the progress of this case to the Department within 90 days of receipt of this notice.

If you have any questions, please feel free to contact me at (920) 492-5943.

Sincerely,

Kristin Nell
Hydrogeologist

cc: Edward Hoefferle, Northern Environmental – Green Bay

LETTER OF TRANSMITTAL

Northern Environmental℠
Hydrologists • Engineers • Geologists

954 Circle Drive
Green Bay, Wisconsin 54304

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

DATE 3/15/99	PROJECT NO. MCS03 0407-0856
ATTENTION KAREN	
RE completed site investigation workplan	
BRRTS # 02-05-210423	

TO: Ms. Karen Skalitzky
P.O. Box 558
Pulaski, WI 54162

WE ARE SENDING YOU

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

COPIES	DESCRIPTION
1	Site investigation workplan, Modern Cleaners, 119 S. Augustine Street, Pulaski

RECEIVED
MAR 17 1999
LMD SOLID WASTE

THESE ARE TRANSMITTED (see code)

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

REMARKS: Enclosed, please find the completed site investigation workplan for the Modern Cleaners property. We will schedule monitoring well drilling/install for early April, 1999

COPY TO: Kristin Nell (WDNR)

SIGNED: Ed Hoffmann

SITE INVESTIGATION WORKPLAN
FUEL OIL AND MINERAL SPIRITS RELEASE

MODERN CLEANERS
119 SOUTH ST. AUGUSTINE STREET
PULASKI, WISCONSIN

(BRRTS CASE #03-05-210423)

March 15, 1999

RECEIVED
MAR 17 1999
LMD SOLID WASTE

Northern Environmental
Hydrologists • Engineers • Geologists

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

SITE INVESTIGATION WORKPLAN
FUEL OIL AND MINERAL SPIRITS RELEASE

MODERN CLEANERS
119 SOUTH ST. AUGUSTINE STREET
PULASKI, WISCONSIN

(BRRTS CASE #02-05-210423)

March 15, 1999

Prepared For:

Modern Cleaners
Ms. Karen Skalitsky
Post Office Box 558
Pulaski, Wisconsin 54162

Prepared By:

Northern Environmental Technologies, Incorporated
954 Circle Drive
Green Bay, Wisconsin 54304

Project Number: MCS-03-0407-0856

Luke Cieslewicz
Environmental Technician

Edward J. Hoefferle, EIT
Project Coordinator

LFC/bmg

TABLE OF CONTENTS

FIGURES

WISCONSIN • Milwaukee • Green Bay • Waupun • Park Falls **ILLINOIS** • Northbrook **CANADA** • Calgary
MINNESOTA • St. Paul • Brainerd • Rochester **MICHIGAN** • Detroit

Northern Environmental
Hydrologists • Engineers • Geologists

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

1.0 EXECUTIVE SUMMARY

This workplan describes Northern Environmental Technologies, Incorporated's (Northern Environmental's) proposed technical approach to perform a site investigation at Modern Cleaners, 119 S. St. Augustine, Pulaski, Wisconsin (the Site). During a limited Phase II Environmental Site Assessment, elevated concentrations of gasoline range organics, diesel range organics, and ethylbenzene were identified in a soil sample collected beneath the dry cleaning machines. According to laboratory personnel, the chromatogram for this sample identified two patterns indicating the contamination detected is typical of a combination of mineral spirits and/or fuel oil. The release was reported to the Wisconsin Department of Natural Resources (WDNR). The WDNR subsequently requested an investigation be performed to determine the extent of the mineral spirits and/or fuel oil release in soil and ground water at the Site.

Environmental consulting services will be provided by Northern Environmental's Green Bay office. The objectives of the proposed investigation are to identify the nature and extent of the identified released mineral spirits and/or fuel oil and to provide information necessary to develop a corrective action strategy, ultimately resulting in an expedient site closure. We propose a phased process to investigate and remediate the released petroleum. Soil borings and ground-water monitoring wells will be used to identify the magnitude and extent of the released compounds and to provide geologic and hydrogeologic information at the Site. The data may be used to recommend an appropriate remedial action. The selected remedial action will be designed to achieve closure in a timely manner while minimizing cost.

2.0 INTRODUCTION AND BACKGROUND INFORMATION

On behalf of Modern Cleaners, Northern Environmental Technologies, Incorporated (Northern Environmental) has prepared a workplan to conduct a site investigation associated with a dry cleaning facility at South St. Augustine Street, Pulaski, Wisconsin (the Site). The Site is in the northwest quarter of the northwest quarter of Section 6, Township 25 North, Range 19 East in the City of Pulaski, Brown County, Wisconsin (see Figure 1).

According to the current owners (Skalitzkys), the Site has been a commercial dry-cleaning facility for at least 50 years. The current owners have owned the property since 1974. Based on information obtained from the current owners, mineral spirits is the only known dry-cleaning compound believed to have been used at the facility.

In October 1998, Northern Environmental conducted a limited Phase II Environmental Site Assessment (ESA) at the Site in anticipation of the sale of the property. Laboratory analysis of a soil sample collected from a hand boring beneath the dry-cleaning machines identified concentrations of gasoline range organics at 550 milligrams per kilogram (mg/kg), diesel range organics (DRO) at 26 mg/kg, and ethylbenzene at 8100 micrograms per kilogram. No other volatile organic compounds were detected above NR 720, Wisconsin Administrative Code (Wis. Adm. Code) generic residual contaminant levels. According to laboratory personnel, the chromatogram for this sample identified two patterns of a combination of mineral spirits and/or fuel oil (Ricker, 1998). Based on the laboratory analytical results, a release was reported to the Wisconsin Department of Natural Resources (WDNR). The WDNR requested an investigation be performed to determine the extent of the identified petroleum release and subsequent remedial action to restore the environment, as necessary. The WDNR assigned an identification number of 02-05-210423 to the Site. The site layout is depicted in Figure 2. The focus of this investigation will be limited to the dry-cleaning machine area inside the building and the area outside of the building adjacent to the dry-cleaning machine.

3.0 EXISTING DATA REVIEW

As part of the site investigation, existing background information from previous investigations, local geology and hydrogeology, locations of nearby water supply wells, potential migration pathways, and other pertinent information that can better direct site investigation field activities were reviewed. Information regarding local geology and hydrogeology was obtained from a review of available literature and WDNR case files and is presented below. Site scoping information required in Section NR 716.07, Wis. Adm. Code, is also presented below.

3.1 Basic Physiography, Geology, and Hydrogeology

Based on regional information, the area's geology consists of Ordovician bedrock overlain by subglacial till deposits. Estimated depth to bedrock is approximately 45 feet (Mudrey, 1982). The Middle inlet member of the Kewaunee Formation typically consists of brown or reddish brown sand or silty sands (Mickelson, 1985). Soil encountered during a leaking underground storage tank (LUST) site investigation performed by the consulting firm ECCI at an adjacent property contained reddish-brown silty clay with trace sand and gravel (ECCI, 1994).

According to regional information gathered from the *Ground-Water Quality Atlas of Wisconsin*, two distinct aquifers, a shallow glacial drift aquifer and the underlying bedrock aquifer are present at the Site (Kammerer, 1981). Based upon regional information gathered from an Major Ground-Water Units of Wisconsin, the principal aquifer in the Pulaski area is the sand and gravel aquifer. The sand and gravel aquifer is unconfined with bedrock acting as the lower boundary (Cotter, 1985). This aquifer supplies water for agriculture, industrial, municipal, and residential uses in the area.

Although ground-water data has not been collected from the Site, ground-water elevation data gathered during the LUST investigation at the adjacent property indicates ground water is found at approximately six feet below grade (fbg). Ground-water flow direction at the LUST site is to the east-northeast, but has indicated seasonal variances in flow direction, possibly due to the operation of a ground-water extraction system (ECCI, 1994). Local ground-water flow at the Site may be influenced by man-made features such as underground utilities. A potential migration pathway for the release consists of transport through native surface soils to shallow ground water. In addition, underground utility trenches, if present, may act as migration pathways for the lateral transport of contaminants.

3.2 Site Investigation Scoping

As required by NR 716.07, Wis. Adm. Code, the following items were evaluated to confirm the scope and detail of the field investigation are appropriate for the complexity of the site:

- The Site is currently the location of a commercial dry-cleaning facility. Mineral spirits is the only known dry-cleaning compound believed to have been used at the facility.

- The amount and type of contamination identified at the Site were determined to be from mineral spirits and/or fuel oil of an unknown volume.

- Other than the release currently under investigation, there is no known history of previously reported hazardous substances discharged or environmental pollution at the Site.

- A soil sample collected from a soil boring advanced during the modified Phase II ESA by Northern Environmental on October 13, 1998, verified mineral spirits and/or fuel oil impacted soil in the area of the dry cleaning machines inside of the building at the Site. Although ground water was not encountered during the completion of the soil boring, ground water may have been impacted by the release.

- Brad's Service site (LUST # 05-00819) is located northeast and across the street from the Site. Soil and ground-water contamination was identified at Brad's Service. A soil and ground-water remediation system has been in operation at the site. According to the investigation activities performed by the consulting firm ECCI, the extent of soil and ground-water contamination was defined and does not extend onto Modern Cleaner's property.

- If off-site drilling is necessary, the appropriate access agreements will be obtained.

- There are no known impacts to public or private water supplies, buildings, or utilities. Potable water for the Site is supplied by a municipal well. The City of Pulaski municipal well is located approximately 1400 feet east southeast of the Site.

- The proposed activities will be performed at the Site in a developed area. There are no known potential impacts to threatened or endangered species; species, habitats, or ecosystems sensitive to the contamination; wetlands; outstanding resource waters or exceptional resource waters; or sites or facilities of historical or archaeological significance.

- No potential interim actions were determined to be necessary at the Site or the facility, and it has not been determined what remedial actions will be necessary at the Site.

- No other circumstances were found that could potentially affect the scope or conditions of the site investigation.

4.0 PROPOSED WORKPLAN

The proposed workplan was developed to satisfy WDNR requirements, minimize cost, and expedite project completion. The goal of the site investigation is to determine contaminant migration mechanisms and the extent of released mineral spirits and/or fuel oil. This information is essential to evaluate appropriate remedial alternatives and recommend a practical remedial action plan. WDNR-required soil and ground-water sampling guidelines and applicable state laws for investigation and remediation will be followed.

A phased process consisting of distinct tasks will be used to complete this project. Each task uses information gathered in previous tasks to better focus subsequent portions of the project. This approach facilitates efficient and timely project completion and limits overall cost.

The proposed workplan consists of the following five tasks:

Task 1.0	Project Initiation
Task 2.0	Investigative Program Implementation
Task 3.0	Site Investigation Report Preparation
Task 4.0	Remedial Action Plan Preparation (if necessary)
Task 5.0	Preparation of Case Closure (if warranted)

Each of these five tasks is briefly described below.

Task 1.0 Project Initiation

The first activity of this investigation is to review existing background information, such as the local geology and hydrogeology of the area, the presence of contaminant migration pathways and receptors at the Site, the location of nearby water supply wells, and other pertinent information that may affect the scope of the project. Task 1.0 has been completed as part of this workplan. Information on previous investigations was provided in Section 2.0. Information regarding local geology and hydrogeology obtained from a review of available literature was presented previously in Section 3.1. Site scoping information required by s. NR 716.07, Wis. Adm. Code was previously presented in Section 3.2.

Task 2.0 Investigative Program Implementation

The goal of Task 2.0 is to determine the vertical and lateral extent, and possible fate of released mineral spirits and/or fuel oil product. This information is essential to evaluate remedial alternatives and design a cost-effective and practical remedial action plan. The investigation will involve a minimum of two KV hand-auger soil borings located inside the building to evaluate the horizontal and vertical extent of soil effected by the release. One hollow-stem auger soil boring located outside of the building will be drilled and completed as ground-water monitoring well to evaluate the effect of the release on ground-water quality. Appropriate quality assurance and quality control procedures will be followed including those specified in s. NR 716.13, Wis. Adm. Code, to ensure that accurate data will be collected.

Subtask 2.1 Drill and Sample Soil Borings

A minimum of two soil borings will be completed to determine the extent of the identified release. The anticipated depth of these borings is six feet below ground surface. The actual depths and number of borings will depend on the site hydrology and stratigraphy and the extent of the identified release. The soil borings will be drilled and sampled by Northern Environmental personnel using KV Drill System equipped with a solid-stem auger and a stainless steel sampling spoon. The soil samples will be collected at 2-foot intervals using a stainless steel sampling spoon. The driven soil sampling device will allow for the retrieval of discrete soil samples approximately 1 inch in diameter and 18 inches in length. A portion of each soil sample will immediately be containerized, and cooled for possible laboratory analysis in accordance with WDNR and American Society for Testing and Materials (ASTM) standards (ASTM, July 1990). Another portion of the sample will also be field-screened with a ThermoEnvironmental Instruments Model 580B photoionization detector (PID) for the presence of volatile and semi-volatile organic compounds.

Field-screening will consist of collecting a representative soil sample, transferring the sample to a resealable freezer bag, sealing the bag, storing the sample in a relatively warm (e.g., 60°) location, and allowing the samples to reach ambient temperature. The bag will then be carefully punctured with the PID probe and the highest stable PID reading occurring within 10 to 20 seconds will be recorded in instrument units as isobutylene. Soil appearance and odor will also be noted as part of the field-screening process.

Boring logs will be prepared by Northern Environmental personnel in general conformance with ASTM 2488. These logs will include information on soil type, color (Munsell notation), odor, consistency, estimated United Soil Classification System group symbol, and genetic origin.

The sample exhibiting the greatest instrument reading encountered in each boring, based on the field-screening results, will be submitted for laboratory analysis to confirm the results of the field screening and to evaluate the distribution and magnitude of contamination. Additional soil samples may be collected below the contaminated soil zone from the first sediments identified as "clean" by field-screening to assist in estimating the vertical extent of contamination. At least three soil samples will be selected for laboratory analysis. The selected samples will be submitted under chain-of-custody protocol to a WDNR-certified laboratory to be analyzed for the WDNR-required suite of parameters. The soil samples will be analyzed for DRO, polynuclear aromatic hydrocarbons (PAHs), and ~~petroleum~~ VOCs volatile organic compounds.

No lubricants or solvents will be used on any downhole drilling or sampling equipment. Sampling tools and equipment will be washed with a mild detergent solution and double-rinsed with organic-free tap water. All soil cuttings produced during drilling will temporarily be stored on site in a 55-gallon drum pending laboratory analytical results.

Subtask 2.2 Install, Develop, and Sample Ground-Water Quality Monitoring Wells

Under this task, one soil boring will be drilled with hollow-stem augers and completed as a ground-water quality monitoring well to evaluate the affect of the release on ground-water quality. Based on the data obtained during the limited Phase II investigation and the shallow depth to ground water found in this area, the depth of the monitoring well will be 15 fbg. The monitoring well will be constructed in accordance with state requirements (NR 141, Wis. Adm. Code).

The monitoring well will be installed in conformance with WDNR standards for monitoring well construction (NO 141, Wis. Adm. Code). Specifically, the monitoring well will be constructed of 2-inch diameter polyvinyl chloride (PVC) threaded casing. The well will utilize a minimum of 5-feet of 0.010-inch slot PVC screen positioned such that the screened interval approximately intersects the water table to allow the presence of any light non-aqueous phase liquids, such as petroleum hydrocarbons, to be identified. No glues, solvents, or lubricants will be used in well construction. The well will be completed with a protective cover.

The newly installed monitoring well will be developed and purged before sampling to help ensure the water entering the screen is representative of ambient ground-water quality. It is anticipated the well will be developed, purged, and sampled within three visits to the Site. Ground water produced from the well will be stored in a 55-gallon drum on site. Appropriate disposal of the ground water will be determined after receipt of laboratory analyses. If the development water cannot be disposed of in a sanitary sewer near the Site, other disposal options will be developed as part of the remedial program.

Following well development and purging, the newly installed monitoring well will be sampled in accordance with WDNR ground-water sampling procedures (WDNR Publication DG-038-96). The ground-water samples collected will be analyzed by a WDNR-certified analytical laboratory for DRO, volatile organic compounds (VOCs), and PAHs using the above-referenced methods. One trip blank will be collected and analyzed for VOCs per WDNR requirements.

Subtask 2.3 Data Reduction and Analysis

Data collected during Subtasks 2.1 and 2.2 will be compiled and analyzed to assess whether or not the extent of contamination has been properly estimated vertically and laterally. The analytical results from the soil and ground-water sampling will be reviewed and tabulated. The results of the data gathered during the project will be discussed with the client.

Task 3.0 Site Investigation Report Preparation

The results of Tasks 1.0 and 2.0 will be detailed in a report that documents the investigative program and summarizes the results and conclusions. The report will include all text, tables, figures, field data, and laboratory reports necessary to support the findings and conclusions. Specifically the report will:

- ▲ Describe investigative methods
- ▲ Provide a conceptual model of site hydrogeology
- ▲ Present and interpret analytical data
- ▲ Evaluate the significance of identified contaminant migration pathways
- ▲ Assess the ultimate fate and significance of the identified contaminants

All activities, including preparation of the final report will be under the supervision of a Northern Environmental hydrogeologist meeting the requirements of NR 713.03(1), a professional geologist, and/or a professional engineer registered to practice in the State of Wisconsin. After review and incorporation of any comments by the client, the report will be submitted to the WDNR.

Task 4.0 Remedial Action Plan Preparation (if necessary)

If the results of the remedial investigation indicate that petroleum compounds are present at the Site at concentrations that require remediation, a Remedial Action Plan with estimated costs will be completed. Information compiled during Tasks 1.0 through 3.0 will be analyzed to select a cost effective Remedial Action Plan for the Site. This information will be discussed and with the client. After reviewing client comments, the Remedial Action Plan will be submitted to the WDNR.

Task 5.0 Preparation of a Case Closure Request (if warranted)

If the data collected from Subtasks 2.1 and 2.2 indicate the petroleum release is confined to the soil below the site building and the local shallow ground water has not been affected by the petroleum release, Northern Environmental will prepare WDNR case summary and close out forms (Form 4400-202) for the Site.

5.0 REFERENCES

American Society for Testing and Materials, *Standard Practice for Soil Investigation and Sampling by Auger Borings,* Designation D-1452, July, 1990.

American Society for Testing and Materials, *Standard Practice for Description and Identification of Soil,* Designation D-2488, August, 1990.

Cotter, E. D., Major Ground-Water Units of Wisconsin, 1985.

ECCI, Site Investigation Summary - Brad's Service, 1994.

Kammerer, Jr., Phil A., "Ground-water Quality Atlas of Wisconsin," Geologic and Natural History Survey, February 1981.

Mickelson, David M., *Pleistocene Stratigraphic Units of Wisconsin,* Wisconsin Geological and Natural History Survey, July 1984.

Mudrey, G. M., Bedrock Survey Map of Wisconsin, 1982.

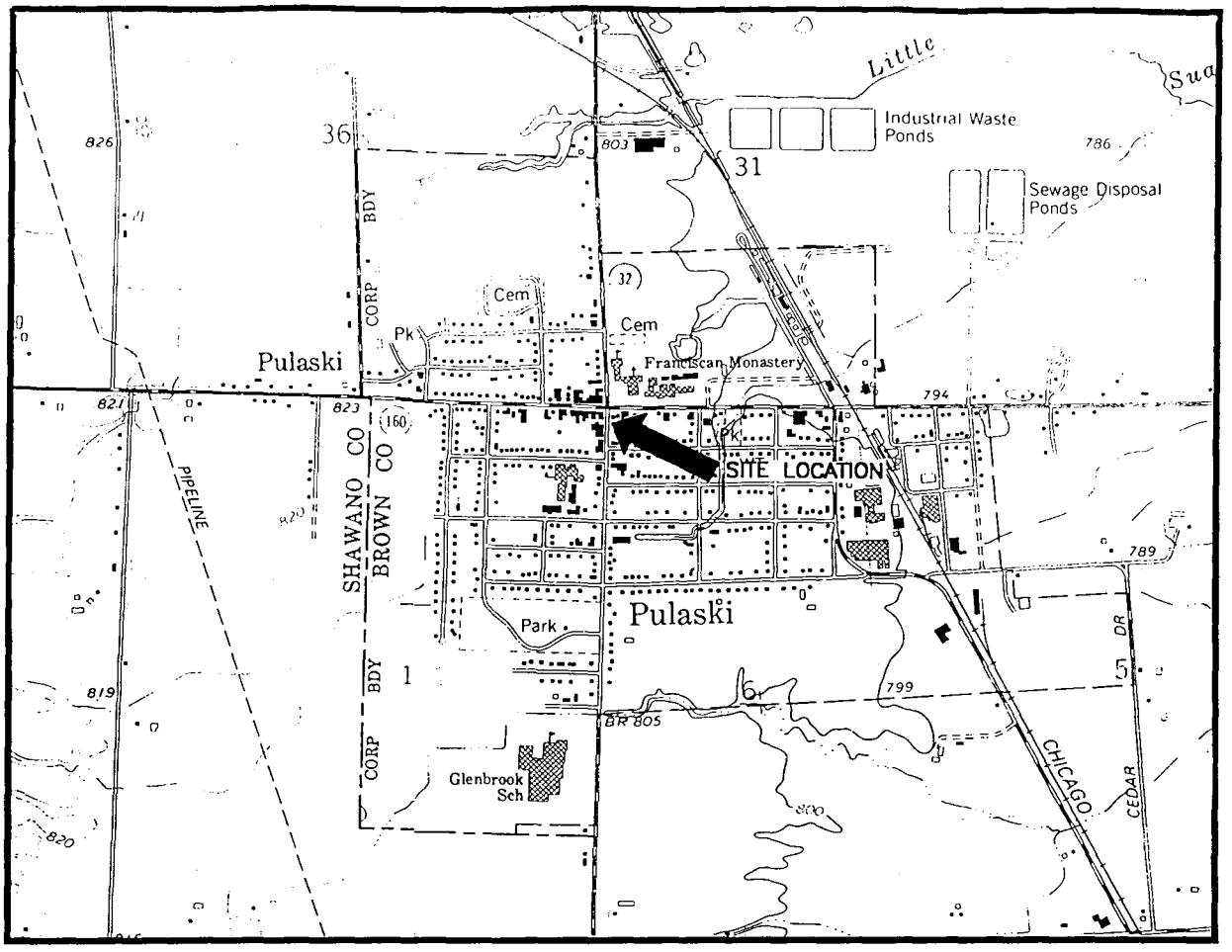
Ricker, Mike, Telephone conversation, October 27, 1998.

United States Geological Survey, Pulaski *Wisconsin 7.5 Minute Quadrangle Topographic Map,* 1974.

Wisconsin Department of Natural Resources, "Groundwater Monitoring Well Requirements," *Wisconsin Administrative Code*, Chapter NR 141, September 1995.

Wisconsin Department of Natural Resources, "Groundwater Sampling Field Manual," Publication DG-038-96, September 1996.

Wisconsin Department of Natural Resources, "Comprehensive Environmental Cleanup Code," *Wisconsin Administrative Code*, NR 700 Series, March 1995(a).



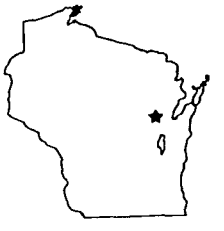
SCALE IN FEET

1" = 2000'

0 1000 2000 3000 4000 5000 6000 7000 8000

N

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

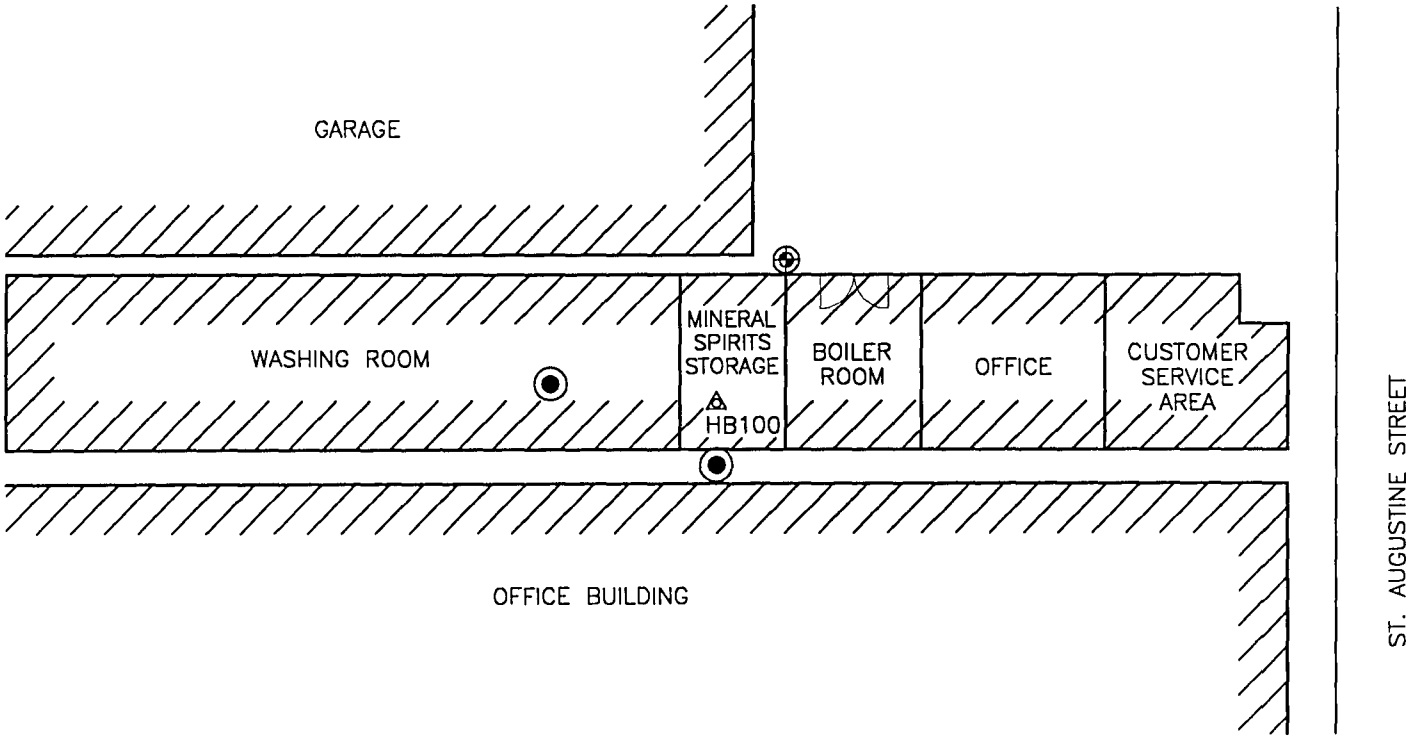


QUADRANGLE LOCATION

BASE MAP SOURCE: USGS ZACHOW, WISCONSIN 7.5 MINUTE QUADRANGLE (REVISED 1974)
BASE MAP SOURCE: USGS PULASKI, WISCONSIN 7.5 MINUTE QUADRANGLE (REVISED 1974)

DRAWN BY: SXM	PROJECT: MCS-0856	DATE: 2/25/99	FIGURE 1 SITE LOCATION AND LOCAL TOPOGRAPHY MODERN CLEANERS PULASKI, WISCONSIN
REV. DATE			
	Northern Environmental SM *Hydrologists · Engineers · Geologists*		FOR: MODERN CLEANERS

S:\PROJ\MCS\04070856\022599-1.DWG



LEGEND

△HB100 HAND BORING LOCATION

◉ PROPOSED KV BORING LOCATION

⊕ PROPOSED MONITORING WELL LOCATION

N

NOT TO SCALE

DRAWN BY: SXM	PROJECT: MCS–0856	DATE: 2/24/99
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.	FIGURE 2 PROPOSED SOIL BORING AND MONITORING WELL LOCATIONS MODERN CLEANERS PULASKI, WISCONSIN
	Northern Environmental SM Hydrologists · Engineers · Geologists	FOR: MODERN CLEANERS

S:\PROJ\MCS\04070856\022499-2.DWG

Northern Environmental℠
Hydrologists • Engineers • Geologists

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

February 12, 1999
(MCS03-0407-0896)

Ms. Kristin Nell
Wisconsin Department of Natural Resources
1125 North Military Avenue
Post Office Box 10448
Green Bay, Wisconsin 54307

RE: Retention of Consulting Services by Ms. Karen Skalitzky of Modern Cleaners; BRRTS Case #02-05-210423

Dear Ms. Nell:

This letter is to inform you that Ms. Karen Skalitzky, owner of Modern Cleaners, contracted Northern Environmental Technologies, Incorporated (Northern Environmental) on January 29, 1999, to perform a remedial investigation at Modern Cleaners, 119 South St. Augustine Street, Pulaski, Wisconsin.

All work performed will be consistent with NR700 guidelines. A work plan will be submitted within three weeks. Field work will be initiated as weather permits.

Please feel free to contact Northern Environmental if you have any questions.

Sincerely,

Northern Environmental Technologies, Incorporated

Edward J. Hoefferle, EIT
Project Coordinator

vej
c: Ms. Karen Skalitzky

S:\PROJ\MCS\04070856\LETTERS\CON-SVCS.LET

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
William R. Selbig, Regional Director

Northeast Regional Headquarters
Solid Waste Office
PO Box 10448, 1125 N. Military Ave.
Green Bay, Wisconsin 54307-0448
TELEPHONE 414-492-5916
FAX 414-492-5859
TDD 414-492-5812

File Copy

January 14, 1999

Ms. Karen Skalitzky
P.O. Box 558
Pulaski, WI 54162

SUBJECT: Reported Contamination at Modern Cleaners; 119 S. St. Augustine Street; Pulaski
BRRTS CASE #02-05-210423

Dear Ms. Skalitzky:

The Wisconsin Department of Natural Resources has been notified of petroleum and mineral spirit contamination at the above referenced location.

Based on the information received by the Department of Natural Resources, we believe you are responsible for restoring the environment at this site under Section 292.11, Wisconsin Stats., known as the hazardous substances spills law. Your responsibilities include investigating the extent of the contamination and then selecting and implementing the most appropriate remedial action. Enclosed is information to help you understand what you need to do to ensure your compliance with the spills law.

The purpose of this letter is threefold: 1) to describe your legal responsibilities, 2) to explain what you need to do to investigate and clean up the contamination, and 3) to provide you with information about cleanups, environmental consultants, possible financial assistance, and working cooperatively with the Department of Natural Resources.

Legal Responsibilities:
Your legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

* RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Codes chapters NR 700 through NR 728 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:
The longer contamination is left in the environment the farther it can spread and the more it may cost to

clean up. Quick action may lessen damage to your property and to neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first four steps to take:

1. By, February 19, 1999, please submit written verification (such as a letter from your consultant) that you have hired an environmental consultant. You will need to work quickly to meet this timeline.

2. By March 19, 1999, your consultant must submit a workplan and a schedule for conducting the investigation. The consultant must follow the Department's administrative codes and our technical guidance documents. Please include with your workplan a copy of any previous information that has been completed (such as an underground tank removal report or a preliminary soil excavation report).

3. Please keep us informed of what is being done at your site. You or your consultant must provide us with a brief report at least every 90 days, starting after your workplan is submitted. These quarterly reports should summarize the work completed since the last report. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. However, please note that should conditions at your site warrant, you may receive a letter requiring more or less frequent contacts with the Department.

4. When the site investigation is complete, your consultant must submit a full report on the extent and degree of soil and groundwater contamination and a proposal for cleaning up the contamination.

Due to the number of contaminated sites and our staffing levels, we will be unable to respond to each report. To maintain your compliance with the spills law and chs. NR 700 through NR 728, do not delay the investigation and cleanup of your site by waiting for DNR responses. We have provided detailed technical guidance to environmental consultants. Your consultant is expected to be familiar with our technical procedures and administrative codes and should be able to answer your questions on meeting Wisconsin's cleanup requirements.

Your correspondence and reports regarding this site should be sent to the Department at the following address:

Wisconsin Department of Natural Resources
Attn: Kristin Nell
1125 N. Military Avenue
P.O. Box 10448
Green Bay, WI 54307-448

If the contamination does not include groundwater contamination, the responsibility for governmental oversight of this site will be transferred to the Department of Commerce in accordance with Wisconsin Act 27.

Unless otherwise requested, please send only **one duplexed copy** of all plans and reports. Correspondence should be identified with the assigned **DNR identification number BRRTS CASE #02-05-210423.**

Information for Site Owners:
Enclosed is a list of environmental consultants and some important tips on selecting a consultant. Also enclosed are materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method. This information has been prepared to help you understand your responsibilities and what your environmental consultant needs to do. Please read this information carefully.

If you have any questions about this letter or your responsibilities, please call Kristin Nell at (920) 492-5943.

Thank you for your cooperation.

Sincerely,

Carrie Rackey
Waste Management Specialist
Bureau of Remediation and Redevelopment

Enclosure

02-05-210423

Wisconsin Department of Natural Resources

Notification of Petroleum Contamination from Underground / Aboveground Storage Tank Systems

Please complete this form and FAX it to the appropriate WDNR contact person (see list on back page) **immediately** upon discovery of a release from (CIRCLE ONE): UST / AST system.

TO: WDNR, Attn: ROXANNE CHRONERT

FAX #: 920-492-5859

PLEASE TYPE or PRINT LEGIBLY:

1. **Name, company, mailing address and phone number of person reporting the discharge:**

ED Hoffarle
NORTHERN ENVIRONMENTAL TECH. INC
954 CIRCLE DRIVE
GREEN BAY WI 54304
920-592-8400

2. **Site Information**

Name of site at which discharge occurred (local name of site/business – not responsible party name, unless a residence): MODERN CLEANERS

Location (actual street address, not PO box; if no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60): 119 South St. Augustine Street

Municipality (city, (village), township in which the site is located – not mailing address): PULASKI

County: BROWN

Legal Description: NE 1/4, NW 1/4, Section 6, Tn 25, Range 19 (E)/ W

3. **Responsible Party (RP) and/or RP Representative Information**

RP / Business Name: MODERN CLEANERS

Contact Person (if different): MRS. KAREN SKALITZKY

Mailing Address (with zip code): P.O. BOX 558
PULASKI WI 54162

Telephone Number: 920 822-3957

4. **Identity, physical state and quantity of the hazardous substance discharged (check all that apply):**

____ Unleaded gasoline
____ Leaded gasoline
____ Diesel
X Fuel oil
____ Waste oil
X Other Mineral spirits

5. **Impacts to the environment (enter "K" for knows/confirmed or "P" for potential for all that apply):**

____ Fire/explosion threat	K Soil contamination
____ Contaminated private wells (# of wells)____	____ Surface water impacts
____ Contaminated public wells	____ Floating product
P Groundwater contamination	____ Other____

6. **Contamination was discovered as a result of:**

____ Tank closure assessment X Site assessment ____ (other)____

On what date: 10/13/98

Additional Comments: Soil contamination found under the BLDG. near the location of Dry cleaning machines. Laboratory Results suggest two chromatogram patterns in the sample one being mineral spirits & one being Fuel oil, The Fuel oil could have come from a former heating oil AST found at the site. Enclosed is a copy of the Analytical Results

FAX numbers to report leaking tank sites in DNR's five regions are as follows:

Northeast Region (920-492-5859)
Underground Tanks: Attention - Janis DeBrock
Aboveground Tanks: Attention - Roxanne Chronert
Brown, Calumet, Door, Fond du Lac *(except City of Waupun - see South Central Region)*, Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago Counties

Northern Region (715-365-8932); Attention - Janet Kazda:
Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn Counties

South Central Region (608-275-3338); Attention - Marilyn Jahnke:
Columbia, Crawford, Dane, Dodge, Fond du Lac *(City of Waupun only)*, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk Counties

Southeast Region (414-229-0810); Attention - Mike Farley:
Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Walworth, Washington, Waukesha Counties

West Central Region (715-839-6076); Attention - John Grump:
Adams, Buffalo, Chippewa, Clark, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood Counties

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

ED HOEFFERLE
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project #: MCS03-1207-0805
Project : PULASKI
Sample ID: S103
Lab Code: 5023142A
Sample Type: Soil
Sample Date: 13-Oct-98

Report Date: 22-Oct-98

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	80.3			%		15-Oct-98	MLE	1
MODIFIED DRO WDNR SEP 95	26	0.58	1.9	MG/KG	1	15-Oct-98	BNR	1
MODIFIED GRO WDNR SEP 95	550	0.3	1.1	MG/KG	1	20-Oct-98	CJR	1,2

LOD = Limit of Detection "J" Flag; Analyte detected between LOD and LOQ. LOQ = Limit of Quantitation

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

2 GRO chromatogram indicates contamination outside of the GRO window.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8021 Volatile Organic Compounds
(Methanol Preserved)

ED HOEFFERLE
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Report Date: 22-Oct-98
Analyzed By: BDB

Project #: MCS03-1207-0805
Project : PULASKI
Sample ID: S103
Lab Code: 5023142A
Sample Type: Soil
Sample Date: 13-Oct-98
Date Analyzed: 17-Oct-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	5.9	20	1
Bromobenzene	< 25	3.1	10	1
Bromodichloromethane	< 25	2.7	8.9	1
n-Butylbenzene	7500	2.5	8.4	1
sec-Butylbenzene	< 25	4.8	16	1
tert-Butylbenzene	< 25	2.3	7.7	1
Carbon Tetrachloride	< 25	2.2	7.2	1
Chlorobenzene	< 25	2.5	8.2	1
Chloroethane	< 25	5	17	1
Chloroform	< 25	2.8	9.2	1
Chloromethane	< 25	7.3	24	1
2-Chlorotoluene	< 25	2.4	7.9	1
4-Chlorotoluene	< 25	2.3	7.8	1
1,2-Dibromo-3-Chloropropane	< 25	2.1	7.1	1
Dibromochloromethane	< 25	2	6.7	1
1,2-Dichlorobenzene	< 25	2.2	7.2	1
1,3-Dichlorobenzene	< 25	2.2	7.4	1
1,4-Dichlorobenzene	< 25	2.2	7.2	1
Dichlorodifluoromethane	< 25	4.3	14	1
1,1-Dichloroethane	< 25	2.3	7.6	1
1,2-Dichloroethane	< 25	2.7	9.1	1
1,1-Dichloroethene	< 25	2.2	7.5	1
cis-1,2-Dichloroethene	< 25	2.8	9.3	1
trans-1,2-Dichloroethene	< 25	3.5	12	1
1,2-Dichloropropane	< 25	2.4	8	1
1,3-Dichloropropane	< 25	2.2	7.3	1

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-DCP,cis-1,2-DCE	< 25	4.1	14	1
Di-isopropyl Ether	< 25	3.9	13	1
Ethylbenzene	8100	6.2	11	1
EDB (1,2-Dibromoethane)	< 25	4.2	14	1
Hexachlorobutadiene	< 25	4.8	16	1
Isopropylbenzene	< 25	5	17	1
p-Isopropyltoluene	2200	3.4	11	1
Methylene Chloride	< 25	3.3	11	1
MTBE	< 25	7	23	1
Naphthalene	310	7	23	1
n-Propylbenzene	6700	2.8	9.2	1
1,1,2,2-Tetrachloroethane	< 25	7.1	24	1
Tetrachloroethene	< 25	3.6	12	1
Toluene	< 25	5.1	17	1
1,2,3-Trichlorobenzene	< 25	5.4	18	1
1,2,4-Trichlorobenzene	< 25	5.1	17	1
1,1,1-Trichloroethane	< 25	2.3	7.6	1
1,1,2-Trichloroethane	< 25	2	6.7	1
Trichloroethene	< 25	4.6	15	1
Trichlorofluoromethane	< 25	19	65	1
124-Trimethylbenzene	8800	2.4	8	1
1,3,5-Trimethylbenzene	9400	3.8	13	1
Vinyl Chloride	< 25	4.7	16	1
m&p-Xylene	1300	5.6	19	1
o-Xylene	< 25	2.7	9	1

Fluorobenzene Surrogate 89 % Rec.
1,4-Dichlorobutane Surrogate 110 % Rec.
Total % Solids 80.3

LOD = Limit of Detection
LOQ = Limit of Quantitation
NA = Not Applicable
QC Batch # 060481

GC #6

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8021 Volatile Organic Compounds

Project #: MCS03-1207-0805 Report Date: 22-Oct-98
Sample ID: S103 Lab Code: 5023142A

ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	MATRIX SPIKE	REPLICATE SPIKE	BLANK	PID SURROGATE	HALL SURROGATE
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	P	P	P	P	P	P
Chloroform	P	P	P	P	P	P	P
Chloromethane	P	P	P	P	P	P	P
2-Chlorotoluene	P	P	P	P	P	P	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	F	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	F	P	P	P	P	P
1,1-Dichloroethane	P	F	P	P	P	P	P
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	F	P	P	P	P	P
cis-1,2-Dichloroethene	P	P	P	P	P	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-DCP,cis-1,2-DCE	P	P	P	P	P	P	P
Di-isopropyl Ether	P	P	P	P	P	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	P	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
124-Trimethylbenzene	P	P	P	P	P	P	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	P	P	P	P
m&p-Xylene	P	P	P	P	P	P	P
o-Xylene	P	P	P	P	P	P	P

P = Passed QC limits. F = Failed QC limits. NA = Not Applicable

QC Batch # 060481

"J" Flag: Analyte detected between LOD and LOQ.

Authorized Signature

CHAIN OF CUSTODY REC RD REQUEST FOR ANALYSIS

1 of 1

No 10790

Northern Environmental

☐ 1214 W. Venture Ct. Mequon WI 53092 414-241-3133 FAX 414-241-8222	☐ 372 West County Road D New Brighton, MN 55112 612-635-9100 FAX 612-635-0643	☒ 954 Circle Drive Green Bay, WI 54304 920-592-8400 FAX 920-592-8414	☐ 330 South 4th Avenue Park Falls, WI 54552 715-762-1544 FAX 715-762-1844	☐ 1203 Storbeck Drive Waupun, WI 53963 920-324-8600 FAX 920-324-3023	☐ 217 S 7th Street Suite 208 Brainerd, MN 56401 218-825-9001 FAX 218-825-9002

Check office originating request

502342

Project No: MCS03-1207-0805 Task No:	Laboratory: U.S. oil Analytical
Project Location: (city) Pulaski, WI	Wisconsin DNR Certification #: 445027660
Project Manager: Bonnie Steg	Laboratory Contact: Mike Rucker
Sampler (name) ED Hoefferle	Price Quote:
Sampler, (Signature) Ed Hoefferle	TURNAROUND TIME REQUIRED ☐ Normal ☒ Rush
Sampling Date(s): 10-13-98	
Reports to be Sent to: ED Hoefferle	Date Needed 10-22-98

Sample Integrity - To be completed by receiving lab
Seal Intact upon receipt ☒ yes ☐ no
Method of shipment Courier
Contents Temperature 4°C °C Refrigerator No LGS

ANALYSES REQUESTED

Lab ID No	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method	PID readings
502342A	S103	10/14/98	11:20	3-2oz Glass		X		methanol	X	X			X			/ 449 Diesel Fuel odor

Packed for Shipping by:

Shipment Date.

Comments: Please fax Results to my Attention

Relinquished By	Date	Relinquished By:	Date:	Relinquished By:	Date
Company: Northern Environmental Tech Inc.	Time:	Company: US Oil	Time: 1:40	Company:	Time:
Received By:	Date: 10-14-98	Received By:	Date: 10/14/98	Received By:	Date:
Company: US Oil	Time: 7:00	Company: US Oil	Time: 1:40	Company:	Time:

JAN.-13'99(WED) 17:45 NORTHERN ENVIR. GB TEL:920 5928444 P.005

Department of Natural Resources

ENVIRONMENTAL REPAIR PROGRAM
CASE TRACKING FORM FOR VER. 2.1
Form 4400-150

I.D. # 02-05-210423

District: NER County: BROWN
Site Name: MODERN CLEANERS
Address: 119 S. ST. AUGUSTINE ST
Legal Municipality: PULASKI
T V C

Case No.: PMN:
FID:
Proj. Mgr:
Support Person:
Legal Desc: __1/4 __ 1/4 Sec ___, T ___, R ___ E/W
Lat: N ___ ° ___ . ___ ' Long: W ___ ° ___ . ___ '

Date of Discovery: 1 / 13 / 99
Date of RP Contact: 1 / 14 / 99

PRIORITY SCREENING:
___ 1 = High
___ 3 = Low
__X 4 = Unknown

PRE-SCORE
_____ . _____

FUNDING SOURCE:
___ 1 = RP
___ 2 = LTF
___ 3 = EF
___ 4 = SF
___ 5 = None
___ 6 = Other (Describe In Comments)
___ 7 = EPA Emergency Resp.

ENFORCEMENT AUTHORITY:
___ 1 = Spill Law s. 144.76, Wis. Stats.
___ 2 = Envir Repair Law s. 144.442, Wis. Stats.
___ 3 = Hazardous Waste Rules NR 600 Series
___ 4 = Solid Waste Rules NR 500 Series
___ 5 = CERCLA
___ 6 = Abandoned Container s. 144.77, Wis. Stat.
___ 7 = Other (Describe in Comments)

PROGRAMS INVOLVED: (L - LEAD S - SUPPORT)

___ Aban Containers
___ Lust
___ NR 600 Hazardous Waste
___ NR 500 Solid Waste
___ Spills
___ Superfund
___ Water Supply
___ Water Resources Mgt
___ Env. Repair

RESPONSIBLE PARTY:

Business Name: MODERN CLEANERS
Owner/Mgr.: KAREN SALITZKY
Address: PO BOX 558
PULASKI, WI 54162
Phone: 920 / 822-3957
Contact Person:

Business Name:
Owner/Mgr.:
Address:
Phone: ___ /
Contact Person:

		KNOWN IMPACTS (X)	POTENTIAL IMPACTS (X)
No Threat			
Fire/Explosion threat	(1)		
Contaminated Private Well	(2)		
Contaminated Public Well	(3)		
Groundwater Contamination	(4)	P	
Soil Contamination	(5)	K	
Direct Contact	(10)		
Contaminated Surface Water	(7)		
Contaminated Air	(8)		
Other _____	(6)		

CONSULTANT INFORMATION:

Company:
Contact Person:
Address:
Phone: ___ /
(List additional on separate sheet & attach.)

Company:
Contact Person:
Address:
Phone: ___ /