Northern Environmental℠
Hydrologists · Engineers · Surveyors · Scientists

20 years of Solutions 1988-2008

12075 North Corporate Parkway
Suite 210
Mequon WI 53092
(262) 241-3133
(800) 776-7140
Fax (262) 241-8222
www.northernenvironmental.com

August 29, 2008
(100-1296)

Mr. Woo Chang Kim
Cypress Cleaners
3813 South 108th Street
Greenfield, Wisconsin 53228

RE: Summary of Pre-Discovery Activities; Cypress Cleaners, 3813 South 108th Street, Greenfield, Wisconsin

Dear Mr. Kim:

Northern Environmental Technologies, Incorporated (Northern Environmental) prepared this letter to document the results of pre-discovery activities completed at Cypress Cleaners, 3813 South 108th Street, Greenfield, Wisconsin (the Site). The occupies approximately 1300 square feet of a strip mall building located in the southeast quarter of the southeast quarter of Section 18, Township 6 North, Range 20 East, city of Greenfield, Milwaukee County, Wisconsin (Figure 1). Figure 2 shows the Site layout.

Pre-discovery activities were performed to evaluate the presence or absence of a chlorinated solvent release resulting from historic dry cleaning operations. Pre-discovery activities included gathering site-specific data (i.e., site investigation scoping) and a Phase II environmental site assessment (ESA).

SITE INVESTIGATION SCOPING

Northern Environmental completed site investigation scoping to address the items specified in section NR 169.05 (27), Wisconsin Administrative Code (s. NR 169.05 [27], Wis. Adm. Code). The items are re-stated in italics below and followed by Northern Environmental's findings.

(a) History of the facility, including the location of dry cleaning equipment and chemical and filter storage

The Site is part of a single-story strip mall building with no basement that is served by a public water supply and sewer system. Mr. Woo Chang Kim, Cypress Cleaners owner and store manager, was interviewed to determine the history of the facility. Mr. Kim provided the following information.

- Mr. Kim owned and operated the dry cleaning business at the Site for 4 years.
- The strip mall was constructed during 1987. The location contained a restaurant before Cypress Cleaners opened.
- Cypress Cleaners has been located at the Site for approximately 9 years.
- One dry cleaning machine is currently located within the building and there have been no changes in the layout of the Site.
- Tetrachloroethene (PCE) has been the only cleaning solvent used at the Site.

(b) Knowledge of the type of contamination and the amount of contamination

The exact source and quantity of the released PCE is unknown.

(c) Environmental media affected by contamination

Chlorinated solvents have been detected in soil at the Site. Information regarding the results of a limited Phase II ESA performed by Northern Environmental is also presented in this letter.

(d) Location of the site and its proximity to other sources of contamination

No other sources of contamination are believed to be present at the Site.

(e) Assessment of potential or known impacts to receptors

Numerous buried utilities are present at the Site. Buried water and natural-gas utilities run along the west side the facility. Based on soil samples collected at the Site, the depth to groundwater is between 4 and 8 feet below grade (fbg). Silty clay soils may create perched water conditions.

(f) Assessment of potential impacts to sensitive areas

There are no known sensitive areas on or adjacent to the Property.

(g) A map showing the site boundaries, location of source areas, including utility corridors, sewer lines, adjacent streets, receptor locations and sample locations and results of sampling

The Site layout is shown in Figure 2.

LIMITED PHASE II INVESTIGATION METHODS

On August 15, 2008, Northern Environmental completed three soil boreholes (B1 through B3) at the Site using direct-push sampling methods. One additional borehole (B4) was installed within the building adjacent to the dry cleaning machine using a hand auger and sampler. The soil boreholes were advanced to a maximum of 16 fbg. Borehole B3 only extended to 3 fbg because of the close proximity to buried utilities. Soil samples were collected continuously during borehole advancement. The soil borehole locations are shown in the Figure 2.

Northern Environmental personnel described each soil sample in the field. Field soil borehole logs were prepared and included information on soil type, structural characteristics, color, moisture content, consistency, odor, and photoionizable constituents. Each borehole was abandoned by backfilling with bentonite pellets immediately after drilling. Copies of borehole logs and abandonment forms are included in Attachment A. All downhole drilling and sampling equipment was cleaned before on-site use and between each borehole.

A Northern Environmental hydrogeologist maintained borehole logs; examined and described the soil field screened samples; and collected samples for laboratory analysis. In addition, soil samples from each borehole were field screened for volatile organic compounds (VOCs) using a photoionization detector (PID). These samples were placed in a sealable 1-quart plastic bag. Care was taken to maintain a relatively constant soil volume to headspace volume ratio for all samples. The sealed headspace sample was agitated to break up soil clods before being left in a warm environment for at least 15 minutes to allow volatilization to occur. The PID probe was then carefully inserted into the plastic bag and the highest stable response was recorded. The PID used was a Thermo Environmental Instruments Model 580A Organic Vapor Meter equipped with a 10.6 eV lamp. Based on field screening results, one sample from each borehole was submitted under chain-of-custody for VOC analysis by Synergy Environmental Lab, Incorporated (Synergy).

FINDINGS

Sediments encountered in the boreholes consisted of silty sand and silty clay. The depth the groundwater ranged between 4 and 8 fbg. Based on topography, groundwater likely flows southwest across the Site toward Root River.

Elevated PID responses were only detected in screened soil samples collected from B3. PCE, the only detected VOC in soil, was present in borehole B3 at a concentration of 400 micrograms per kilogram. PCE was not detected in any other samples submitted for analysis. Soil quality results are summarized in Table 1. Laboratory reports and chain-of-custody records are provided in Attachment B.

The only VOC detected in groundwater was toluene present in B1 at a concentration of .83 "J" micrograms per liter. Groundwater quality results are summarized in Table 2. The laboratory reports are provided in Attachment B.

CONCLUSIONS AND RECOMMENDATIONS

Based on the analytical results of collected soil samples, PCE was released at the Site. However, PCE was not detected in the area directly beneath the dry cleaning machine, and appears to be limited to the area adjacent to the back door of the dry cleaning facility. The case should be reviewed by the Wisconsin Department of Natural Resources to determine additional investigation needed to determine the magnitude and extent of contaminated soil and groundwater. The goal of the investigative work is to further evaluate contaminant concentrations and determine the vertical and horizontal extent of released dry cleaning solvent.

DISCLAIMER

Northern Environmental completed this work in general conformance with federal, state, and local requirements and made all appropriate inquiry consistent with good commercial or customary practice. The results provided in the report are based upon professional interpretation of the information available to Northern Environmental given the time and budget constraints of this project. Northern Environmental has assumed the information provided by the client and property owner and included in the report is factual, complete, and correct. Northern Environmental does not warrant that this report represents an exhaustive study of all possible environmental concerns associated with the Property. However, the items included in this report are believed to adequately address soil and groundwater quality at the Site and the client's needs at this time.

Thank you again for the opportunity to assist you with this important project. Please contact us at (262) 241-3133 if you have any questions or concerns.

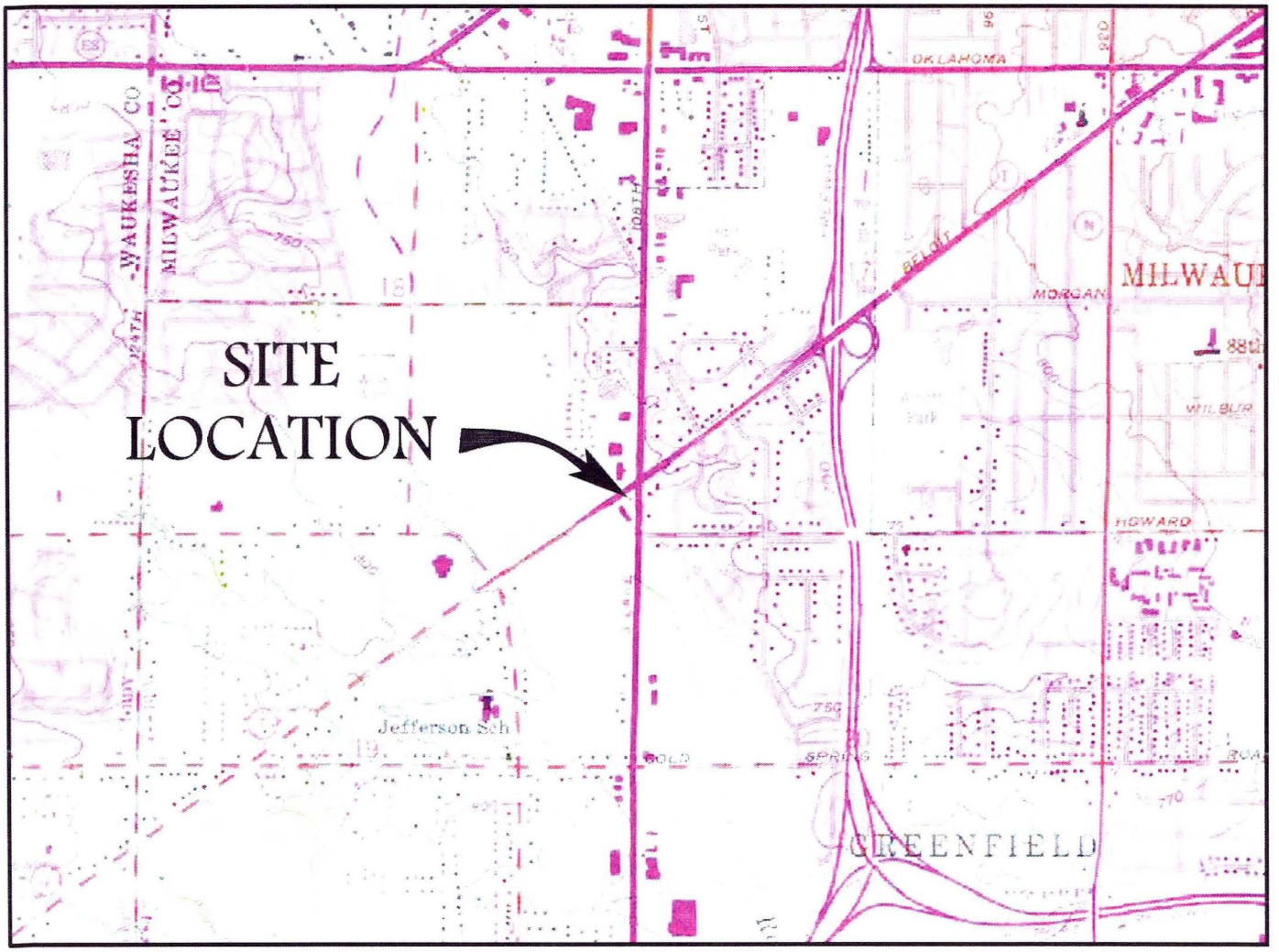
Sincerely,
Northern Environmental Technologies, Incorporated

Andrew J Swaim
Graduate Geologist

Christopher C. Hatfield, PG
Project Manager

AJS/lmh
Attachments

c: Wisconsin Department of Natural Resources



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 7.5 MINUTE QUADRANGLE, HALES CORNERS, WISCONSIN, 1992 (NATIONAL GEOGRAPHIC HOLDINGS, INC.)

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Phone: 800-776-7140 Fax: 262-241-8222

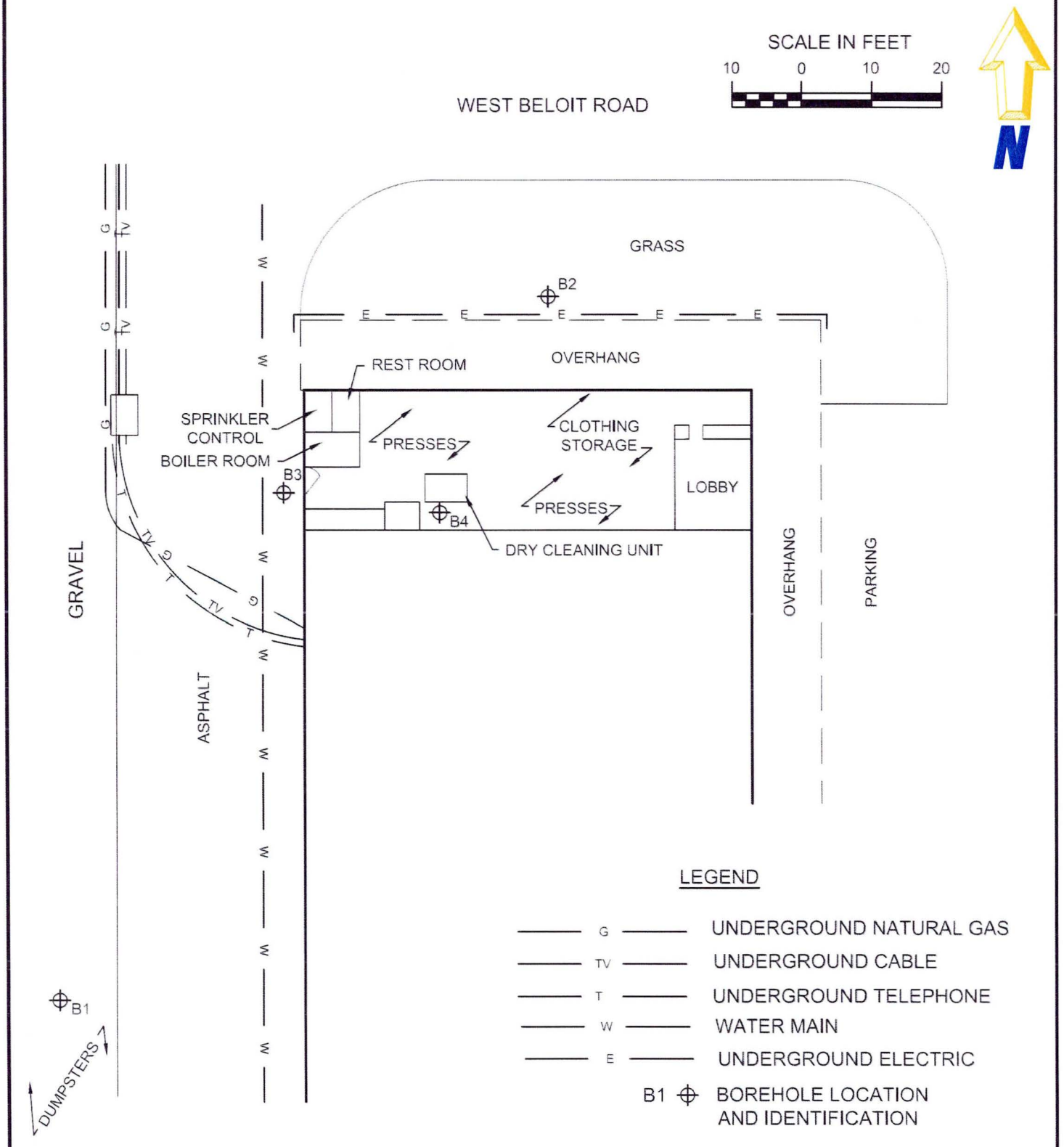
WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

SITE LOCATION & LOCAL TOPOGRAPHY

CYPRESS CLEANERS
GREENFIELD, WI

DATE:	08/27/08	DRAWN BY:	BMP	PROJECT NUMBER:	100-1296	FIGURE	1

S:\CAD\100\1296\08_0826 Location map_1.dwg, 8/29/2008 9:39:59 AM, Adobe PDF



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WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

SITE LAYOUT

CYPRESS CLEANERS
GREENFIELD, WISCONSIN

DATE: 08/27/08	DRAWN BY: BMP	PROJECT NUMBER: 100-1296	FIGURE 2

Table 1 Soil Sample Field Screening and Laboratory Analytical Results
Cypress Cleaners, 3813 South 108th Street, Greenfield, Wisconsin

Borehole Number	Sample Number	Date Sampled	Sample Depth (feet)	PID Response (iui)	Description	Detected VOCs (µg/kg)
						Tetrachloroethene
B1	S101	08/15/08	0-2	0	Gravel, sand, clay, fill	-
	S102	08/15/08	2-4	0	Silty clay, some gravel	-
	S103	08/15/08	4-6	0	Silty clay, asphalt, gravel	<18
	S104	08/15/08	6-8	0	Silty clay, asphalt, gravel	-
	S105	08/15/08	8-10	0	Silty clay	-
	S106	08/15/08	10-12	0	Silty clay	-
	S107	08/15/08	12-14	0	Sand	-
	S108	08/15/08	14-16	0	Sand	-
B2	S201	08/15/08	0-2	0	Top soil, silty clay, gravel	-
	S202	08/15/08	2-4	0	Asphalt, silty clay, gravel	-
	S203	08/15/08	4-6	0	Silty clay, gravel	-
	S204	08/15/08	6-8	0	Silty clay	-
	S205	08/15/08	8-10	0	Silty clay	-
	S206	08/15/08	10-12	0	Silty clay	-
	S207	08/15/08	12-14	0	Sand	-
	S208	08/15/08	14-16	1	Sand	<18
B3	S301	08/15/08	1-2	3	Silty sand	-
	S302	08/15/08	2-3	11	Silty sand	400
B4	S401	08/15/08	1-2	0	Silty sand	-
	S402	08/15/08	2-3	0	Silty clay	<18

Note:
VOCs = volatile organic compounds
µg/kg = micrograms per kilogram
PID = photoionization detector
iui = instrument units as isobutylene
<x = compound not detected to a detection limit of x
- = not analyzed

Table 2 Groundwater Analytical Results
Cypress Cleaners, Greenfield, Wisconsin

Well ID	Date Sampled	Detected VOC (µg/l)
		Toluene
NR 140, Wis. Adm. Code PAL		200
NR 140, Wis. Adm. Code ES		1000
B1	08/15/08	0.83 "J"
B2	08/15/08	<0.39

Key:
VOC = volatile organic compounds
µg/l = micrograms per liter
<x = not detected above laboratory Limit of Detection of X

XXX = exceeds Chapter NR 140, Wisconsin Administrative Code (NR 140, Wis.Adm. Code preventive action limit (PAL)

XXX = exceeds NR 140, Wis. Adm. Code enforcement standard (ES)

ATTACHMENT A

BOREHOLE LOGS

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Cypress Cleaners	0	B1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tim Warm Wisconsin Soil Testing	8/15/2008	8/15/2008	Direct Push

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		B1	Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
SE 1/4 of SE 1/4 of Section 18, T 6 N, R 20 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village

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
S101 CS	24 12		1.5	GRAVEL, some sand, dry, no odor (Fill)	GW			0						
S102 CS	24 12		3.0	SILTY CLAY, few sand, dry becoming wet 8 feet, dark grayish brown (10YR4/2) to dark gray (10YR4/1), no odor				0	3.5					
S103 CS	24 20		4.5					0						
S104 CS	24 20		6.0		CL-ML			0						
S105 CS	24 20		7.5					0	0.5					
S106 CS	24 20		9.0					0						
S107 CS	24 22		10.5					0						
S108 CS	24 22		12.0	Sand, some gravel, wet,very dark gray(10YR3/1) no odor	SP			0						
			13.5											
			15.0	End of Borehole @ 16 fbg										

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

Signature	Firm	Tel:
Andrew Kamin	Northern Environmental Technologies 12075 N. Corporate Parkway, Suite 210 Mequon, Wisconsin, 53092	262-241-3133 Fax: 262-241-8222

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion 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

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Cypress Cleaners	0	B2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tim Warm Wisconsin Soil Testing	8/15/2008	8/15/2008	Direct Push

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		B2	Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
SE 1/4 of SE 1/4 of Section 18, T 6 N, R 20 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village

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 CS	24 23		1.5	TOPSOIL SILTY CLAY, few gravel, moist, dark yellowish brown (10YR4/4), no odor (Fill	CL-ML			0						
S202 CS	24 23		3.0	ASPHALT SILTY CLAY, few sand, dry becoming wet 8 feet, dark grayish brown (10YR4/2) to dark gray (10YR4/1), no odor				0						
S203 CS	24 24		4.5					0						
S204 CS	24 24		6.0					0						
S205 CS	24 24		7.5		CL-ML			0						
S206 CS	24 24		9.0					0						
S207 CS	24 24		10.5					0						
S208 CS	24 24		12.0					0						
			13.5	Sand, some gravel, wet, very dark gray(10YR3/1,) no odor	SW			1						
			15.0	End of Borehole @ 16 fbg										

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

Signature [signature] Firm Northern Environmental Technologies Tel: 262-241-3133
12075 N. Corporate Parkway, Suite 210 Mequon, Wisconsin, 53092 Fax: 262-241-8222

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Cypress Cleaners	0	B3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tim Warm Wisconsin Soil Testing	8/15/2008	8/15/2008	Direct Push

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		B3	Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
SE 1/4 of SE 1/4 of Section 18, T 6 N, R 20 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village

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
				CONCRETE										
S301	12			SILTY SAND, few gravel, no odor, wet, light yellowish brown (10YR6/4) (Fill)	SM			3						
CS	6		1.5											
S302	12							11						
CS	6		3.0	End of Borehole @ 3 fbg										

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

Signature Andrew J Sanz Firm Northern Environmental Technologies Tel: 262-241-3133
12075 N. Corporate Parkway, Suite 210 Mequon, Wisconsin, 53092 Fax: 262-241-8222

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Cypress Cleaners	0	B4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tim Warm Wisconsin Soil Testing	8/15/2008	8/15/2008	Direct Push

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		B4	Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
SE 1/4 of SE 1/4 of Section 18, T 6 N, R 20 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village

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
S401	12			CONCRETE										
CS	6		1.5	SILTY SAND, few gravel, no odor, moist, light yellowish brown (10YR6/4) (Fill)	SM									
S402	12			SILTY CLAY, few gravel, no odor, moist, dark yellowish brown (10YR4/4) (Till)	CL-ML									
CS	6		3.0	End of Borehole @ 3 fbg										

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

Signature Andrew J Smith Firm Northern Environmental Technologies Tel: 262-241-3133
12075 N. Corporate Parkway, Suite 210 Mequon, Wisconsin, 53092 Fax: 262-241-8222

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State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a 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 used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County

Common Well Name B1 Gov't Lot (if applicable)

SE 1/4 of SE 1/4 of Sec. 18 ; T. 6 N; R. 20 ☒ E ☐ W
Grid Location

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

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ° ' " Long ° ' "

State Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Exploration Borehole
WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: Cypress Cleaners

Facility ID | License/Permit/Monitoring No.: 0

Street Address of Well:

City, Village, or Town:

Present Well Owner: Woo Chang Kim | Original Owner:

Street Address or Route of Owner: 3813 South 108th Street

City, State, Zip Code: Greenfield, WI 53228

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☐ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface)
Casing Diameter (in.) _____
Casing Depth (ft.) _____

Lower Drillhole Diameter (in.) 2.0

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☒ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)	Sacks Sealant	Mix Ratio or Mud Weight
Bentonite	Surface	16.0	0.5	

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Wisconsin Soil Testing
Date of Abandonment: 8/15/08

Signature of Person Doing Work: For Andrew Smith Tim Warm
Date Signed: 8/26/08

Street or Route: 5105 N 124th Street PO Box 66
Telephone Number: 262-783-7645

City, State, Zip Code: Butler, WI 53077

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a 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 used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County

Common Well Name B2 Gov't Lot (if applicable)

Grid Location SE 1/4 of SE 1/4 of Sec. 18 ; T. 6 N; R. 20 ☒ E ☐ W

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

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ° ' " Long ° ' " or

State Plane _____ ft. N. _____ ft. E. ☐S ☐C ☐N Zone

Reason For Abandonment: Exploration Borehole

WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: Cypress Cleaners

Facility ID | License/Permit/Monitoring No.: 0

Street Address of Well:

City, Village, or Town:

Present Well Owner: Woo Chang Kim | Original Owner:

Street Address or Route of Owner: 3813 South 108th Street

City, State, Zip Code: Greenfield, WI 53228

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☐ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) (From ground surface) _____ Casing Diameter (in.) _____

Casing Depth (ft.) _____

Lower Drillhole Diameter (in.) 2.0

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☒ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)	Sacks Sealant	Mix Ratio or Mud Weight
Bentonite	Surface	16.0	0.5	

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Wisconsin Soil Testing | Date of Abandonment: 8/15/08

Signature of Person Doing Work: Andy Barr For Tim Warm | Date Signed: 8/26/08

Street or Route: 5105 N 124th Street PO Box 66 | Telephone Number: 262-783-7645

City, State, Zip Code: Butler, WI 53077

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a 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 used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County

Common Well Name B3 Gov't Lot (if applicable)

Grid Location SE 1/4 of SE 1/4 of Sec. 18 ; T. 6 N; R. 20 ☒ E ☐ W

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

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ° ' " Long ° ' " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: Exploration Borehole

WI Unique Well No. of Replacement Well:

(2) FACILITY/OWNER INFORMATION

Facility Name: Cypress Cleaners

Facility ID | License/Permit/Monitoring No.: 0

Street Address of Well:

City, Village, or Town:

Present Well Owner: Woo Chang Kim | Original Owner:

Street Address or Route of Owner: 3813 South 108th Street

City, State, Zip Code: Greenfield, WI 53228

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☐ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface)
Casing Diameter (in.) _____
Casing Depth (ft.) _____
Lower Drillhole Diameter (in.) 2.0

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

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☒ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)	Sacks Sealant	Mix Ratio or Mud Weight
Concrete	Surface	0.5	0.1	
Bentonite	0.5	3.0	0.1	

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Northern Environmental | Date of Abandonment: 8/15/08

Signature of Person Doing Work: Andrew J. Zanni | Date Signed: 8/26/08

Street or Route: 12075 N. Corporate Parkway, Suite 2 | Telephone Number: 10 262-241-3133

City, State, Zip Code: Mequon, WI 53092

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

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Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other

(1) GENERAL INFORMATION

WI Unique Well No.	DNR Well ID No.	County

Common Well Name B4 Gov't Lot (if applicable)

Grid Location SE 1/4 of SE 1/4 of Sec. 18 ; T. 6 N; R. 20 ☒ E ☐ W

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

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ° ' " Long ° ' "

State Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment	WI Unique Well No. of Replacement Well
Exploration Borehole	

(2) FACILITY /OWNER INFORMATION

Facility Name: Cypress Cleaners

Facility ID	License/Permit/Monitoring No.
	0

Street Address of Well:

City, Village, or Town:

Present Well Owner	Original Owner
Woo Chang Kim	

Street Address or Route of Owner: 3813 South 108th Street

City, State, Zip Code: Greenfield, WI 53228

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☐ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface)
Casing Diameter (in.) _____
Casing Depth (ft.) _____
Lower Drillhole Diameter (in.) 2.0

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

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☒ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)	Sacks Sealant	Mix Ratio or Mud Weight
Concrete	Surface	0.5	0.1	
Bentonite	0.5	3.0	0.1	

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Northern Environmental
Date of Abandonment: 8/15/08

Signature of Person Doing Work: Andrew [signature]
Date Signed: 8/26/08

Street or Route: 12075 N. Corporate Parkway, Suite 2
Telephone Number: 262-241-3133

City, State, Zip Code: Mequon, WI 53092

FOR DNR OR COUNTY USE ONLY

Date Received	Noted By

Comments

ATTACHMENT B

LABORATORY RESULTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

ANDREW SWAIM
NORTHERN ENVIRONMENTAL
12075 N. CORPORATE PARKWAY
MEQUON WI 53092

Report Date *25-Aug-08*

Project Name GREENFIELD
Project # 100-1296
Invoice # E17678

Lab Code 5017678A
Sample ID S103
Sample Matrix Soil
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.2	%			1	5021		8/19/2008	MDK	1
Organic										
VOC's										
Benzene	< 20	ug/kg	20	64	1	8260B		8/21/2008	CJR	1
Bromobenzene	< 34	ug/kg	34	107	1	8260B		8/21/2008	CJR	1
Bromodichloromethane	< 16	ug/kg	16	51	1	8260B		8/21/2008	CJR	1
Bromoform	< 23	ug/kg	23	72	1	8260B		8/21/2008	CJR	1
tert-Butylbenzene	< 23	ug/kg	23	75	1	8260B		8/21/2008	CJR	1
sec-Butylbenzene	< 25	ug/kg	25	81	1	8260B		8/21/2008	CJR	1
n-Butylbenzene	< 35	ug/kg	35	110	1	8260B		8/21/2008	CJR	1
Carbon Tetrachloride	< 21	ug/kg	21	67	1	8260B		8/21/2008	CJR	1
Chlorobenzene	< 16	ug/kg	16	52	1	8260B		8/21/2008	CJR	1
Chloroethane	< 23	ug/kg	23	73	1	8260B		8/21/2008	CJR	1
Chloroform	< 50	ug/kg	50	160	1	8260B		8/21/2008	CJR	1
Chloromethane	< 43	ug/kg	43	136	1	8260B		8/21/2008	CJR	1
2-Chlorotoluene	< 31	ug/kg	31	97	1	8260B		8/21/2008	CJR	1
4-Chlorotoluene	< 24	ug/kg	24	77	1	8260B		8/21/2008	CJR	1
1,2-Dibromo-3-chloropropane	< 37	ug/kg	37	118	1	8260B		8/21/2008	CJR	1
Dibromochloromethane	< 21	ug/kg	21	66	1	8260B		8/21/2008	CJR	1
1,4-Dichlorobenzene	< 42	ug/kg	42	132	1	8260B		8/21/2008	CJR	1
1,3-Dichlorobenzene	< 41	ug/kg	41	130	1	8260B		8/21/2008	CJR	1
1,2-Dichlorobenzene	< 32	ug/kg	32	103	1	8260B		8/21/2008	CJR	1
Dichlorodifluoromethane	< 33	ug/kg	33	105	1	8260B		8/21/2008	CJR	1
1,2-Dichloroethane	< 24	ug/kg	24	75	1	8260B		8/21/2008	CJR	1
1,1-Dichloroethane	< 22	ug/kg	22	69	1	8260B		8/21/2008	CJR	4 7

Project Name GREENFIELD
Project # 100-1296

Invoice # E17678

Lab Code 5017678A
Sample ID S103
Sample Matrix Soil
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1-Dichloroethene	< 27	ug/kg	27	87	1	8260B		8/21/2008	CJR	1
cis-1,2-Dichloroethene	< 24	ug/kg	24	77	1	8260B		8/21/2008	CJR	1
trans-1,2-Dichloroethene	< 29	ug/kg	29	92	1	8260B		8/21/2008	CJR	1
1,2-Dichloropropane	< 19	ug/kg	19	59	1	8260B		8/21/2008	CJR	1
2,2-Dichloropropane	< 115	ug/kg	115	365	1	8260B		8/21/2008	CJR	1
1,3-Dichloropropane	< 21	ug/kg	21	67	1	8260B		8/21/2008	CJR	1
Di-isopropyl ether	< 15	ug/kg	15	48	1	8260B		8/21/2008	CJR	1
EDB (1,2-Dibromoethane)	< 21	ug/kg	21	66	1	8260B		8/21/2008	CJR	1
Ethylbenzene	< 16	ug/kg	16	52	1	8260B		8/21/2008	CJR	1
Hexachlorobutadiene	< 50	ug/kg	50	159	1	8260B		8/21/2008	CJR	1
Isopropylbenzene	< 30	ug/kg	30	95	1	8260B		8/21/2008	CJR	1
p-Isopropyltoluene	< 30	ug/kg	30	95	1	8260B		8/21/2008	CJR	1
Methylene chloride	< 44	ug/kg	44	140	1	8260B		8/21/2008	CJR	1
Methyl tert-butyl ether (MTBE)	< 23	ug/kg	23	72	1	8260B		8/21/2008	CJR	1
Naphthalene	< 117	ug/kg	117	373	1	8260B		8/21/2008	CJR	1
n-Propylbenzene	< 29	ug/kg	29	93	1	8260B		8/21/2008	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	25	79	1	8260B		8/21/2008	CJR	1
1,1,1,2-Tetrachloroethane	< 27	ug/kg	27	87	1	8260B		8/21/2008	CJR	1
Tetrachloroethene	< 18	ug/kg	18	57	1	8260B		8/21/2008	CJR	1
Toluene	< 23	ug/kg	23	72	1	8260B		8/21/2008	CJR	1
1,2,4-Trichlorobenzene	< 53	ug/kg	53	169	1	8260B		8/21/2008	CJR	1
1,2,3-Trichlorobenzene	< 87	ug/kg	87	277	1	8260B		8/21/2008	CJR	1
1,1,1-Trichloroethane	< 27	ug/kg	27	84	1	8260B		8/21/2008	CJR	1
1,1,2-Trichloroethane	< 30	ug/kg	30	94	1	8260B		8/21/2008	CJR	1
Trichloroethene (TCE)	< 20	ug/kg	20	65	1	8260B		8/21/2008	CJR	1
Trichlorofluoromethane	< 16	ug/kg	16	51	1	8260B		8/21/2008	CJR	1
1,2,4-Trimethylbenzene	< 20	ug/kg	20	63	1	8260B		8/21/2008	CJR	1
1,3,5-Trimethylbenzene	< 24	ug/kg	24	77	1	8260B		8/21/2008	CJR	1
Vinyl Chloride	< 17	ug/kg	17	56	1	8260B		8/21/2008	CJR	1
m&p-Xylene	< 33	ug/kg	33	104	1	8260B		8/21/2008	CJR	1
o-Xylene	< 15	ug/kg	15	47	1	8260B		8/21/2008	CJR	1

Lab Code 5017678B
Sample ID S208
Sample Matrix Soil
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.1	%			1	5021		8/19/2008	MDK	1
Organic										
VOC's										
Benzene	< 20	ug/kg	20	64	1	8260B		8/21/2008	CJR	1
Bromobenzene	< 34	ug/kg	34	107	1	8260B		8/21/2008	CJR	1
Bromodichloromethane	< 16	ug/kg	16	51	1	8260B		8/21/2008	CJR	1
Bromoform	< 23	ug/kg	23	72	1	8260B		8/21/2008	CJR	1
tert-Butylbenzene	< 23	ug/kg	23	75	1	8260B		8/21/2008	CJR	1
sec-Butylbenzene	< 25	ug/kg	25	81	1	8260B		8/21/2008	CJR	1

Project Name GREENFIELD
Project # 100-1296

Invoice # E17678

Lab Code 5017678B
Sample ID S208
Sample Matrix Soil
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
n-Butylbenzene	< 35	ug/kg	35	110	1	8260B		8/21/2008	CJR	1
Carbon Tetrachloride	< 21	ug/kg	21	67	1	8260B		8/21/2008	CJR	1
Chlorobenzene	< 16	ug/kg	16	52	1	8260B		8/21/2008	CJR	1
Chloroethane	< 23	ug/kg	23	73	1	8260B		8/21/2008	CJR	1
Chloroform	< 50	ug/kg	50	160	1	8260B		8/21/2008	CJR	1
Chloromethane	< 43	ug/kg	43	136	1	8260B		8/21/2008	CJR	1
2-Chlorotoluene	< 31	ug/kg	31	97	1	8260B		8/21/2008	CJR	1
4-Chlorotoluene	< 24	ug/kg	24	77	1	8260B		8/21/2008	CJR	1
1,2-Dibromo-3-chloropropane	< 37	ug/kg	37	118	1	8260B		8/21/2008	CJR	1
Dibromochloromethane	< 21	ug/kg	21	66	1	8260B		8/21/2008	CJR	1
1,4-Dichlorobenzene	< 42	ug/kg	42	132	1	8260B		8/21/2008	CJR	1
1,3-Dichlorobenzene	< 41	ug/kg	41	130	1	8260B		8/21/2008	CJR	1
1,2-Dichlorobenzene	< 32	ug/kg	32	103	1	8260B		8/21/2008	CJR	1
Dichlorodifluoromethane	< 33	ug/kg	33	105	1	8260B		8/21/2008	CJR	1
1,2-Dichloroethane	< 24	ug/kg	24	75	1	8260B		8/21/2008	CJR	1
1,1-Dichloroethane	< 22	ug/kg	22	69	1	8260B		8/21/2008	CJR	4 7
1,1-Dichloroethene	< 27	ug/kg	27	87	1	8260B		8/21/2008	CJR	1
cis-1,2-Dichloroethene	< 24	ug/kg	24	77	1	8260B		8/21/2008	CJR	1
trans-1,2-Dichloroethene	< 29	ug/kg	29	92	1	8260B		8/21/2008	CJR	1
1,2-Dichloropropane	< 19	ug/kg	19	59	1	8260B		8/21/2008	CJR	1
2,2-Dichloropropane	< 115	ug/kg	115	365	1	8260B		8/21/2008	CJR	1
1,3-Dichloropropane	< 21	ug/kg	21	67	1	8260B		8/21/2008	CJR	1
Di-isopropyl ether	< 15	ug/kg	15	48	1	8260B		8/21/2008	CJR	1
EDB (1,2-Dibromoethane)	< 21	ug/kg	21	66	1	8260B		8/21/2008	CJR	1
Ethylbenzene	< 16	ug/kg	16	52	1	8260B		8/21/2008	CJR	1
Hexachlorobutadiene	< 50	ug/kg	50	159	1	8260B		8/21/2008	CJR	1
Isopropylbenzene	< 30	ug/kg	30	95	1	8260B		8/21/2008	CJR	1
p-Isopropyltoluene	< 30	ug/kg	30	95	1	8260B		8/21/2008	CJR	1
Methylene chloride	< 44	ug/kg	44	140	1	8260B		8/21/2008	CJR	1
Methyl tert-butyl ether (MTBE)	< 23	ug/kg	23	72	1	8260B		8/21/2008	CJR	1
Naphthalene	< 117	ug/kg	117	373	1	8260B		8/21/2008	CJR	1
n-Propylbenzene	< 29	ug/kg	29	93	1	8260B		8/21/2008	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	25	79	1	8260B		8/21/2008	CJR	1
1,1,1,2-Tetrachloroethane	< 27	ug/kg	27	87	1	8260B		8/21/2008	CJR	1
Tetrachloroethene	< 18	ug/kg	18	57	1	8260B		8/21/2008	CJR	1
Toluene	< 23	ug/kg	23	72	1	8260B		8/21/2008	CJR	1
1,2,4-Trichlorobenzene	< 53	ug/kg	53	169	1	8260B		8/21/2008	CJR	1
1,2,3-Trichlorobenzene	< 87	ug/kg	87	277	1	8260B		8/21/2008	CJR	1
1,1,1-Trichloroethane	< 27	ug/kg	27	84	1	8260B		8/21/2008	CJR	1
1,1,2-Trichloroethane	< 30	ug/kg	30	94	1	8260B		8/21/2008	CJR	1
Trichloroethene (TCE)	< 20	ug/kg	20	65	1	8260B		8/21/2008	CJR	1
Trichlorofluoromethane	< 16	ug/kg	16	51	1	8260B		8/21/2008	CJR	1
1,2,4-Trimethylbenzene	< 20	ug/kg	20	63	1	8260B		8/21/2008	CJR	1
1,3,5-Trimethylbenzene	< 24	ug/kg	24	77	1	8260B		8/21/2008	CJR	1
Vinyl Chloride	< 17	ug/kg	17	56	1	8260B		8/21/2008	CJR	1
m&p-Xylene	< 33	ug/kg	33	104	1	8260B		8/21/2008	CJR	1
o-Xylene	< 15	ug/kg	15	47	1	8260B		8/21/2008	CJR	1

Project Name GREENFIELD **Invoice #** E17678
Project # 100-1296

Lab Code 5017678C
Sample ID S302
Sample Matrix Soil
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.8	%			1	5021		8/19/2008	MDK	1
Organic										
VOC's										
Benzene	< 20	ug/kg	20	64	1	8260B		8/21/2008	CJR	1
Bromobenzene	< 34	ug/kg	34	107	1	8260B		8/21/2008	CJR	1
Bromodichloromethane	< 16	ug/kg	16	51	1	8260B		8/21/2008	CJR	1
Bromoform	< 23	ug/kg	23	72	1	8260B		8/21/2008	CJR	1
tert-Butylbenzene	< 23	ug/kg	23	75	1	8260B		8/21/2008	CJR	1
sec-Butylbenzene	< 25	ug/kg	25	81	1	8260B		8/21/2008	CJR	1
n-Butylbenzene	< 35	ug/kg	35	110	1	8260B		8/21/2008	CJR	1
Carbon Tetrachloride	< 21	ug/kg	21	67	1	8260B		8/21/2008	CJR	1
Chlorobenzene	< 16	ug/kg	16	52	1	8260B		8/21/2008	CJR	1
Chloroethane	< 23	ug/kg	23	73	1	8260B		8/21/2008	CJR	1
Chloroform	< 50	ug/kg	50	160	1	8260B		8/21/2008	CJR	1
Chloromethane	< 43	ug/kg	43	136	1	8260B		8/21/2008	CJR	1
2-Chlorotoluene	< 31	ug/kg	31	97	1	8260B		8/21/2008	CJR	1
4-Chlorotoluene	< 24	ug/kg	24	77	1	8260B		8/21/2008	CJR	1
1,2-Dibromo-3-chloropropane	< 37	ug/kg	37	118	1	8260B		8/21/2008	CJR	1
Dibromochloromethane	< 21	ug/kg	21	66	1	8260B		8/21/2008	CJR	1
1,4-Dichlorobenzene	< 42	ug/kg	42	132	1	8260B		8/21/2008	CJR	1
1,3-Dichlorobenzene	< 41	ug/kg	41	130	1	8260B		8/21/2008	CJR	1
1,2-Dichlorobenzene	< 32	ug/kg	32	103	1	8260B		8/21/2008	CJR	1
Dichlorodifluoromethane	< 33	ug/kg	33	105	1	8260B		8/21/2008	CJR	1
1,2-Dichloroethane	< 24	ug/kg	24	75	1	8260B		8/21/2008	CJR	1
1,1-Dichloroethane	< 22	ug/kg	22	69	1	8260B		8/21/2008	CJR	4 7
1,1-Dichloroethene	< 27	ug/kg	27	87	1	8260B		8/21/2008	CJR	1
cis-1,2-Dichloroethene	< 24	ug/kg	24	77	1	8260B		8/21/2008	CJR	1
trans-1,2-Dichloroethene	< 29	ug/kg	29	92	1	8260B		8/21/2008	CJR	1
1,2-Dichloropropane	< 19	ug/kg	19	59	1	8260B		8/21/2008	CJR	1
2,2-Dichloropropane	< 115	ug/kg	115	365	1	8260B		8/21/2008	CJR	1
1,3-Dichloropropane	< 21	ug/kg	21	67	1	8260B		8/21/2008	CJR	1
Di-isopropyl ether	< 15	ug/kg	15	48	1	8260B		8/21/2008	CJR	1
EDB (1,2-Dibromoethane)	< 21	ug/kg	21	66	1	8260B		8/21/2008	CJR	1
Ethylbenzene	< 16	ug/kg	16	52	1	8260B		8/21/2008	CJR	1
Hexachlorobutadiene	< 50	ug/kg	50	159	1	8260B		8/21/2008	CJR	1
Isopropylbenzene	< 30	ug/kg	30	95	1	8260B		8/21/2008	CJR	1
p-Isopropyltoluene	< 30	ug/kg	30	95	1	8260B		8/21/2008	CJR	1
Methylene chloride	< 44	ug/kg	44	140	1	8260B		8/21/2008	CJR	1
Methyl tert-butyl ether (MTBE)	< 23	ug/kg	23	72	1	8260B		8/21/2008	CJR	1
Naphthalene	< 117	ug/kg	117	373	1	8260B		8/21/2008	CJR	1
n-Propylbenzene	< 29	ug/kg	29	93	1	8260B		8/21/2008	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	25	79	1	8260B		8/21/2008	CJR	1
1,1,1,2-Tetrachloroethane	< 27	ug/kg	27	87	1	8260B		8/21/2008	CJR	1
Tetrachloroethene	400	ug/kg	18	57	1	8260B		8/21/2008	CJR	1
Toluene	< 23	ug/kg	23	72	1	8260B		8/21/2008	CJR	1
1,2,4-Trichlorobenzene	< 53	ug/kg	53	169	1	8260B		8/21/2008	CJR	1

Project Name GREENFIELD
Proiect # 100-1296

Invoice # E17678

Lab Code 5017678C
Sample ID S302
Sample Matrix Soil
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 87	ug/kg	87	277	1	8260B		8/21/2008	CJR	1
1,1,1-Trichloroethane	< 27	ug/kg	27	84	1	8260B		8/21/2008	CJR	1
1,1,2-Trichloroethane	< 30	ug/kg	30	94	1	8260B		8/21/2008	CJR	1
Trichloroethene (TCE)	< 20	ug/kg	20	65	1	8260B		8/21/2008	CJR	1
Trichlorofluoromethane	< 16	ug/kg	16	51	1	8260B		8/21/2008	CJR	1
1,2,4-Trimethylbenzene	< 20	ug/kg	20	63	1	8260B		8/21/2008	CJR	1
1,3,5-Trimethylbenzene	< 24	ug/kg	24	77	1	8260B		8/21/2008	CJR	1
Vinyl Chloride	< 17	ug/kg	17	56	1	8260B		8/21/2008	CJR	1
m&p-Xylene	< 33	ug/kg	33	104	1	8260B		8/21/2008	CJR	1
o-Xylene	< 15	ug/kg	15	47	1	8260B		8/21/2008	CJR	1

Lab Code 5017678D
Sample ID S402
Sample Matrix Soil
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.1	%			1	5021		8/19/2008	MDK	1
Organic										
VOC's										
Benzene	< 20	ug/kg	20	64	1	8260B		8/21/2008	CJR	1
Bromobenzene	< 34	ug/kg	34	107	1	8260B		8/21/2008	CJR	1
Bromodichloromethane	< 16	ug/kg	16	51	1	8260B		8/21/2008	CJR	1
Bromoform	< 23	ug/kg	23	72	1	8260B		8/21/2008	CJR	1
tert-Butylbenzene	< 23	ug/kg	23	75	1	8260B		8/21/2008	CJR	1
sec-Butylbenzene	< 25	ug/kg	25	81	1	8260B		8/21/2008	CJR	1
n-Butylbenzene	< 35	ug/kg	35	110	1	8260B		8/21/2008	CJR	1
Carbon Tetrachloride	< 21	ug/kg	21	67	1	8260B		8/21/2008	CJR	1
Chlorobenzene	< 16	ug/kg	16	52	1	8260B		8/21/2008	CJR	1
Chloroethane	< 23	ug/kg	23	73	1	8260B		8/21/2008	CJR	1
Chloroform	< 50	ug/kg	50	160	1	8260B		8/21/2008	CJR	1
Chloromethane	< 43	ug/kg	43	136	1	8260B		8/21/2008	CJR	1
2-Chlorotoluene	< 31	ug/kg	31	97	1	8260B		8/21/2008	CJR	1
4-Chlorotoluene	< 24	ug/kg	24	77	1	8260B		8/21/2008	CJR	1
1,2-Dibromo-3-chloropropane	< 37	ug/kg	37	118	1	8260B		8/21/2008	CJR	1
Dibromochloromethane	< 21	ug/kg	21	66	1	8260B		8/21/2008	CJR	1
1,4-Dichlorobenzene	< 42	ug/kg	42	132	1	8260B		8/21/2008	CJR	1
1,3-Dichlorobenzene	< 41	ug/kg	41	130	1	8260B		8/21/2008	CJR	1
1,2-Dichlorobenzene	< 32	ug/kg	32	103	1	8260B		8/21/2008	CJR	1
Dichlorodifluoromethane	< 33	ug/kg	33	105	1	8260B		8/21/2008	CJR	1
1,2-Dichloroethane	< 24	ug/kg	24	75	1	8260B		8/21/2008	CJR	1
1,1-Dichloroethane	< 22	ug/kg	22	69	1	8260B		8/21/2008	CJR	4 7
1,1-Dichloroethene	< 27	ug/kg	27	87	1	8260B		8/21/2008	CJR	1
cis-1,2-Dichloroethene	< 24	ug/kg	24	77	1	8260B		8/21/2008	CJR	1
trans-1,2-Dichloroethene	< 29	ug/kg	29	92	1	8260B		8/21/2008	CJR	1
1,2-Dichloropropane	< 19	ug/kg	19	59	1	8260B		8/21/2008	CJR	1
2,2-Dichloropropane	< 115	ug/kg	115	365	1	8260B		8/21/2008	CJR	1

Project Name GREENFIELD
Project # 100-1296

Invoice # E17678

Lab Code 5017678D
Sample ID S402
Sample Matrix Soil
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3-Dichloropropane	< 21	ug/kg	21	67	1	8260B		8/21/2008	CJR	1
Di-isopropyl ether	< 15	ug/kg	15	48	1	8260B		8/21/2008	CJR	1
EDB (1.2-Dibromoethane)	< 21	ug/kg	21	66	1	8260B		8/21/2008	CJR	1
Ethylbenzene	< 16	ug/kg	16	52	1	8260B		8/21/2008	CJR	1
Hexachlorobutadiene	< 50	ug/kg	50	159	1	8260B		8/21/2008	CJR	1
Isopropylbenzene	< 30	ug/kg	30	95	1	8260B		8/21/2008	CJR	1
p-Isopropyltoluene	< 30	ug/kg	30	95	1	8260B		8/21/2008	CJR	1
Methylene chloride	< 44	ug/kg	44	140	1	8260B		8/21/2008	CJR	1
Methyl tert-butyl ether (MTBE)	< 23	ug/kg	23	72	1	8260B		8/21/2008	CJR	1
Naphthalene	< 117	ug/kg	117	373	1	8260B		8/21/2008	CJR	1
n-Propylbenzene	< 29	ug/kg	29	93	1	8260B		8/21/2008	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	25	79	1	8260B		8/21/2008	CJR	1
1,1,1,2-Tetrachloroethane	< 27	ug/kg	27	87	1	8260B		8/21/2008	CJR	1
Tetrachloroethene	< 18	ug/kg	18	57	1	8260B		8/21/2008	CJR	1
Toluene	< 23	ug/kg	23	72	1	8260B		8/21/2008	CJR	1
1,2,4-Trichlorobenzene	< 53	ug/kg	53	169	1	8260B		8/21/2008	CJR	1
1,2,3-Trichlorobenzene	< 87	ug/kg	87	277	1	8260B		8/21/2008	CJR	1
1,1,1-Trichloroethane	< 27	ug/kg	27	84	1	8260B		8/21/2008	CJR	1
1,1,2-Trichloroethane	< 30	ug/kg	30	94	1	8260B		8/21/2008	CJR	1
Trichloroethene (TCE)	< 20	ug/kg	20	65	1	8260B		8/21/2008	CJR	1
Trichlorofluoromethane	< 16	ug/kg	16	51	1	8260B		8/21/2008	CJR	1
1,2,4-Trimethylbenzene	< 20	ug/kg	20	63	1	8260B		8/21/2008	CJR	1
1,3,5-Trimethylbenzene	< 24	ug/kg	24	77	1	8260B		8/21/2008	CJR	1
Vinyl Chloride	< 17	ug/kg	17	56	1	8260B		8/21/2008	CJR	1
m&p-Xylene	< 33	ug/kg	33	104	1	8260B		8/21/2008	CJR	1
o-Xylene	< 15	ug/kg	15	47	1	8260B		8/21/2008	CJR	1

Lab Code 5017678E
Sample ID B1
Sample Matrix Water
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.75	1	8260B		8/22/2008	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.4	1	8260B		8/22/2008	CJR	1
Bromodichloromethane	< 0.3	ug/l	0.3	0.94	1	8260B		8/22/2008	CJR	1
Bromoform	< 0.7	ug/l	0.7	2.2	1	8260B		8/22/2008	CJR	1
tert-Butylbenzene	< 0.32	ug/l	0.32	1	1	8260B		8/22/2008	CJR	1
sec-Butylbenzene	< 0.73	ug/l	0.73	2.3	1	8260B		8/22/2008	CJR	1
n-Butylbenzene	< 0.55	ug/l	0.55	1.8	1	8260B		8/22/2008	CJR	1
Carbon Tetrachloride	< 0.3	ug/l	0.3	0.96	1	8260B		8/22/2008	CJR	1
Chlorobenzene	< 0.39	ug/l	0.39	1.2	1	8260B		8/22/2008	CJR	1
Chloroethane	< 0.97	ug/l	0.97	3.1	1	8260B		8/22/2008	CJR	1
Chloroform	< 0.47	ug/l	0.47	1.5	1	8260B		8/22/2008	CJR	1
Chloromethane	< 0.5	ug/l	0.5	1.6	1	8260B		8/22/2008	CJR	1
2-Chlorotoluene	< 0.41	ug/l	0.41	1.3	1	8260B		8/22/2008	CJR	1
4-Chlorotoluene	< 0.3	ug/l	0.3	0.96	1	8260B		8/22/2008	CJR	1
1,2-Dibromo-3-chloropropane	< 1.7	ug/l	1.7	5.5	1	8260B		8/22/2008	CJR	1

Project Name GREENFIELD **Invoice #** E17678
Project # 100-1296

Lab Code 5017678E
Sample ID B1
Sample Matrix Water
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Dibromochloromethane	< 0.4	ug/l	0.4	1.3	1	8260B		8/22/2008	CJR	1
1,4-Dichlorobenzene	< 0.74	ug/l	0.74	2.3	1	8260B		8/22/2008	CJR	1
1,3-Dichlorobenzene	< 0.67	ug/l	0.67	2.1	1	8260B		8/22/2008	CJR	1
1,2-Dichlorobenzene	< 0.88	ug/l	0.88	2.8	1	8260B		8/22/2008	CJR	1
Dichlorodifluoromethane	< 0.76	ug/l	0.76	2.4	1	8260B		8/22/2008	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		8/22/2008	CJR	1
1,1-Dichloroethane	< 0.59	ug/l	0.59	1.9	1	8260B		8/22/2008	CJR	3
1,1-Dichloroethene	< 0.5	ug/l	0.5	1.6	1	8260B		8/22/2008	CJR	1
cis-1,2-Dichloroethene	< 0.44	ug/l	0.44	1.4	1	8260B		8/22/2008	CJR	1
trans-1,2-Dichloroethene	< 0.61	ug/l	0.61	2	1	8260B		8/22/2008	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.85	1	8260B		8/22/2008	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.7	1	8260B		8/22/2008	CJR	8
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		8/22/2008	CJR	1
Di-isopropyl ether	< 0.37	ug/l	0.37	1.2	1	8260B		8/22/2008	CJR	1
EDB (1,2-Dibromoethane)	< 0.76	ug/l	0.76	2.4	1	8260B		8/22/2008	CJR	1
Ethylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		8/22/2008	CJR	1
Hexachlorobutadiene	< 1.7	ug/l	1.7	5.3	1	8260B		8/22/2008	CJR	1
Isopropylbenzene	< 0.6	ug/l	0.6	1.9	1	8260B		8/22/2008	CJR	1
p-Isopropyltoluene	< 0.77	ug/l	0.77	2.5	1	8260B		8/22/2008	CJR	1
Methylene chloride	< 0.99	ug/l	0.99	3.1	1	8260B		8/22/2008	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.7	ug/l	0.7	2.2	1	8260B		8/22/2008	CJR	1
Naphthalene	< 1.8	ug/l	1.8	5.7	1	8260B		8/22/2008	CJR	1
n-Propylbenzene	< 0.54	ug/l	0.54	1.7	1	8260B		8/22/2008	CJR	1
1,1,2,2-Tetrachloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		8/22/2008	CJR	1
1,1,1,2-Tetrachloroethane	< 0.32	ug/l	0.32	1	1	8260B		8/22/2008	CJR	1
Tetrachloroethene	< 0.5	ug/l	0.5	1.6	1	8260B		8/22/2008	CJR	1
Toluene	0.83 "J"	ug/l	0.39	1.2	1	8260B		8/22/2008	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.5	1	8260B		8/22/2008	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5	1	8260B		8/22/2008	CJR	1
1,1,1-Trichloroethane	< 0.28	ug/l	0.28	0.9	1	8260B		8/22/2008	CJR	1
1,1,2-Trichloroethane	< 0.39	ug/l	0.39	1.2	1	8260B		8/22/2008	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		8/22/2008	CJR	1
Trichlorofluoromethane	< 0.81	ug/l	0.81	2.6	1	8260B		8/22/2008	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B		8/22/2008	CJR	1
1,3,5-Trimethylbenzene	< 0.23	ug/l	0.23	0.74	1	8260B		8/22/2008	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.63	1	8260B		8/22/2008	CJR	1
m&p-Xylene	< 1	ug/l	1	3.2	1	8260B		8/22/2008	CJR	1
o-Xylene	< 0.67	ug/l	0.67	2.1	1	8260B		8/22/2008	CJR	1

Lab Code 5017678F
Sample ID B2
Sample Matrix Water
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.75	1	8260B		8/22/2008	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.4	1	8260B		8/22/2008	CJR	1
Bromodichloromethane	< 0.3	ug/l	0.3	0.94	1	8260B		8/22/2008	CJR	1

Project Name GREENFIELD
Project # 100-1296

Invoice # E17678

Lab Code 5017678F
Sample ID B2
Sample Matrix Water
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Bromoform	< 0.7	ug/l	0.7	2.2	1	8260B		8/22/2008	CJR	1
tert-Butylbenzene	< 0.32	ug/l	0.32	1	1	8260B		8/22/2008	CJR	1
sec-Butylbenzene	< 0.73	ug/l	0.73	2.3	1	8260B		8/22/2008	CJR	1
n-Butylbenzene	< 0.55	ug/l	0.55	1.8	1	8260B		8/22/2008	CJR	1
Carbon Tetrachloride	< 0.3	ug/l	0.3	0.96	1	8260B		8/22/2008	CJR	1
Chlorobenzene	< 0.39	ug/l	0.39	1.2	1	8260B		8/22/2008	CJR	1
Chloroethane	< 0.97	ug/l	0.97	3.1	1	8260B		8/22/2008	CJR	1
Chloroform	< 0.47	ug/l	0.47	1.5	1	8260B		8/22/2008	CJR	1
Chloromethane	< 0.5	ug/l	0.5	1.6	1	8260B		8/22/2008	CJR	1
2-Chlorotoluene	< 0.41	ug/l	0.41	1.3	1	8260B		8/22/2008	CJR	1
4-Chlorotoluene	< 0.3	ug/l	0.3	0.96	1	8260B		8/22/2008	CJR	1
1,2-Dibromo-3-chloropropane	< 1.7	ug/l	1.7	5.5	1	8260B		8/22/2008	CJR	1
Dibromochloromethane	< 0.4	ug/l	0.4	1.3	1	8260B		8/22/2008	CJR	1
1,4-Dichlorobenzene	< 0.74	ug/l	0.74	2.3	1	8260B		8/22/2008	CJR	1
1.3-Dichlorobenzene	< 0.67	ug/l	0.67	2.1	1	8260B		8/22/2008	CJR	1
1,2-Dichlorobenzene	< 0.88	ug/l	0.88	2.8	1	8260B		8/22/2008	CJR	1
Dichlorodifluoromethane	< 0.76	ug/l	0.76	2.4	1	8260B		8/22/2008	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		8/22/2008	CJR	1
1.1-Dichloroethane	< 0.59	ug/l	0.59	1.9	1	8260B		8/22/2008	CJR	3
1,1-Dichloroethene	< 0.5	ug/l	0.5	1.6	1	8260B		8/22/2008	CJR	1
cis-1,2-Dichloroethene	< 0.44	ug/l	0.44	1.4	1	8260B		8/22/2008	CJR	1
trans-1,2-Dichloroethene	< 0.61	ug/l	0.61	2	1	8260B		8/22/2008	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.85	1	8260B		8/22/2008	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.7	1	8260B		8/22/2008	CJR	8
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		8/22/2008	CJR	1
Di-isopropyl ether	< 0.37	ug/l	0.37	1.2	1	8260B		8/22/2008	CJR	1
EDB (1,2-Dibromoethane)	< 0.76	ug/l	0.76	2.4	1	8260B		8/22/2008	CJR	1
Ethylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		8/22/2008	CJR	1
Hexachlorobutadiene	< 1.7	ug/l	1.7	5.3	1	8260B		8/22/2008	CJR	1
Isopropylbenzene	< 0.6	ug/l	0.6	1.9	1	8260B		8/22/2008	CJR	1
p-Isopropyltoluene	< 0.77	ug/l	0.77	2.5	1	8260B		8/22/2008	CJR	1
Methylene chloride	< 0.99	ug/l	0.99	3.1	1	8260B		8/22/2008	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.7	ug/l	0.7	2.2	1	8260B		8/22/2008	CJR	1
Naphthalene	< 1.8	ug/l	1.8	5.7	1	8260B		8/22/2008	CJR	1
n-Propylbenzene	< 0.54	ug/l	0.54	1.7	1	8260B		8/22/2008	CJR	1
1,1,2,2-Tetrachloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		8/22/2008	CJR	1
1,1,1,2-Tetrachloroethane	< 0.32	ug/l	0.32	1	1	8260B		8/22/2008	CJR	1
Tetrachloroethene	< 0.5	ug/l	0.5	1.6	1	8260B		8/22/2008	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	8260B		8/22/2008	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.5	1	8260B		8/22/2008	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5	1	8260B		8/22/2008	CJR	1
1,1,1-Trichloroethane	< 0.28	ug/l	0.28	0.9	1	8260B		8/22/2008	CJR	1
1,1,2-Trichloroethane	< 0.39	ug/l	0.39	1.2	1	8260B		8/22/2008	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		8/22/2008	CJR	1
Trichlorofluoromethane	< 0.81	ug/l	0.81	2.6	1	8260B		8/22/2008	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B		8/22/2008	CJR	1
1,3,5-Trimethylbenzene	< 0.23	ug/l	0.23	0.74	1	8260B		8/22/2008	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.63	1	8260B		8/22/2008	CJR	1
m&p-Xylene	< 1	ug/l	1	3.2	1	8260B		8/22/2008	CJR	1

Project Name GREENFIELD
Project # 100-1296

Invoice # E17678

Lab Code 5017678F
Sample ID B2
Sample Matrix Water
Sample Date 8/15/2008

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
o-Xylene	< 0.67	ug/l	0.67	2.1	1	8260B		8/22/2008	CJR	1

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

Code	*Comment*
1	Laboratory QC within limits.
3	The matrix spike not within established limits.
4	The continuing calibration standard not within established limits.
7	The LCS not within established limits.
8	Closing calibration standard not within established limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight.

Authorized Signature

Northern Environmental
Hydrologists • Engineers • Surveyors • Scientists

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

Page 1 of 1
No: 3153

Check office originating request

☐ 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
☐ 647 Academy Drive, Northbrook, IL 60062, 847-562-8577, FAX 847-562-8552
☐ 3349 Southgate Court SW #102, Cedar Rapids, IA 52404, 319-365-0466, FAX 319-365-0464
☐ _____
☒ 12075 N. Corporate Pkwy, Ste 210, Mequon, WI 53092, 262-241-3133, FAX 262-241-8222
☐ 1203 Storbeck Drive, Waupun, WI 53963, 920-324-8600, FAX 920-324-3023
☐ 203 West Upham Street, Marshfield, WI 54449, 715-486-1300, FAX 715-486-1313
☐ 15851 S. U.S. 27 - Bldg. 30, Suite 318, Lansing, MI 48906, 517-702-0470, FAX 517-702-0477

Project No: 100-1296 Task No:
Project Location: (city) Greenfield WI
Project Manager: C. Hatfield
Sampler: (name) A. Swaim
Sampler: (Signature) Andrew J Swaim
Sampling Date(s): 8/15/08
Reports to be Sent to: A. Swaim

Laboratory: Synergy
Wisconsin DNR Certification #:
Laboratory Contact: M. Rzkor
Price Quote:

TURNAROUND TIME REQUIRED
☐ Normal ☒ Rush
Date Needed 8/25/08

Sample Integrity - To be completed by receiving lab
Seal intact upon receipt ☒ yes ☐ no
Method of shipment Driver
Contents Temperature Cold °C Refrigerator No. _____

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
30478A	S103	8-15-08	11:00	1x40mL		X		MeOH					X		
B	S208	8-15-08	11:40	↓		X		↓					X		
C	S302	8-15-08	12:50	↓		X		↓					X		
D	S303	8-15-08	12:52	↓		X		↓					X		
E	B1	8/15/08	12:30	2x40mL	X			HCl					X		
F	B2	8/15/08	12:45	1x40mL	X			HCl					X		

Packed for Shipping by: A. Swaim
Shipment Date: 8/15/08

Comments: Could not collect empty VOA water from B1 + B2 for full 3 sample vials. Change Sample ID S303 to S402 per A. Swaim - CJR 8/18/08

Relinquished By: AJS	Date: 8/15/08	Relinquished By:	Date:	Relinquished By:	Date:
Company: NETI	Time: 1:50	Company:	Time:	Company:	Time:
Received By:	Date:	Received By:	Date: 8/18/08	Received By:	Date:
Company:	Time:	Company: Synergy	Time: 11:20	Company:	Time: