



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Plymouth Service Center
1155 Pilgrim Rd.
P.O. Box 408
Plymouth, Wisconsin 53073-0408
Telephone 920-892-8756
FAX 920-892-6638

January 27, 2006

Bob and Lois Seidensticker
615 Highland View Drive
West Bend, WI 53095

Dear Mr. and Mrs. Seidensticker:

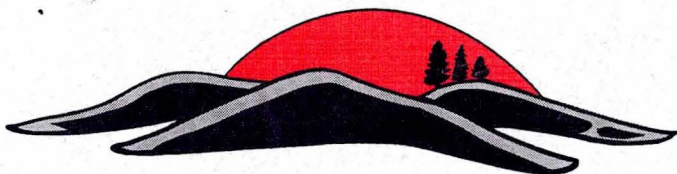
Subject: Case closure, Ol Tyme Grafton, Inc., 1229-1231 file reference FID #246042940, BRRTS
#0246543784.

Thank you for having your consultant submit the additional items that we asked for. The department considers this case to be closed. If you have any questions about this letter, please call me at 920-892-8756, extension 3023.

Sincerely,

John Feeney
Wisconsin Department of Natural Resources

Cc: Moraine Environmental, Inc.
SER File

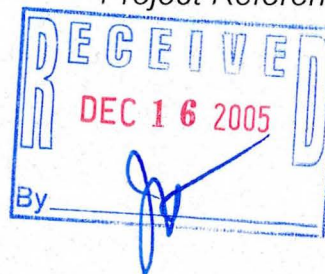


Moraine Environmental, Inc.
Environmental Management Services

15 December, 2005

Project Reference #3042

Ms. Vicky Stovall
Wisconsin Department of Natural Resources
Southeast District
2300 North Dr. Martin Luther King Drive
Milwaukee, WI 53212 - 3128



Re: BRRTs #02 – 46 – 543784
FID #246042940
Ol Tyme Grafton, Inc., 1229 – 31 11th Avenue, Grafton, WI

Dear Vicky:

Please have the project manager that took Michelle Williams position issue a final closure letter for the above subject site. Attached as justification for the closure are the following:

- Monitoring well abandonment form and associated construction diagram for MW – 1.
- Waste Manifest and scale ticket for 0.19 tons of low level chlorinated soil at the Waste Management Orchard Ridge, Menomonee Falls, WI.

Please note there was no purgewater collected in drums based on the low level concentrated groundwater sample

If you have any questions, please contact me at (262) 377 – 9060.

Sincerely,
MORaine ENVIRONMENTAL, INC.

Thomas C. Sweet
President
Enclosures
TCS/vlb

F:\WORD\Mswiah30\3042 WDNR Closure Request.doc

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, 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. Return form to the appropriate DNR office and bureau. See instructions on reverse 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
		Ozaukee
Common Well Name	Gov't Lot # (if applicable)	
MW-1		
1/4 1/4	1/4	Section
	NE	24
		Township
		10 N
		Range
		21
		☒ E ☐ W
Grid Location		
Feet	☐ N ☐ S	Feet
		☐ E ☐ W
☐ Local Grid Origin		
☐ (estimated) OR ☐ Well Location		
Latitude: DEG MIN SEC		
Longitude: DEG MIN SEC		
Reason For Abandonment		
Site Closure		
WI Unique Well No. of Replacement Well		

3. Well / Drillhole / Borehole Information

☒ Monitoring Well	Original Construction Date
☐ Water Well	7/9/2005
☐ Borehole / Drillhole	If a Well Construction Report is available, please attach. Attached
Construction Type:	
☒ Drilled	☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____	

Formation Type:

☐ Unconsolidated Formation ☒ Bedrock

Total Well Depth From Groundsurface (ft.)	Casing Diameter (in.)
20'	2"
Lower Drillhole Diameter (in.)	Casing Depth (ft.)
6 1/4	20'

Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
N/A	12'

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	20'	1 Bag Chips (40 lbs)	Hydrated

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work		Date of Abandonment		DNR Use Only	
Moraine Environmental, Inc.		11/16/05		Date Received	Noted By
Street or Route		Telephone Number		Comments	
1402 7th Avenue		(262) 377-9860			
City	State	ZIP Code	Signature of Person Doing Work		Date Signed
Grafton	WI	53024	[Signature]		12/13/05

2. Facility / Owner Information

Facility Name		
OL Tyme Grafton		
Facility ID	License/Permit/Monitoring No.	
City, Village or Town		
Grafton		
Street Address of Well		
1229-1231 11th Avenue, Grafton		
Present Well Owner	Original Well Owner	
Sarah McCutchan	Bob & Lois Seidensticker	
Street Address or Route of Owner		
1229-1231 11th Avenue		
City	State	ZIP Code
Grafton	WI	53024

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes ☐ No ☒ N/A
Liner(s) removed?	☐ Yes ☐ No ☒ N/A
Screen removed?	☐ Yes ☒ No ☐ N/A
Casing left in place?	☐ Yes ☐ No ☒ N/A
Was casing cut off below surface?	☒ Yes ☐ No ☐ N/A
Did sealing material rise to surface?	☐ Yes ☐ No ☐ N/A
Did material settle after 24 hours?	☐ Yes ☐ No ☐ N/A
If yes, was hole retopped?	☐ Yes ☐ No ☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes ☐ No ☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity	☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips)	☐ Other (Explain): _____

Sealing Materials

☐ Neat Cement Grout	☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout	☐ Bentonite-Sand Slurry " "
☐ Concrete	☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

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

Facility/Project Name <u>01 Type Grafter, Inc.</u>	Local Grid Location of Well <u>N.A.</u> ft. ☐ N. ☐ S. ☐ E. ☐ W.	Well Name <u>MW-1</u>
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. _____ "Long. _____ "or _____	Wis. Unique Well No. <u>PI 209</u> DNR Well ID No. <u>MW1</u>
Facility ID <u>981201593</u>	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed <u>09/09/2005</u> m m d d y y y y
Type of Well Well Code <u>1</u>	Section Location of Waste/Source <u>1/4 of NE 1/4 of Sec. 24, T. 10 N, R. 21</u> ☒ E ☐ W	Well Installed By: Name (first, last) and Firm <u>Badger State Drilling, Inc.</u>
Distance from Waste/Source <u>5</u> ft.	Enf. Stds. Apply ☒ Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☒ Not Known	Gov. Lot Number _____

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or _____ ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☒ 50
Hollow Stem Auger ☒ 41
Other ☐

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

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top _____ ft. MSL or 0.2 ft.

F. Fine sand, top _____ ft. MSL or 1.0 ft.

G. Filter pack, top _____ ft. MSL or 9.2 ft.

H. Screen joint, top _____ ft. MSL or 10.2 ft.

I. Well bottom _____ ft. MSL or 20.2 ft.

J. Filter pack, bottom _____ ft. MSL or 20.2 ft.

K. Borehole, bottom _____ ft. MSL or 20.2 ft.

L. Borehole, diameter _____ in.

M. O.D. well casing _____ in.

N. I.D. well casing _____ in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:

a. Inside diameter: _____ in.

b. Length: _____ 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

Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33

b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35

c. _____ Lbs/gal mud weight ... Bentonite slurry ☐ 31

d. _____ % Bentonite ... Bentonite-cement grout ☐ 50

e. _____ Ft³ volume added for any of the above

f. How installed: Tremie ☐ 01

Tremie pumped ☐ 02

Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33

b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32

c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size

a. _____

b. Volume added _____ ft³

8. Filter pack material: Manufacturer, product name & mesh size

a. _____

b. Volume added _____ ft³

9. Well casing: Flush threaded PVC schedule 40 ☐ 23

Flush threaded PVC schedule 80 ☐ 24

Other ☐

10. Screen material: PVC

a. Screen type: Factory cut ☒ 11

Continuous slot ☐ 01

Other ☐

b. Manufacturer _____

c. Slot size: _____ 0.01 in.

d. Slotted length: 10.0

11. Backfill material (below filter pack): None ☒ 10

Other ☐

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

Signature

Firm

James G. Ryan

Meraine Environmental, Inc.

SPECIAL WASTE MANIFEST DISPOSAL TICKET

721069



A Waste Management Company

BILL TO: Moraine Environmental, Inc 2432

TRANSPORTER: Moraine Environmental, Inc

GENERATOR: OL Tyme Grafton, Inc

GENERATORS SIGNATURE: [Signature] / /
Date

WASTE DESCRIPTION: waste Tetrachloroethylene contaminated soil (low level)

PROFILE # ~~1000~~ 487782

ACCEPTED BY: [Signature] / 11/21/05
Date

DRIVERS SIGNATURE: [Signature] / 11/21/05
Date

TRUCK NO. 2450

TONS/YARDS

DRIVER: (PLEASE SIGN BELOW)

REFERENCE NO.

289454

11/21/2005

DRIVER SIGN HERE

LOC ID LOCATION-INTY

MILW

MILWAUKEE

ST FLS

WI 1001

STR Rozplok

GROSS: 5.290

TARE: 5.100

NET: 0.190

Oper

Time

Date

In: ACL 10:57 AM 11/21/2005

Out: ACL 11:07 AM 11/21/2005

Orchard Ridge RDF
W124 N9355 Boundary Road

Menomonee Falls, WI 53051

262-253-8620

FAX: 262-253-1322

COMMENTS

CUSTOMER NO.

TRUCK NO.

0002432

2

PROFILE NO.

MW487782

MANIFEST NO.

721049

PERMIT NO.

CUSTOMER

MORaine - MW487782

1402 7TH AVENUE

BRAFTON

WI 53024

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
TSW	SPECIAL WASTE-TON	0.00	
ENF	WI GENERATOR TAX/FEE	0.00	

ORIGINAL

CAMBRIDGE BUSINESS FORMS, INC. • (847) 519-1800

WM0091



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-3128
FAX 414-263-8606
Telephone 414-263-8500
TTY Access via relay - 711

September 29, 2005

Bob and Lois Seidensticker
615 Highland View Drive
West Bend, WI 53095

Subject: Conditional Closure Decision With NR 140 Exemption,
With Requirements to achieve No Further Action
Ol Tyme Grafton, Inc. 1229-1231 11th Ave., Grafton, WI
WDNR BRRTS Activity # 02-46-543784 WDNR FID# 246042940

Dear Mr. And Mrs. Seidensticker:

On September 29, 2005, the Wisconsin Department of Natural Resources(WDNR) reviewed your request for closure of the case described above. The WDNR reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the No Further Action request, the WDNR has determined that the tetrachloroethylene contamination on the site from the rear of the building appears to have been investigated and remediated to the extent practicable under site conditions. No further actions or investigations are required in accordance with s. NR 708.09, Wis. Adm. Code and will be closed if the following conditions are satisfied:

MONITORING WELL ABANDONMENT

The monitoring wells MW-1 at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Michelle Williams on Form 3300-5B found at www.dnr.state.wi.us/org/water/dwg/gw/ or provided by the Department of Natural Resources.

PURGE WATER, WASTE AND SOIL PILE REMOVAL

Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Please send a letter advising me that any remaining purge water, waste and/or soil piles have been removed once that work is completed.

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. To review the site on the GIS Registry web page, visit <http://maps.dnr.state.wi.us/brrts>.

Recent groundwater monitoring data at this site indicates an exceedance of the NR 140 preventive action limit (PAL) for tetrachloroethylene(PCE) at MW-1, but compliance with the NR 140 enforcement standard. The Department may grant an exemption to a PAL for a substance of public health concern, other than nitrate, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, if all of the following criteria are met:

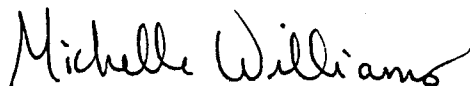
1. The measured or anticipated increase in the concentration of the substance will be minimized to the extent technically and economically feasible.
2. Compliance with the PAL is either not technically or economically feasible.
3. The enforcement standard for the substance will not be attained or exceeded at the point of standards application.
4. Any existing or projected increase in the concentration of the substance above the background concentration does not present a threat to public health or welfare.

Based on the information you provided, the Department believes that the above criteria have been met because the presence of PCE in the soil is very limited. Therefore, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, an exemption to the PAL is granted for tetrachloroethylene at MW-1. This letter serves as your exemption.

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.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 414-263-8564.

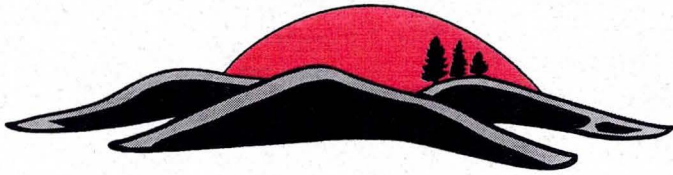
Sincerely,



Michelle Williams
Hydrogeologist
Bureau for Remediation & Redevelopment

Enclosure

cc: Bill Phelps, DG/2
Tom Sweet, Moraine Environmental Services
SER file



Moraine Environmental, Inc.

Environmental Management Services

September 21, 2005

Project Reference No. 3042

Ms. Michelle Williams, Hydrogeologist
Wisconsin Department of Natural Resources
Southeast Region Headquarters
2300 North Martin Luther King Jr. Drive
Milwaukee, Wisconsin 53212

02-46-543784
FID 246042940
262-377-9770 fax

Dear Ms. Williams:

**RE: Summary of Environmental Investigations and
Request for No Action Required or No Further Action Status
OI Tyme Grafton Property, 1229 - 1231 11th Avenue, Grafton, Wisconsin**

Moraine Environmental, Inc. (Moraine) has completed a series of subsurface investigation activities at the OI Tyme Grafton property located at 1229 – 1231 11th Avenue in the Village of Grafton in Ozaukee County, Wisconsin. The work was completed for Bob and Lois Seidensticker, the owners of the subject property. The purpose of this letter report is to present the findings, conclusions and recommendations resulting from the environmental investigation activities. The purpose of the investigation was to determine if a release of chlorinated compounds had occurred over time during operation of the dry cleaning operation that conducted business in the north half of the one on-site building from 1981 to June 2005.

The following investigative activities were completed at the subject site:

- A direct-push (Geoprobe) soil boring investigation consisting of the advancement of three borings.
- Analysis of one soil sample from each of the above-described soil borings.
- The installation of one groundwater monitoring well into the dolomite bedrock beneath the subject site.
- Development and sampling of the groundwater monitoring well.

A description of these activities follows below.

Geoprobe Soil Boring Investigation / Soil Sampling

On July 18, 2005, a Moraine geologist used a van-mounted geoprobe and pneumatic hammer to advance three soil borings on the subject property. The locations of the borings are shown on the site map in Attachment A. The borings were advanced from the ground surface to the top of the bedrock surface. Soil boring logs for these borings

1402 7th Avenue • Grafton, WI 53024-2330 • (262) 377-9060 • FAX (262) 377-9770 • (800) 920-2205

Email: moraine@execpc.com • www.moraineenvironmental.com

are provided in Attachment B. One soil sample from each boring was collected for analysis of volatile organic compounds (VOC's) including the dry cleaning solvent tetrachloroethylene (PCE). The soil sample locations on the subject site are described below:

Boring No. G-1	Behind building near air conditioners
Boring No. G-2	Interior of building through the basement floor beneath former dry cleaning machines
Boring No. G-3	Front of building in planter area

The results of the soil sample analysis for PCE are summarized below:

Boring No.	Depth (ft)	PCE (ug/kg)
G-1	4 – 6	90
G-2	4 – 7	<25
G-3	4 – 6	<25

The laboratory analytical results for these samples are provided in Attachment C.

The identification of 90 ug/kg in the soil sample from four to six feet below ground surface for PCE in the soil sample from boring G-1 indicates that earlier activities on the site may have impacted the shallow soils in the area of the air conditioning units. It is possible that past storage or loading of new or waste dry cleaning solvents may have resulted in the spillage or release of PCE into the environment. It is noted that the NR 700 series of administrative codes do not specify a generic residual contaminant level in soils for PCE.

Groundwater Monitoring Well Installation and Sampling

On September 9, 2005, a Moraine environmental engineer documented the drilling of one (1) soil boring and installation of one (1) bedrock groundwater monitoring well behind the building in the location shown on Attachment A. Badger State Drilling, Inc. (Badger State) from Stoughton, Wisconsin was contracted by Moraine to install this well. Badger State used a Dietrich 120 drill rig and an Ingersol Rand air compressor to advance the boring into the dolomite bedrock. The depth to bedrock at the monitoring well location was seven feet below ground surface. The soils in the upper seven feet of this boring consisted of a brown sand with some cobbles and gravel. The soils were dry and there was no solvent odor identified in the soil cuttings. There were no soil samples collected for laboratory analysis from this interval. Since the area was previously continuously sampled with a Geoprobe (Boring G-1) Badger State used air rotary drilling techniques to advance the boring from the top of the bedrock surface (seven feet below ground surface) to the termination depth of the boring at 20.2 feet below ground surface. A two-inch diameter PVC well screen was placed from about 10.2 feet to 20.2

feet below ground surface. Blank two-inch diameter PVC riser pipe was installed from 10.2 feet to about five inches below surface grade. A flush mount cover was placed over the well at the asphalt pavement grade. A soil boring log and well construction diagram for the monitoring well are provided in Attachment D.

The monitoring well was developed by Moraine on September 11, 2005 in accordance with NR 141 protocol. Approximately 45 gallons of water was removed from the well during the development efforts. The depth to the groundwater prior to development was about 10 feet below ground surface. The groundwater was clear upon the completion of the well development.

One groundwater sample was collected from the monitoring well by Moraine on September 13, 2005. Approximately three gallons of water were purged from the well prior to the sample collection, again in compliance with NR 141 protocol. The groundwater sample was submitted to the Pace Analytical Services, Inc. laboratory in Green Bay, Wisconsin for analysis for VOC's in accordance with USEPA Test Method SW 846 5030B. A copy of the laboratory analytical results for this sample is provided in Attachment E. There was a detect of 2.1 ug/l for PCE in this sample and there were no detects for any of the remaining compounds analyzed. As the NR 140 Preventive Action Limit (PAL) for PCE is 0.5 ug/l, the finding from this analysis constitutes a PAL exceedence for PCE. The 2.1 ug/l concentration for PCE in this well is below the NR 140 Enforcement Standard for PCE of 5.0 ug/l.

Response Actions to an NR 140 Preventive Action Limit Exceedence

The design and compliance point of standards application for groundwater monitoring is discussed in Section NR 140.22 of the Wisconsin Administrative Code (WAC). The design point of standards application is any point of present groundwater use. Groundwater is used as a source of water for the municipal water supply system for the Village of Grafton. Therefore, the monitoring well on the subject site is a design point of NR 140 standards application. The compliance point of standards application is any point at which groundwater is monitored. Therefore, the monitoring well on the subject site is also a compliance point of NR 140 standards application.

The responses required by the responsible party when a PAL exceedence is identified at a point of standards application are specified in NR 140.24 of the WAC. The initial requirement is a notification and assessment of groundwater quality exceedence. This letter report constitutes the required notification of the PAL exceedence to the Wisconsin Department of Natural Resources (WDNR). A preliminary analysis of the cause of the finding of PCE in the soil and groundwater is the possible spillage or disposal of dry cleaning solvent in the rear area of the property. It is our opinion that the PCE concentration of 2.1 ug/l does not constitute a significant threat to local groundwater quality.

As specified in NR 140.24 (4), the no action response can only be approved by the WDNR for those sites or facilities having a design management zone. Therefore, on behalf of the owners of the Ol Tyme Grafton property, Moraine is requesting Department approval of a PAL exemption under NR 140.28 (2) (b) of the WAC. NR

140.28 (2) (b) specifies that the Department may grant a PAL exemption in those cases where the background concentration of the contaminant of concern (PCE) is less than the PAL concentration for that substance. In this case, we do not have a groundwater monitoring well on the site in a background groundwater location relative to the suspected spill / disposal area in the rear of the property. PCE is not a naturally occurring compound in groundwater systems and therefore would not be anticipated to be present in the background groundwater of the subject site. Therefore, we would expect a background groundwater concentration for PCE to be less than the PAL value of 0.5 ug/l. The four items which must occur for this exemption to be approved under NR 140.28 (2) (b) are addressed below:

1. The measured or anticipated increase in the concentration of the substance will be minimized to the extent technically and economically feasible.

Active dry cleaning operations took place at the 1229 – 1231 11th Avenue site from 1981 through approximately the year 2000. No additional disposal of dry cleaning solvents will take place at the subject site and therefore, no increase in the concentrations of PCE in the soils or groundwater is expected.

2. Compliance with the preventive action limit is either not technically or economically feasible.

Remediation of groundwater in fractured bedrock, while technically feasible, does present technical challenges. The technical challenges include defining the complete degree and extent of the groundwater impacts and determining an effective mechanism to pump groundwater for treatment or transmit nutrients or other compounds to the groundwater as part of a remedial action. The costs for active groundwater remediation at the subject site are expected to be significant relative to the identified PCE concentration of 2.1 ug/l.

3. The enforcement standard for that substance will not be attained or exceeded at the point of standards application.

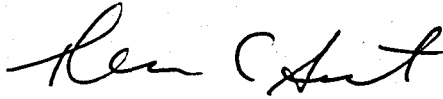
As active dry cleaning has ceased at the subject site several years ago, no further spillage or disposal of PCE will take place on the property. As no additional PCE will be disposed at the site, the current PAL exceedence is not expected to increase to levels in the groundwater exceeding the ES concentrations.

4. Any existing or projected increase in the concentration of the substance above the background concentration does not present a threat to public health or welfare.

The Village of Grafton does not allow the construction of private potable water supply wells within the municipal limits. Therefore, the public can not utilize the groundwater in the vicinity of the subject site for potable water supply purposes. The PAL exceedence does not represent a threat to public health or welfare.

On behalf of Bob and Lois Seidensticker, we ask for Department review and approval of this site investigation and PAL exemption request. Thank you for your continued assistance with this project and please call our office at (262) 377-9060 if you have any questions or require additional information.

Sincerely,
MORaine ENVIRONMENTAL, INC.



Thomas C. Sweet
President



Thomas G. Ryan, P. E.
Project Engineer

TCS/vlb

Enclosures

cc: Dan Schneider, Coldwell Banker
Via fax @ 262-241-5814

Bob and Lois Seidensticker

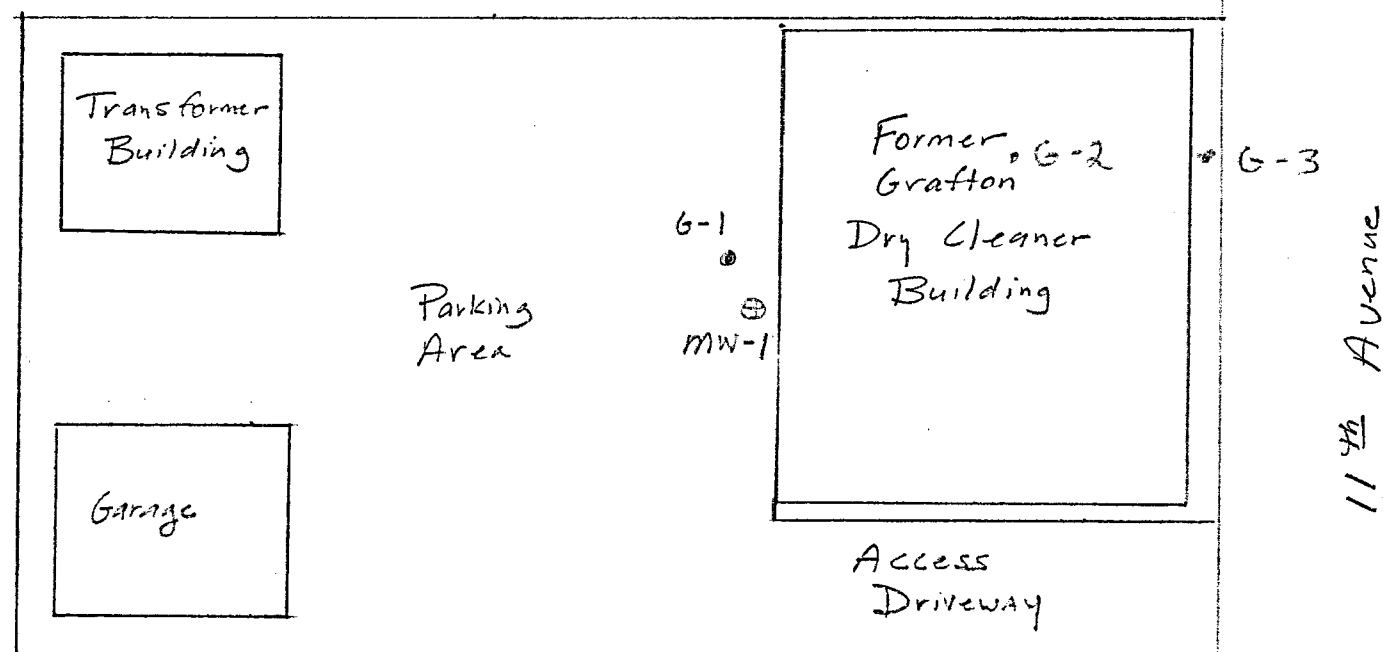
Attachment A

Site Map (Field Drawing)

4^N

Single Family Residences

GW
flow →



PARKING LOT

Drawing Not to SCALE
Buildings and Site Feature
Locations are Approximate

Ol Tyme Grafton, Inc.
1229-1231 11th Avenue
Grafton, Wisconsin 53024

Attachment B

Soil Boring Logs

- Reason For:
- ☐ Solid Waste
 - ☐ Emergency Response
 - ☐ Wastewater
 - ☐ Superfund
 - ☐ Haz. Waste
 - ☐ Underground Tank
 - ☐ Water Resources
 - ☐ Other

Page 1 of 1

Project Name: 1229/1231 11th Ave Gaston License/Permit/Measuring Number: _____ Boring Number: 61

Drilled By (firm name and name of crew chief): Moraine Adam J. Steve Date Drilling Started: 7/18/05 Date Drilling Completed: _____ Drilling Method: Geoprobe

Location: _____ Common Well Name: _____ Final Static Water Level: _____ Feet MSL Surface Elevation: _____ Feet MSL Borehole Diameter: _____ inches

Location: _____ N. _____ E. S. C. N. _____ Lat. _____ Local Grid Location (if applicable): _____ 1/4 of _____ 1/4 of Section _____, T. _____ N. R. _____ E. W. Long _____ Feet _____ S _____ Feet _____ W

County: Ozaukee DNR County Code: _____ Civil Town/City/ or Village: _____

Borehole	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/UID	Soil Properties					P 200	RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
	24 48			Asphalt				0							N6
	2 48			Moist brown, silty sand Gravel & Clay.				0							No OD
				Moist, brown Silty sand											
				Refused EORC 5' Abandon 4 Bentonite 7/18/05											

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

Signature: _____ Firm: Moraine Env. Inc.

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss.144.99 and 162.06, Wis. Stats.

Project Name
1229/1231 11th Ave Gaston

Drilled by (Firm name and name of crew chief)
Moraine Adams, Steve

License/Permit/Monitoring Number

Date Drilling Started
07/18/05
M M D D Y Y

Date Drilling Completed
MM/DD/YY
M M D D Y Y

Boring Number
B3

Drilling Method
Geoprobe

Common Well Name

Final Static Water Level
_____ Feet MSL

Surface Elevation
_____ Feet MSL

Borehole Diameter
_____ inches

Location
_____ N, _____ E, S, CN
1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Long _____

Local Grid Location (if applicable)
_____ N _____ E
_____ S _____ W

DNR County Code _____ Civil Town/City/ or Village _____

Core	Length, Alt. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Geologic Log	Well Diagram	pH/DO	Soil Properties					P 200	RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
	<u>24/48</u>			<u>Fluvial Bed - East Side</u>											
				<u>Moist, dark brown silty sandy top soil w/ stone</u>				<u>1</u>							<u>No Odor</u>
	<u>14/48</u>			<u>Moist, light brown sand, silt, stone</u>				<u>1</u>							<u>No Odor</u>
				<u>Residual? Abundant w/ E&B 7' Bentonite 7/18/05</u>											

- ☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tank
☐ Wastewater ☐ Water Resources
☐ Saturated ☐ Other

Project Name

1229/1231 11th Ave. Grifton

License/Permit/Monitoring Number

Boring Number

63

Drilled By (Print name and name of any other)

Adams, Steve

Date Drilling Started

MM/DD/YY 1/1/05

Date Drilling Completed

MM/DD/YY 7/18/05

Drilling Method

Jackhammer

Location Well Station & UTM Zone

Common Well Name

Final Static Water Level

Surface Elevation

Borehole Diameter

Feet MSL

Feet MSL

inches

Location

Plane N E S W Lat

Local Grid Location (If applicable)

N

E

1/4 of 1/4 of Section T N R E/W Long

Feet

Feet

County

Ozaukee

DNR County Code

Civil Town/City or Village

Borehole	Length, Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Geologic Log	Well Diagram	PID/ID	Soil Properties					P 200	RQD/Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
				Shop Floor											
				Basement Floor											
				wet, sandy brown clay w/ stone no odor											
				Refusal @ 6'											
				EOB @ 6'											
				Abandoned w/ Bentonite 7/18/05											

0 63-(4-6)

No Odor

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

Signature

[Signature]

Print

Mosabne

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeiture not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss. 144.99 and 162.06, Wis. Stats.

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name 01 Tyne Gratton, Inc.				License/Permit/Monitoring Number				Boring Number MW-1						
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: Firm: Badger State Drilling, Inc.								Date Drilling Started 09/09/2005 m m d d y y y y		Date Drilling Completed 09/09/2005 m m d d y y y y		Drilling Method HSA		
WT Unique Well No. P I 207		DNR Well ID No.		Well Name MW-1		Final Static Water Level N.A. Feet MSL		Surface Elevation N.A. Feet MSL		Borehole Diameter 4.25 inches				
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E S/C/N _____ 1/4 of NE 1/4 of Section 24 , T 10 N, R 21 EW								Lat 0 ' " Long 0 ' "		Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W				
Facility ID 981201593				County Ozaukee		County Code		Civil Town/City/ or Village Village of Gratton						
Sample		Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
None			0 - 3"	Asphalt / Base Course	GW		Riser Pipe							
			3" - 7'	Brown medium to coarse sand, gravel and cobbles, dry, no odor	SW									
			7' - 20.2'	Dolomite Bedrock	Bedrock									
				EOB @ 20.2 feet			Screened Interval							

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

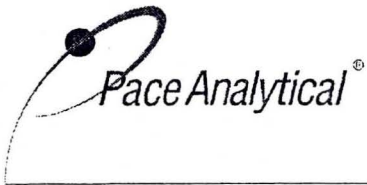
Signature James G. Ryan Firm Moraine Environmental, Inc.

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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Attachment C

Soil Analysis Results

GP-1, GP-2 and GP-3



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 861659

Client: MORaine ENVIRONMENTAL, INC

Lab Contact: Laurie Woelfel

Project Name: ON TYME CLEANERS

Project Number: 3008

Lab Sample Number	Field ID	Matrix	Collection Date
861659-001	G1 4-5	SOIL	07/18/05
861659-002	G2 4-7	SOIL	07/18/05
861659-003	G3 4-6	SOIL	07/18/05
861659-004	MEOH BLANK	METH	07/18/05

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

Date

7/25/05

**Pace Analytical
Services, Inc.**

Analytical Report Number: 861659

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC
Project Name : ON TYME CLEANERS
Project Number : 3008
Field ID : G1 4-5

Matrix Type : SOIL
Collection Date : 07/18/05
Report Date : 07/25/05
Lab Sample Number : 861659-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	88.0				1	%		07/21/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

**Pace Analytical
Services, Inc.**

Analytical Report Number: 861659

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : G1 4-5

Matrix Type : SOIL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-001

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Tetrachloroethene	90	28	68		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
4-Bromofluorobenzene	113				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Toluene-d8	119				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	97				50	%Recov		07/22/05	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 861659

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : G2 4-7

Matrix Type : SOIL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.5				1	%		07/21/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

**Pace Analytical
Services, Inc.**

Analytical Report Number: 861659

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : G2 4-7

Matrix Type : SOIL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-002

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Tetrachloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
4-Bromofluorobenzene	100				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Toluene-d8	104				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	88				50	%Recov		07/22/05	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 861659

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Matrix Type : SOIL

Project Name : ON TYME CLEANERS

Collection Date : 07/18/05

Project Number : 3008

Report Date : 07/25/05

Field ID : G3 4-6

Lab Sample Number : 861659-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	89.5				1	%		07/21/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

**Pace Analytical
Services, Inc.**

Analytical Report Number: 861659

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Matrix Type : SOIL

Project Name : ON TYME CLEANERS

Collection Date : 07/18/05

Project Number : 3008

Report Date : 07/25/05

Field ID : G3 4-6

Lab Sample Number : 861659-003

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Naphthalene	31	28	67		50	ug/Kg	Q	07/22/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Tetrachloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
4-Bromofluorobenzene	102				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Toluene-d8	110				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	82				50	%Recov		07/22/05	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 861659

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : MEOH BLANK

Matrix Type : METHANOL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-004

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Methylene Chloride	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 861659

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : MEOH BLANK

Matrix Type : METHANOL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-004

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Tetrachloroethene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
4-Bromofluorobenzene	99				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Toluene-d8	97				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	83				50	%Recov		07/22/05	SW846 5030B	SW846 8260B

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Test Group Name	861659-001	861659-002	861659-003	861659-004
PERCENT SOLIDS	B	B	B	
VOLATILES	G	G	G	G

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750



Sample Condition Upon Receipt

187

Client Name: Margaine En... Project # 861659

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Commercial ☐ Pace Other _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used DIA Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature ROT Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: 7/20/05 Rg

Chain of Custody Present:	☒ Yes ☐ No ☐ N/A	1.
Chain of Custody Filled Out:	☒ Yes ☐ No ☐ N/A	2.
Chain of Custody Relinquished:	☒ Yes ☐ No ☐ N/A	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No ☐ N/A	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☐ No ☒ N/A	6.
Push Turn Around Time Requested:	☐ Yes ☐ No ☒ N/A	7.
Sufficient Volume:	☒ Yes ☐ No ☐ N/A	8.
Correct Containers Used:	☒ Yes ☐ No ☐ N/A	9.
-Pace Containers Used:	☒ Yes ☐ No ☐ N/A	
Containers Intact:	☒ Yes ☐ No ☐ N/A	10.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☒ N/A	11.
Sample Labels match COC:	☒ Yes ☐ No ☐ N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
All containers needing preservation have been checked.	☐ Yes ☐ No ☒ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒ Yes ☐ No ☒ N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐ Yes ☐ No	Initial when completed
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
Headspace in VOA Vials (>6mm):	☐ Yes ☐ No ☒ N/A	15.
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	16.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☐ N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: W

Date: 7/22/05

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Attachment D

Boring Abandonment Forms

Well Construction Diagram

and

Monitoring Well Development Form

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, 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. Return form to the appropriate DNR office and bureau. See instructions on reverse 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
		Ozaukee
Common Well Name	Gov't Lot # (if applicable)	
GP-1	-	
1/4 / 1/4	1/4	Section
-	NE	24
Township	Range	
10 N	21	☒ E ☐ W
Grid Location		
Feet	Feet	Local Grid Origin
☐ N ☐ S	☐ E ☐ W	☐ (estimated) OR ☐ Well Location
Latitude: DEG MIN SEC		
Longitude: DEG MIN SEC		
Reason For Abandonment		
Sampling Completed		

2. Facility / Owner Information

Facility Name	
01' Truex Grafton, Inc	
Facility ID	
-	
License/Permit/Monitoring No	
-	
City, Village or Town	
Grafton	
Street Address of Well	
1229-1231 11th Avenue	
Present Well Owner	
Bob Seidensticker	
Original Well Owner	
Street Address or Route of Owner	
615 Highland View Drive	
City	
West Bend	
State	
WI	
ZIP Code	
53095	

3. Well / Drillhole / Borehole Information

☐ Monitoring Well	Original Construction Date
☐ Water Well	9/22/05
☒ Borehole / Drillhole	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 From Groundsurface (ft.)	Casing Diameter (in.)
-	-
Lower Drillhole Diameter (in.)	Casing Depth (ft.)
-	-
Was well annular space grouted?	
N/A ☐ Yes ☐ No ☐ Unknown	
If yes, to what depth (feet)?	Depth to Water (feet)
5'	-

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes ☐ No ☒ N/A
Liner(s) removed?	☐ Yes ☐ No ☒ N/A
Screen removed?	☐ Yes ☐ No ☒ N/A
Casing left in place?	☐ Yes ☐ No ☒ N/A
Was casing cut off below surface?	☐ Yes ☐ No ☒ N/A
Did sealing material rise to surface?	☒ Yes ☐ No ☐ N/A
Did material settle after 24 hours?	☐ Yes ☒ No ☐ N/A
If yes, was hole retopped?	☐ Yes ☐ No ☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes ☐ No ☐ N/A
Required Method of Placing Sealing Material	
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped	
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____	
Sealing Materials	
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)	
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "	
☐ Concrete ☒ Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:	
☐ Bentonite Chips ☐ Bentonite - Cement Grout	
☐ Granular Bentonite ☐ Bentonite - Sand Slurry	

5. Material Used To Fill Well/Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	5'	1 1/4 bag	Hydrated

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work		Date of Abandonment		DNR Use Only	
Moraine Environmental, Inc		7/18/05		Date Received	Noted By
Street or Route		Telephone Number		Comments	
1402 7th Avenue		(262) 377-9060			
City	State	ZIP Code	Signature of Person Doing Work		Date Signed
Grafton	WI	53024	[Signature]		9/22/05

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, 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. Return form to the appropriate DNR office and bureau. See instructions on reverse 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	
				Ozaukee	
Common Well Name		Gov't Lot # (if applicable)			
GP-2		-			
1/4 1/4	1/4	Section	Township	Range	☒ E ☐ W
-	NE	24	10 N	21	
Grid Location		☐ Local Grid Origin			
Feet	☐ N ☐ S	Feet	☐ E ☐ W	☐ (estimated) OR ☐ Well Location	
Latitude: DEG MIN SEC		Longitude: DEG MIN SEC			

Reason For Abandonment: Sampling Completed
WI Unique Well No. of Replacement Well: -

3. Well / Drillhole / Borehole Information

☐ Monitoring Well	Original Construction Date
☐ Water Well	
☒ Borehole / Drillhole	9/22/05
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 From Groundsurface (ft.) Casing Diameter (in.)

Lower Drillhole Diameter (in.) Casing Depth (ft.)

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? Depth to Water (feet)

7' -

5. Material Used To Fill Well / Drillhole

3/8" chipped bentonite

2. Facility / Owner Information

Facility Name	
01' Trime Grafton, Inc	
Facility ID	License/Permit/Monitoring No
-	-
City, Village or Town	
Grafton	
Street Address of Well	
1229-1231 11th Avenue	
Present Well Owner	Original Well Owner
Barry / Bob Seidmansticker	
Street Address or Route of Owner	
615 Highland View Drive	
City	State
West Bend	WI
ZIP Code	
53095	

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes ☐ No ☒ N/A
Liner(s) removed?	☐ Yes ☐ No ☒ N/A
Screen removed?	☐ Yes ☐ No ☒ N/A
Casing left in place?	☐ Yes ☐ No ☒ N/A
Was casing cut off below surface?	☐ Yes ☐ No ☒ N/A
Did sealing material rise to surface?	☒ Yes ☐ No ☐ N/A
Did material settle after 24 hours?	☐ Yes ☒ No ☐ N/A
If yes, was hole retopped?	☐ Yes ☐ No ☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes ☐ No ☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

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

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work		Date of Abandonment		DNR Use Only	
Moraine Environmental, Inc		7/18/05		Date Received Noted By	
Street or Route		Telephone Number		Comments	
1402 7th Avenue		(262) 377-9060			
City	State	ZIP Code	Signature of Person Doing Work		Date Signed
Grafton	WI	53024	[Signature]		9/22/05

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, 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. Return form to the appropriate DNR office and bureau. See instructions on reverse 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
		Ozaukee
Common Well Name	Gov't Lot # (if applicable)	
GP-3	-	
1/4 1/4	1/4	Section
-	NE	24
Township		Range
10 N		21
☒ E		☐ W
Grid Location		
Feet	☐ N	☐ E
	☐ S	☐ W
☐ Local Grid Origin		
☐ (estimated) OR ☐ Well Location		
Latitude: DEG MIN SEC		
Longitude: DEG MIN SEC		
N W		

Reason For Abandonment

Sampling Completed

WI Unique Well No. of Replacement Well

-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well	Original Construction Date
☐ Water Well	9/22/05
☒ Borehole / Drillhole	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 From Groundsurface (ft.)

Lower Drillhole Diameter (in.)

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?

5. Material Used To Fill Well/Drillhole

3/8" Chipped bentonite

2. Facility / Owner Information

Facility Name	01' Truse Grafton, Inc		
Facility ID	License/Permit/Monitoring No	City, Village or Town	
-	-	Grafton	
Street Address of Well			
1229-1231 11th Avenue			
Present Well Owner (Boring)		Original Well Owner	
Bob Seidensticker			
Street Address or Route of Owner			
615 Highland View Drive			
City	State	ZIP Code	
West Bend	WI	53095	

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed? ☐ Yes ☐ No ☒ N/A
Liner(s) removed? ☐ Yes ☐ No ☒ N/A
Screen removed? ☐ Yes ☐ No ☒ N/A
Casing left in place? ☐ Yes ☐ No ☒ N/A

Was casing cut off below surface? ☐ Yes ☐ No ☒ N/A
Did sealing material rise to surface? ☒ Yes ☐ No ☐ N/A
Did material settle after 24 hours? ☐ Yes ☒ No ☐ N/A
If yes, was hole retopped? ☐ Yes ☐ No ☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source? ☒ Yes ☐ No ☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

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

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	6'	1/3 bag	Hydrated

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work		Date of Abandonment		DNR Use Only	
Moraine Environmental, Inc		7/18/05		Date Received	Noted By
Street or Route		Telephone Number		Comments	
1402 7th Avenue		(262) 377-9060			
City	State	ZIP Code	Signature of Person Doing Work		Date Signed
Grafton	WI	53024	[Signature]		9/22/05

Facility/Project Name <u>01 Type Creation, Inc.</u>	Local Grid Location of Well <u>N.A.</u> ft. ☐ N. ☐ S. ☐ E. ☐ W.	Well Name <u>MW-1</u>
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. _____ Long. _____ or _____	Wis. Unique Well No. <u>PI 209</u> DNR Well ID No. <u>MW1</u>
Facility ID <u>981201593</u>	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed <u>09/09/2005</u> m m d d y y y y
Type of Well Well Code <u>1</u>	Section Location of Waste/Source <u>1/4 of NE 1/4 of Sec. 24, T. 10 N, R. 21</u> ☒ E ☐ W	Well Installed By: Name (first, last) and Firm <u>Badger State Drilling, Inc.</u>
Distance from Waste/Source <u>5</u> ft.	Enf. Stds. Apply ☒	
	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☒ Not Known	

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? ☒ Yes ☐ No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel ☐ 04 Other ☐
C. Land surface elevation _____ ft. MSL	d. Additional protection? ☐ Yes ☐ No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ ft.	3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐
12. USCS classification of soil near screen: GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐ SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐ Bedrock ☒	4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐
13. Sieve analysis performed? ☐ Yes ☒ No	5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35 c. _____ Lbs/gal mud weight ... Bentonite slurry ☐ 31 d. _____ % Bentonite ... Bentonite-cement grout ☐ 50 e. _____ Ft ³ volume added for any of the above f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
14. Drilling method used: Rotary ☒ 50 Hollow Stem Auger ☒ 41 Other ☐	6. Bentonite seal: a. Bentonite granules ☐ 33 b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32 c. _____ Other ☐
15. Drilling fluid used: Water ☐ 02 Air ☒ 01 Drilling Mud ☐ 03 None ☐ 99	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
16. Drilling additives used? ☐ Yes ☒ No Describe _____	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
17. Source of water (attach analysis, if required): _____	9. Well casing: Flush threaded PVC schedule 40 ☐ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐
E. Bentonite seal, top _____ ft. MSL or <u>0.2</u> ft.	10. Screen material: <u>PVC</u> a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐
F. Fine sand, top _____ ft. MSL or <u>1.0</u> ft.	b. Manufacturer _____ c. Slot size: <u>0.01</u> d. Slotted length: <u>10.0</u>
G. Filter pack, top _____ ft. MSL or <u>9.2</u> ft.	11. Backfill material (below filter pack): None ☒ 10 Other ☐
H. Screen joint, top _____ ft. MSL or <u>10.2</u> ft.	
I. Well bottom _____ ft. MSL or <u>20.2</u> ft.	
J. Filter pack, bottom _____ ft. MSL or <u>20.2</u> ft.	
K. Borehole, bottom _____ ft. MSL or <u>20.2</u> ft.	
L. Borehole, diameter _____ in.	
M. O.D. well casing _____ in.	
N. I.D. well casing _____ in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature James C. Ryan Firm Moore Environmental, Inc.

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

Facility/Project Name <u>01 Tyne Dry Cleaners</u>	County Name <u>Ozaukee</u>	Well Name <u>MW-1</u>
Facility License, Permit or Monitoring Number <u>N.A.</u>	County Code <u>--</u>	Wis. Unique Well Number <u>PI209</u>
		DNR Well ID Number <u>MW-1</u>

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

- surged with bailer and bailed ☒ 41
surged with bailer and pumped ☐ 61
surged with block and bailed ☐ 42
surged with block and pumped ☐ 62
surged with block, bailed and pumped ☐ 70
compressed air ☐ 20
bailed only ☐ 10
pumped only ☐ 51
pumped slowly ☐ 50
Other ☐

3. Time spent developing well 150 min.

4. Depth of well (from top of well casing) 20.2 ft.

5. Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 11.9 gal.

7. Volume of water removed from well 45.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added None Added

10. Analysis performed on water added? ☐ Yes ☒ No
(If yes, attach results)

17. Additional comments on development:

11. Depth to Water Before Development After Development

(from top of well casing) a. 10.0 ft. 10.0 ft.
(estimate) (estimate)

Date b. 09/12/2005 09/12/2005
m m d d y y y y m m d d y y y y

Time c. 12:05 ☐ a.m. 2:35 ☒ p.m.

12. Sediment in well bottom 0.2 inches 0.0 inches

13. Water clarity Clear ☐ 10 Turbid ☒ 20
(Describe) (Describe)
Yellow
Brown
Sediment

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended N.A. mg/l N.A. mg/l
solids

15. COD N.A. mg/l N.A. mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Tom Last Name: RYAN

Firm: MORAIN ENVIRONMENTAL, INC.

Name and Address of Facility Contact/Owner/Responsible Party

First Name: Last Name:

Facility/Firm: 01 Tyne Dry Cleaners

Street: 1227 11th Avenue

City/State/Zip: Grafton, WI 53024

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

Signature: Thomas G. Ryan

Print Name: THOMAS G. RYAN

Firm: MORAIN ENVIRONMENTAL, INC.

Attachment E

Groundwater Laboratory Results

MW-1

Version 4.0 (1995)



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 863825

Client: MORaine ENVIRONMENTAL, INC.

Lab Contact: Laurie Woelfel

Project Name: OL TYME DRY CLEANERS

Project Number: 3041

Lab Sample Number	Field ID	Matrix	Collection Date
863825-001	MW-1	GW	09/13/05 08:45

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

Date

9/19/05

**Pace Analytical
Services, Inc.****Analytical Report Number: 863825**1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC.

Project Name : OL TYME DRY CLEANERS

Project Number : 3041

Field ID : MW-1

Matrix Type : GROUNDWATER

Collection Date : 09/13/05

Report Date : 09/19/05

Lab Sample Number : 863825-001

VOLATILES

Prep Date: 09/16/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 0.92	0.92	3.1		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 0.75	0.75	2.5		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 0.74	0.74	2.5		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 0.99	0.99	3.3		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 0.97	0.97	3.2		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 0.97	0.97	3.2		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 0.83	0.83	2.8		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 0.61	0.61	2.0		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 0.62	0.62	2.1		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 0.85	0.85	2.8		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 0.74	0.74	2.5		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Bromobenzene	< 0.82	0.82	2.7		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 0.97	0.97	3.2		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 0.76	0.76	2.5		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 0.67	0.67	2.2		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 0.59	0.59	2.0		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 0.93	0.93	3.1		1	ug/L		09/16/05	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.****Analytical Report Number: 863825**1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC.

Matrix Type : GROUNDWATER

Project Name : OL TYME DRY CLEANERS

Collection Date : 09/13/05

Project Number : 3041

Report Date : 09/19/05

Field ID : MW-1

Lab Sample Number : 863825-001

VOLATILES

Prep Date: 09/16/05

Analyte	Result	LOD	LOQ	EQL	DIL.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	< 0.81	0.81	2.7		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 0.67	0.67	2.2		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 0.89	0.89	3.0		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 0.97	0.97	3.2		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Tetrachloroethene	2.1	0.45	1.5		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Xylene, o	< 0.83	0.83	2.8		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 1.8	1.8	6.0		1	ug/L		09/16/05	SW846 5030B	SW846 8260B
4-Bromofluorobenzene	105				1	%Recov		09/16/05	SW846 5030B	SW846 8260B
Toluene-d8	99				1	%Recov		09/16/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	98				1	%Recov		09/16/05	SW846 5030B	SW846 8260B



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8606
TTY 711

August 18, 2005

FID: 246042940
BRRS: 02-46-543784

Ol Tyme Grafton, Inc.
Bob & Lois Snidensticker
615 Highland View Dr..
West Bend, WI 53095

Subject: Reported contamination at Ol Tyme Grafton, Inc., 1229 11th Av., Grafton

Dear Mr. And Mrs. Snidensticker:

On August 10, 2005, Tom Sweet of Moraine Environmental notified the Wisconsin Department of Natural Resources (WDNR) that soil and potential groundwater contamination had been detected at the site described above.

Based on the information submitted to the WDNR, we believe that you are responsible for restoring the environment at the referenced site under Section 292, Wisconsin Stats., known as the hazardous substances spills law.

This letter describes your legal responsibilities as a person who is responsible under section 292.11, explains what you need to do to investigate, and clean up the contamination; provides you with information about cleanups, environmental consultants, and possible financial assistance; and working cooperatively with the Department of Natural Resources and Department of Commerce ("Commerce").

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 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 Code chapters NR 700 through NR 749 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 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 three steps to take:

1. Within the next **30 days**, you should submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. If you do not take action within this time frame, the WDNR may initiate enforcement action against you.
2. Within the next **60 days**, your consultant should submit a work plan and schedule for the investigation. The consultant must comply with the requirements in the NR 700 rule series and should refer to WDNR technical guidance documents. To facilitate prompt agency review of your reports, your consultant should use the site investigation and closure formats which are available on-line at www.dnr.state.wi.us.

Once an investigation has established the degree and extent of contamination involved at your site, your consultant will be able to determine whether Commerce or the Department of Natural Resources has authority over the case.

3. Within 30 days of completion of the site investigation, you or your consultant must provide a site investigation report per s. NR 716.15. As the remedial activities proceed, you or your consultant should also provide a brief progress report at least every 90 days as required by s. NR 724.13(3), Wis. Adm. Code. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. Should conditions at your site warrant, we may require more frequent contacts.
4. Sites where discharges to the environment have been reported are entered into the Bureau for Remediation and Redevelopment Tracking System ("BRRTS"), a version of which appears on the Department's Internet site. You may view the information related to your site at any time (<http://www.dnr.state.wi.us/org/aw/rr/brrts>) and use the feedback system to alert us to any errors in the data.

If you want a formal response from the Department on a specific submittal, please be aware that a review fee is required in accordance with ch. NR 749, Wis. Adm. Code. If a fee is not submitted with your reports, you should proceed under the advice of your consultant to complete the site investigation to maintain your compliance with the spills law and chs. NR 700 through NR 749. **Do not delay the investigation of your site by waiting for a Department response.** We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

All correspondence regarding this site should be sent to:

Victoria Stovall, Program Assistant
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2300 North Martin Luther King Drive
Milwaukee, WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRS and FID numbers (if assigned) shown at the top of this letter.

Additional Information for Site Owners:

Information to help you select a consultant, and materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method are enclosed. In addition, *Fact Sheet 2, Voluntary Party Remediation and Exemption from Liability* provides information on obtaining the protection of limited liability under s. 292.15, Stats.

Financial Assistance:

Reimbursement from the Petroleum Environmental Cleanup Fund (PECFA) may be available for some of the costs of cleaning up contamination from eligible petroleum storage tanks. Please refer to the enclosed information sheet entitled "*Information about PECFA*" for more information on eligibility and regulations for this program. For more information on the PECFA program, please call the Department of Commerce at 608-266-2424 or visit their web site at:

<http://www.commerce.state.wi.us/COM/Com-Petroleum.html>. Funding is also available for cleanup at some drycleaning sites.

Call the DNR Victoria Stovall, Program Assistant at (414) 263-8688 for more information on eligibility or visit the RR web site. <http://www.dnr.state.wi.us/org/aw/rr>. You may also contact this person for all other questions regarding this letter.

Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read "Victoria Stovall" followed by a stylized flourish or initial.

Victoria Stovall
Program Assistant
Remediation & Redevelopment Program
Southeast Region

- Enclosures:
1. Selecting a consultant
 2. Fact Sheet 2, VPLE
 3. Env. Services Contractors List
 4. The Ins and Outs of the Fund
 5. Getting Your Money Back
 6. The Dry Cleaner Environmental Response Fund Program
 7. Chapter NR 169 Rule Revisions
 8. DERF Program Application

c: Tom Sweet – Moraine Environmental
WDNR SER Files

State of Wisconsin
Department of Natural Resources

Hazardous Substance Release Fax Notification
(Non-Emergency Only)

Form 4400-225 (11/02) Page 1 of 2

Emergency Releases / Spills must be reported via the 24-hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to the "Spills Law", s. 292.11 Wis. Stats., Section NR 706.05(1)(b), Wis. Adm. Code, requires that hazardous substance discharges are to be reported by one of three methods: telephoning the Department (toll free Spill Hotline number above), telefaxing a report to the Department or visiting a Department office in person. If you choose to notify the Department by telefax, you should use this form to be sure that all necessary information is included. However use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** FAX it to the appropriate WDNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from (check one):

- ☐ Underground Petroleum Storage Tank System
☐ Aboveground Petroleum Storage Tank System
☒ Dry Cleaner Facility (DERP eligibility based on: ☐ Facility owner/operator ☒ Property owner of licensed facility)
☐ Other - Describe:

TO WDNR, ATTN: R & R Program Assistant

Vicky Stouall

(Area Code) FAX Number
414 263-8483

1. Discharge reported by:

Name

Tan Sweet

Firm

Moraine Environmental, Inc.

Date FAXed to WDNR

8/10/05

Mailing Address

1402 7th Avenue, Grafton, WI 53024-2330

(Area Code) Phone Number

262-377-9060

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence / vacant property

OL Tyne Grafton, Inc. FID 246042940

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, e.g., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60

1229 11th Avenue

Municipality (City, Village, Township) Specify municipality in which the site is located, not mailing address/city

Grafton, WI 53024

County:

Ozaukee

Legal Description:

NW 1/4, NE 1/4, Section 24, Tn 10N, Range 21 E or W:

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

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary

Bob & Lois Sidensticker

- ☒ Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://www.dnr.state.wi.us/org/aw/rr/liability/muni_1.html

Contact Person Name (if different)

SAME

Phone Number

262-238-1582

Mailing Address

615 Highland View Drive

City

West Bend

State

WI

ZIP Code

53095

(continued)

08-15-'05 16:0

FROM-Moraine Envir.

1-262-377-9770

T-731 P003/016

State of Wisconsin
Department of Natural

Resources

Hazardous Substance Release Fax

(Non-Emergency)

Form 4400-225 (11/02) Page

4. Hazardous Substance
Identify hazardous substance

- ☐ Ammonia
☐ Arsenic
☒ Chlorinated
☐ Chromium
☐ Cyanide
☐ Diesel
☐ Fertilizer
☐ Fuel Oil
☐ Gasoline-Leak
☐ Gasoline-Leak
☐ Gasoline-Unknown
☐ Herbicide
☐ Hydraulic Oil

Impacts to the environment

- ☐ Air Contamination
☐ Co-contaminants
☐ Concrete/Asphalt
☐ Contained/Released
☐ Contamination
☐ Contaminated
☐ Contaminated
☐ Contaminated

Hazardous Substance Impact Information
Hazardous substance discharged (check all that apply):

- | | | |
|--|--|--|
| ☐ Solvents
☐ Unknown
☐ Leaked
☐ Added | ☐ Hydrocarbon-Unknown Type
☐ Kerosene
☐ Leachate
☐ Lead
☐ MTBE-Methyl Tertiary Butyl Ether
☐ Mercury
☐ Metals (specify):
☐ Milk
☐ Oil & Grease
☐ Other (specify):
☐ PAH's
☐ Paint (oil based)
☐ Paint (latex) | ☐ PCB's
☐ Petroleum-Unknown Type
☐ PERC
☐ Pesticides
☐ RCRA Hazardous Waste
☐ SVOC (Semi-volatile Organic Compound)
☐ Stoddard Solvents
☐ Transformer Fluid
☐ Unknown
☐ VOC's
☐ Waste Oil |
|--|--|--|

Identify (enter "K" for known/confirmed or "P" for potential for all that apply)

- | | |
|--|---|
| ☐ Contamination in Row of Way
☐ Direct Contact
☐ Expanding Plume
☐ Fire Explosion Threat
☐ Free Product
☒ Groundwater Contamination
☐ Off-Site Contamination
☐ Other | ☐ Sanitary Sewer Contamination
☒ Soil Contamination
☐ Storm Sewer Contamination
☐ Surface Water Contamination
☐ Within 100 ft of Private Well
☐ Within 1000 ft of Public Well |
|--|---|

Discovered as a result of:

☒ Site assessment
 Date 7/18/05

 Other - Describe:
 Date

 Be faxed upon receipt
 Attached

 Include a brief description of immediate actions taken to halt the release and contain or cleanup
 that have been discharged.

Emergency Action Necessary. One Bedrock well to
 monitor groundwater quality will be completed.

Non-emergency releases in DNR's five regions are as follows:

2-5859); Attention - RR Program Assistant:

 or, Fond du Lac (except City of Waupun - see South Central Region), Green Lake, Kewaunee,
 or, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago

2932); Attention - RR Program Assistant:

 field, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk,
 Washburn Counties

275-3338); Attention - RR Program Assistant:

ge, Fond du Lac (City of Waupun only), Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock,

2483); Attention - RR Program Assistant:

Ozaukee, Racine, Sheboygan, Walworth, Washington, Waukesha Counties

39-6076); Attention - RR Program Assistant:

 ewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pe
 ois, Trempealeau, Vernon, Wood Counties

 Northeast Region (920-49)
 Brown, Calumet, Door,
 Manitowoc, Marinette
 Counties

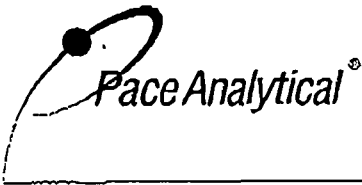
 Northern Region (715-365-
 Ashland, Barron, Bay
 Sawyer, Taylor, Vilas

 South Central Region (608-
 Columbia, Dane, Dodge,
 Sauk Counties

 Southeast Region (414-263
 Kenosha, Milwaukee,

 West Central Region (715-8
 Adams, Buffalo, Chippewa,
 Pierce, Portage, St. Croix

FAX numbers to report releases



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 861659

Client: MORaine ENVIRONMENTAL, INC

Lab Contact: Laurie Woelfel

Project Name: ON TYME CLEANERS

Project Number: 3008

Lab Sample Number	Field ID	Matrix	Collection Date
861659-001	G1 4-5	SOIL	07/18/05
861659-002	G2 4-7	SOIL	07/18/05
861659-003	G3 4-6	SOIL	07/18/05
861659-004	MEOH BLANK	METH	07/18/05

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

A handwritten signature in cursive script, appearing to read "Laurie Woelfel", written over a horizontal line.

Date

A handwritten date "7/25/05" written in cursive script over a horizontal line.

**Pace Analytical
Services, Inc.****Analytical Report Number: 861659**1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : G1 4-5

Matrix Type : SOIL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	88.0				1	%		07/21/05	SM M2540G	SM M2540G

VOLATILES

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

**Pace Analytical
Services, Inc.****Analytical Report Number: 861659**1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : G1 4-5

Matrix Type : SOIL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-001

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Tetrachloroethene	90	28	68		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
4-Bromofluorobenzene	113				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Toluene-d8	119				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	97				50	%Recov		07/22/05	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.****Analytical Report Number: 861659**1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : G2 4-7

Matrix Type : SOIL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.5				1	%		07/21/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

**Pace Analytical
Services, Inc.****Analytical Report Number: 861659**1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : G2 4-7

Matrix Type : SOIL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-002

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Tetrachloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
4-Bromofluorobenzene	100				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Toluene-d8	104				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	88				50	%Recov		07/22/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

**Pace Analytical
Services, Inc.****Analytical Report Number: 861659**1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : G3 4-6

Matrix Type : SOIL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	89.5				1	%		07/21/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

**Pace Analytical
Services, Inc.****Analytical Report Number: 861659**1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : G3 4-6

Matrix Type : SOIL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-003

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Naphthalene	31	28	67		50	ug/Kg	Q	07/22/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Tetrachloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		07/22/05	SW846 5030B	SW846 8260B
4-Bromofluorobenzene	102				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Toluene-d8	110				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	82				50	%Recov		07/22/05	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.****Analytical Report Number: 861659**1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : MEOH BLANK

Matrix Type : METHANOL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-004

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Methylene Chloride	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.****Analytical Report Number: 861659**1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : MORaine ENVIRONMENTAL, INC

Project Name : ON TYME CLEANERS

Project Number : 3008

Field ID : MEOH BLANK

Matrix Type : METHANOL

Collection Date : 07/18/05

Report Date : 07/25/05

Lab Sample Number : 861659-004

VOLATILES

Prep Date: 07/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Tetrachloroethene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/L		07/22/05	SW846 5030B	SW846 8260B
4-Bromofluorobenzene	99				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Toluene-d8	97				50	%Recov		07/22/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	83				50	%Recov		07/22/05	SW846 5030B	SW846 8260B

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

**Pace Analytical
Services, Inc.****Analysis Summary by Laboratory**1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	861659-001	861659-002	861659-003	861659-004
PERCENT SOLIDS	B	B	B	
VOLATILES	G	G	G	G

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

Sample Condition Upon Receipt

Client Name: Moraine Envir. Project # 861659Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Commercial ☐ Pace Other _____Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ noPacking Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____Thermometer Used N/AType of Ice: Wet Blue None ☐ Samples on ice, cooling process has begunCooler Temperature ROT

Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: 7/20/05 Rg

Chain of Custody Present:	☒ Yes ☐ No ☐ N/A	1.
Chain of Custody Filled Out:	☒ Yes ☐ No ☐ N/A	2.
Chain of Custody Relinquished:	☒ Yes ☐ No ☐ N/A	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No ☐ N/A	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☐ No ☒ N/A	6.
Rush Turn Around Time Requested:	☐ Yes ☐ No ☒ N/A	7.
Sufficient Volume:	☒ Yes ☐ No ☐ N/A	8.
Correct Containers Used:	☒ Yes ☐ No ☐ N/A	9.
-Pace Containers Used:	☒ Yes ☐ No ☐ N/A	
Containers Intact:	☒ Yes ☐ No ☐ N/A	10.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☒ N/A	11.
Sample Labels match COC:	☒ Yes ☐ No ☐ N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
All containers needing preservation have been checked.	☐ Yes ☐ No ☒ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒ Yes ☐ No ☒ N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐ Yes ☐ No	Initial when completed
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
Headspace in VOA Vials (>6mm):	☐ Yes ☐ No ☒ N/A	15.
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	16.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☐ N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: WDate: 7/22/05

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)