[redacted] Superior Health Linen
new

ARCADIS GERAGHTY & MILLER

ARCADIS Geraghty & Miller, Inc.
126 North Jefferson Street
Suite 400
Milwaukee
Wisconsin 53202
Tel 414 276 7742
Fax 414 276 7603

ENVIRONMENTAL

Mike Schmoller
Wisconsin Department of Natural Resources
South Central Region Office
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711

Subject:
Release Notification and a Request for No Further Action Letter, Former Superior Health Linen, 1509 Emil Street, Madison, Wisconsin.

6-1-00

Dear Mr. Schmoller:

Milwaukee, Wisconsin
31 May 2000

Contact:
Rebecca Forbort
Ed Buc

Phone
414 277 6256
414 277 6232

The purpose of this letter is to notify the Wisconsin Department of Natural Resources (WDNR) of the presence of chlorinated hydrocarbons detected in soil and groundwater samples collected during investigation activities at the above referenced property. The investigation activities were completed by ARCADIS Geraghty & Miller, Inc. in 1999 and 2000 as part of a business transaction. Enclosed with this letter, please find a letter report summarizing site investigation activities.

Correspondence regarding this matter can be directed to the following address:

Chuck Cass
One Hour Martinizing, Inc.
N42 W27251 Hwy JJ
Pewaukee, Wisconsin 53072

In addition, please direct copies of all correspondence to the attention of Thomas Shannon, Esq. at the following address:

Fox, O'Neill & Shannon
622 North Water Street
Milwaukee, Wisconsin 53202

Based on the site investigation findings, the horizontal and vertical extent of chlorinated hydrocarbon impacted soil appears limited. In addition, the low levels of tetrachloroethene detected in the groundwater most likely represent the background levels for this area. Additional investigation activities are not warranted. Therefore, ARCADIS Geraghty & Miller requests that a no further action letter be issued for the subject property. In accordance with NR749, two checks (#16030 for $500 and #16031 for $250) totaling $750 for the review fee are enclosed.

Should you have any questions relating to the information presented herein, or if ARCADIS Geraghty & Miller can be of any additional assistance, please feel free to call at your convenience.

Sincerely,

ARCADIS Geraghty & Miller, Inc.

Rebecca P. Forbort
Staff Geologist

Edmund A. Buc, P.E.
Senior Engineer

Copies:
Chuck Cass, One Hour Martinizing, Inc.
Thomas Shannon, Fox, O'Neill & Shannon
Ted Amman, WDNR-South Central Region

Former Superior Health Linen
new

ARCADIS GERAGHTY & MILLER

ARCADIS Geraghty & Miller, Inc.
126 North Jefferson Street
Suite 400
Milwaukee
Wisconsin 53202
Tel 414 276 7742
Fax 414 276 7603

RECEIVED
JUN 1 2000
DNR
SOUTH CENTRAL REGION

Chuck Cass
One Hour Martinizing, Inc.
N42 W27251 Hwy JJ
Pewaukee, Wisconsin 53072

ENVIRONMENTAL

Subject:
Results of Groundwater Monitoring Well Installation and Sampling Activities, Former Superior Health Linen, 1509 Emil Street, Madison, Wisconsin.

Dear Mr. Cass:

Milwaukee:
10 May 2000

Contact:
Rebecca Forbort
James Drought

Extension:
414 277 6256
414 277 6204

In accordance with your request and subsequent authorization, ARCADIS Geraghty & Miller, Inc. installed and sampled three monitoring wells at the above-referenced property. The well installation and sampling activities were completed in February 2000. Based on your authorization, a second round of groundwater samples were collected in March 2000. A discussion of the site location and history, sampling procedures and analytical results are presented below.

Site Location and History

The Former Superior Health Linen facility is located at the street address of 1509 Emil Street in the City of Madison, Dane County, Wisconsin. The facility is located in an area of small industrial and commercial businesses. Other facilities located in the vicinity of Superior include an electrical supply company, a City of Madison maintenance facility, and a hotel. The site location is shown on Figure 1.

Initial Soil Investigation Activities

Six Geoprobe borings were advanced and sampled on the Superior facility on February 3, 1999. The Geoprobe borings were completed in close proximity to the exterior of the building and in the vicinity of the existing dumpster staging area. The Geoprobe sampling locations and soil analytical results are shown on Figure 2. The Geoprobe sampling activities were completed at the site with prior authorization from Mr. Chuck Rossmiller.

The surface of the site consists of asphaltic concrete pavement and a sand and gravel base course. The underlying soils consist primarily of silty clay to clayey silt, and grades to fine sand with some clay and fine and medium gravel with depth. Sandstone bedrock was encountered in all boring locations at depths ranging from 11 to 17 feet below ground surface (ft bgs). Free water was not encountered in any of the eight Geoprobe borings.

Chlorinated hydrocarbons (tetrachloroethene (PCE), trichloroethene and cis-1,2-dichloroethene) were detected in two of the eight soil samples submitted for analytical testing of volatile organic compounds (VOCs). The chlorinated hydrocarbons were detected in the near surface soil samples collected near the northeastern (GP-2) and southeastern (GP-3) building exteriors. No VOCs were detected in soil samples collected above the sandstone bedrock which is located at depths ranging from 11 to 17 ft bgs. The absence of VOCs detected at the location of GP-1 (located between Geoprobe Borings GP-2 and GP-3) and from deeper sampling intervals at the location of Geoprobe Borings GP-2 and GP-3 suggest that the chlorinated hydrocarbons may be limited laterally and vertically in the eastern portion of the site. The Wisconsin Department of Natural Resources (WDNR) has not developed Residual Contaminant Levels (RCLs) for the groundwater leaching pathway for these compounds.

It is understood that the subject property has not been used as a dry cleaning facility since about 1987. Given that PCE is no longer in use at the site, the limited distribution of VOCs in the near surface soils, the presence of degradation products, and the integrity of the existing pavement and building (which function as an engineered barrier for both direct contact exposure and infiltration of surface waters), application of a soil performance standard for the site may represent a feasible remedial method.

Based on the results of the soil investigation, ARCADIS Geraghty & Miller recommended the installation and sampling of three groundwater monitoring wells on the subject site.

Monitoring Well Installation

ARCADIS Geraghty & Miller, Inc. installed three bedrock monitoring wells on February 15 and 16, 2000. One monitoring wells, MW-1, was installed along the western side of the facility. Two monitoring wells were installed along the eastern property boundary; MW-2 was installed in the northeast and MW-3 in the southeast near the location of the spent drum storage area. Well locations are presented on Figure 3.

The monitoring wells were installed using a combination of hollow stem auger and air rotary techniques. Hollow stem augers were used to drill down to competent bedrock, and then air rotary techniques were employed. Sandstone bedrock was encountered at depths ranging from approximately 10 ft bgs in MW-3 to 15 ft bgs in MW-2. The air rotary bit became stuck at a depth of 27.5 ft bgs during the advancement of the borehole for MW-1, consequently it was abandoned as Soil Boring SB-1. A second borehole was advanced to a depth of 38 ft bgs and completed as Monitoring Well MW-1. Monitoring Wells MW-2 and MW-3 were installed to 33.5 and 32 ft bgs, respectively. The wells were installed with 10 foot of

factory cut polyvinyl chloride (PVC) Schedule 40 screen in accordance with NR 141. Construction details are provided in Appendix A.

Monitoring Well Development

Following well installation activities, the wells were developed in accordance with NR 141 by alternatively surging with a PVC bailer and new dedicated polypropylene rope and/or a whale pump. Development consisted of removing approximately 10 well volumes. Approximately 160 gallons of water was generated during development of the wells. Development water was placed into three 55-gallon steel drums and stored at the site pending disposal. A WDNR Monitoring Well Development form (Form 4400-113B) for each monitoring well is included in Appendix A.

Groundwater Sampling

Results of depth to water measurements and groundwater samples collected in February and March 2000 are presented and discussed below.

Site Hydrogeology

Water levels were measured at each monitoring well prior to collecting groundwater samples in February and March 2000. The depth to groundwater generally ranged from 26 to 27.5 ft bgs. The groundwater flow direction was evaluated for both sampling rounds and groundwater flow across the site is to the northwest. Depth to water measurements and groundwater elevations are presented in Table 1. Groundwater flow direction for the March 2000 sampling round is presented on Figure 4.

February 2000 Sampling Round

Groundwater samples were collected using low-flow sampling techniques on February 22, 2000. A down-hole probe and polyethylene tubing was placed within the screened section of each well. The tubing was secured to a peristaltic pump at the ground surface and groundwater was evacuated from each well at rates ranging from 100-300 milliliters per minute. The down-hole probe continuously recorded sensitive aquifer properties such as dissolved oxygen, oxidation-reduction potential, temperature, and conductivity.

Once the aquifer properties stabilized, groundwater samples were collected and placed into laboratory-supplied vials for analysis of VOCs. The collected groundwater samples were delivered to the EnChem laboratory located in Madison, Wisconsin for the analysis.

Groundwater analytical results indicate the presence of low level concentrations of PCE across the site. The highest concentration of PCE was detected at a concentration of 7.1 micrograms per liter (µg/L) in the groundwater sample from MW-2, located in the northeast portion of the site. PCE was detected at a concentration of 6.5 µg/L in the groundwater sample collected from MW-1, located on the west side of the facility. In the groundwater sample collected from MW-3, PCE was detected at a concentration of 3.1 µg/L. Groundwater analytical results are presented in Table 2 and on Figure 3. No other VOC constituents were detected in the groundwater sample collected in February 2000.

March 2000 Sampling Round

Based on authorization received on March 15, 2000, the three monitoring wells were resampled on March 21, 2000 using low flow sampling techniques. The wells were resampled because the concentration of volatile organic compounds is often higher immediately after the installation of bedrock monitoring wells due to suspended particulates generated during well installation activities.

Low level concentrations of PCE were detected across the site in the groundwater samples collected on March 21, 2000. The most significant change in PCE concentration was detected in the groundwater sample from MW-1. The PCE concentration decreased from 6.5 µg/L to 2.2 µg/L. The concentration of PCE detected in the groundwater samples collected from MW-2 and MW-3 remained essentially the same at concentrations of 7.4 and 3.2 µg/L, respectively. As before, no other VOC constituents were detected in the groundwater samples collected in March 2000. Groundwater analytical results are presented in Table 2 and on Figure 3. The chain-of-custody forms and laboratory reports are included in Appendix B.

Based on the results of the groundwater samples collected in March 2000, the concentration of PCE detected in the groundwater samples from MW-2 exceeds the WNDR Enforcement Standard (ES) of 5 µg/L for PCE. The groundwater samples collected from MW-1 and MW-3 contained PCE at concentrations above the WDNR Preventive Action Limit of 0.5 µg/L. However, based on a telephone conversation with Mr. Ted Amman of the WDNR on April 24, 2000, low levels of PCE are known to be present within the groundwater in this area. Further, based on the extent of the PCE plume in the vicinity of the site, Mr. Amman indicated that it is unlikely the WDNR would require further investigation and/or remediation.

Conclusions

Based on the results of the analytical testing, ARCADIS Geraghty & Miller presents the following conclusions:

1. Low concentrations of VOCs were detected in two of eight soil samples collected from this site.

2. Three bedrock monitoring wells were installed in sandstone to depths ranging from 38 to 32 ft bgs.

3. Low level concentrations of PCE ranging from 3.1 to 7.2 µg/L were detected from groundwater samples collected from the three groundwater monitoring wells on February 22, 2000.

4. On March 21, 2000 the three monitoring wells were resampled. PCE was detected in the collected groundwater samples at concentrations ranging from 2.2 to 7.4 µg/L.

5. Based on conversations with the WDNR, the low level concentration of PCE detected in the collected groundwater samples likely represents background concentrations.

Recommendations

ARCADIS Geraghty & Miller recommends submittal of this letter report and a cover letter to the Department of Natural Resources. The cover letter will serve as the release notification and request a no further action letter for the site.

Closing

ARCADIS Geraghty & Miller appreciates the opportunity to be of service on this project. Should you have any questions relating to the information presented herein, or if ARCADIS Geraghty & Miller can be of any additional assistance, please feel free to call on us at your convenience.

Sincerely,

ARCADIS Geraghty & Miller, Inc.

Rebecca P. Forbort
Staff Geologist

James F. Drought, P.H.
Principal Scientist/Hydrogeologist

copy:
Thomas Shannon, Fox, O'Neill & Shannon

Table 1. Groundwater Elevation Data, Superior Health Linen, Madison, Wisconsin.

Well	MW-1		MW-2		MW-3	
Sample Date	Top of Casing = Depth to Water	99.65 Elevation	Top of Casing = Depth to Water	98.98 Elevation	Top of Casing = Depth to Water	100.36 Elevation
02/22/00	27.30	72.35	25.93	73.05	26.34	74.02
03/21/00	27.48	72.17	26.15	72.83	26.53	73.83

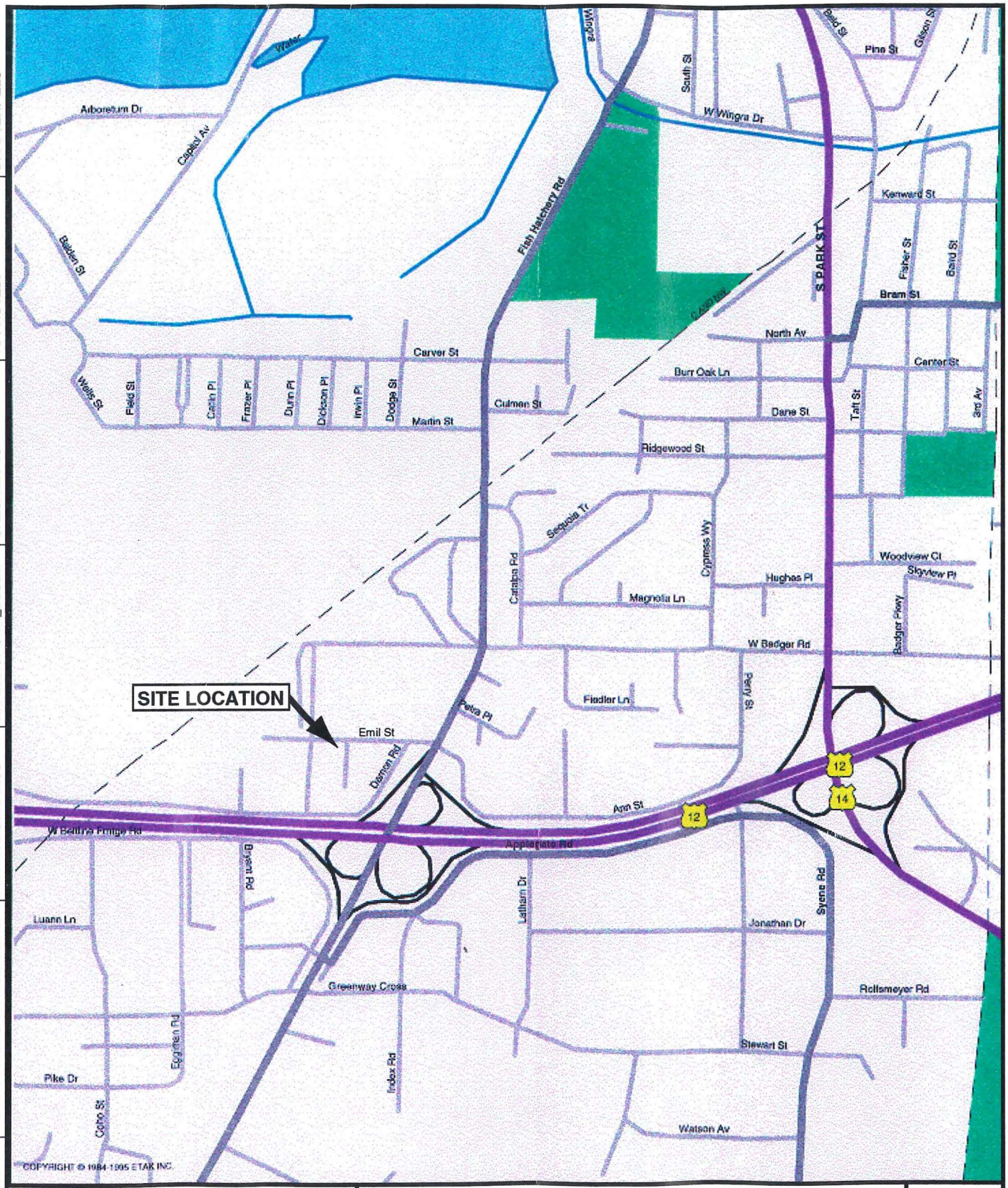
The depth to water is measured in feet below the top of casing.
The elevations are measured in feet relative to a common bench mark.
Bench mark is the northern most bolt on the bottom flange of the fire hydrant located on the north side of Emil Street.

Table 2. Summary of Volatile Organic Compounds Groundwater Analytical Results, Superior Health Linen, Madison, Wisconsin.

Well	MW-1		MW-2		MW-3		ES	PAL
Sample Date	02/22/00	03/21/00	02/22/00	03/21/00	02/22/00	03/21/00		
Tetrachloroethene	6.5	**2.2**	7.1	7.4	**3.1**	**3.2**	5	0.5
VOCs	ND	ND	ND	ND	ND	ND		

Results are reported in micrograms per liter (µg/L).

ND	Not detected.
VOC	Volatile organic compounds.
ES	Enforcement Standard.
PAL	Preventive Action Limit.
[ ]	Value exceeds the Wisconsin Department of Natural Resources, ES.
Bold	Value exceeds the Wisconsin Department of Natural Resources, PAL.



DRAFTER: ELS | APPROVED: | CHECKED: TJ | DRAWING: SITE_LOC.AI | FILE NO.: GRAPHICS | PN: SUPERIORWI0711\INVESTIG | DWG DATE: 12MAR99

ARCADIS GERAGHTY & MILLER

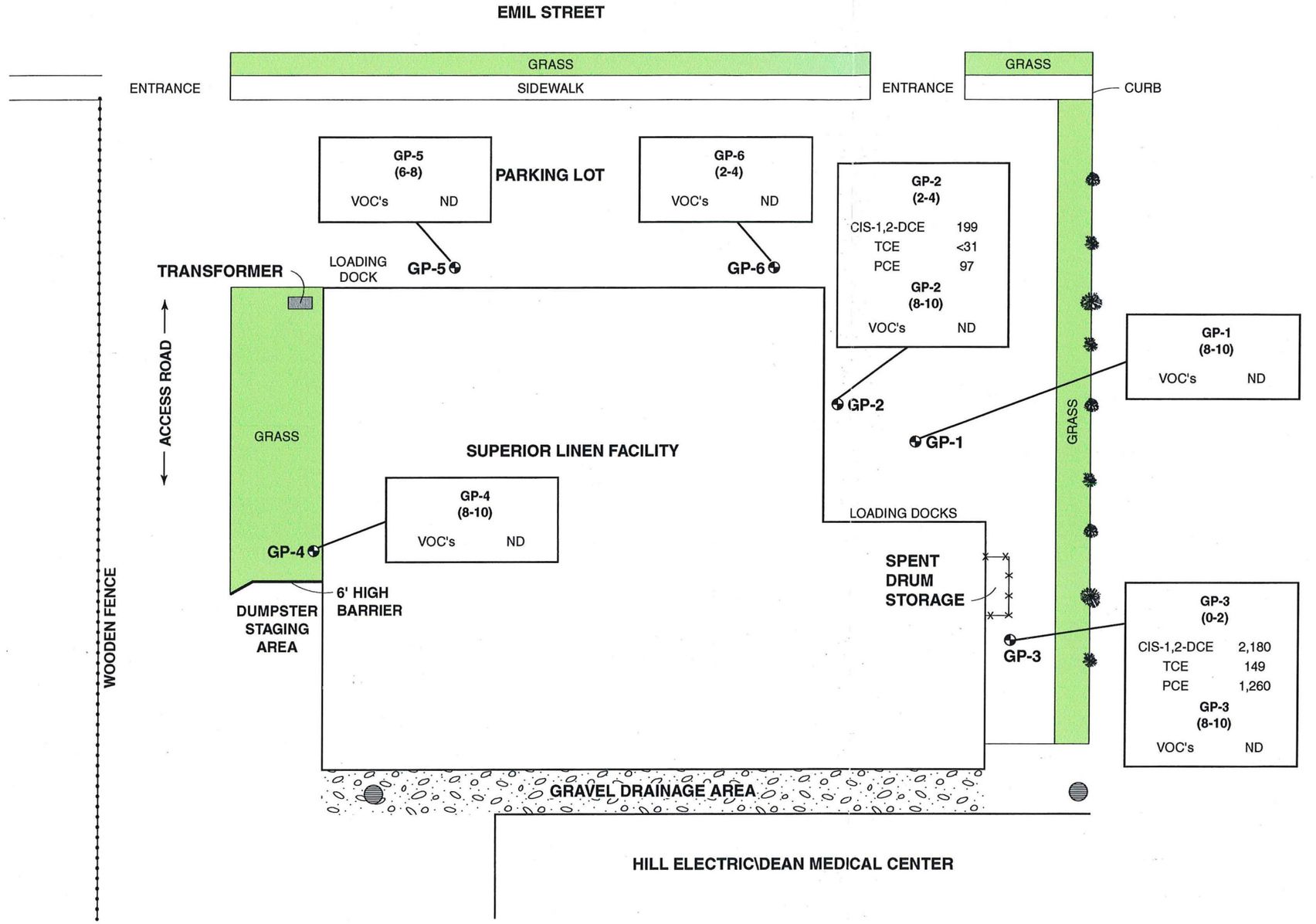
SITE LOCATION MAP

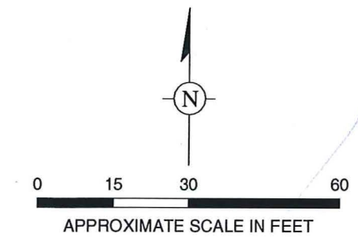
SUPERIOR HEALTH LINEN
MADISON, WISCONSIN

FIGURE

1

DRAFTER: ELS
APPROVED:
CHECKED:
DRAWING: SUMMARY.AI
FILE NO.: GRAPHICS
PN: SUPERIORWI07111\INVESTIG
DWG DATE: 08MAY00





LEGEND

- STORM SEWER
- WOODEN FENCE
- CHAIN FENCE
- TREE LINE
- GP-1 GEOPROBE BORING LOCATION
- (2-4) SAMPLE DEPTHS IN FEET BELOW LAND SURFACE
- CIS-1,2-DCE CIS-1,2-DICHLOROETHENE
- TCE TRICHLOROETHENE
- PCE TETRACHLOROETHENE
- VOC's VOLATILE ORGANIC COMPOUNDS
- ND NOT DETECTED

NOTE: All results expressed in micrograms per kilogram (µg/kg).

ARCADIS GERAGHTY & MILLER

SUMMARY OF GEOPROBE SOIL SAMPLING LOCATIONS AND ANALYTICAL RESULTS FEBRUARY 1999

SUPERIOR HEALTH LINEN
MADISON, WISCONSIN

FIGURE
2

EMIL STREET

GRASS

SIDEWALK

ENTRANCE

ENTRANCE

GRASS

CURB

PARKING LOT

MW-2

2/22/00 3/21/00

PCE 7.1 7.4

MW-2

TRANSFORMER

LOADING DOCK

GP-5

GP-6

ACCESS ROAD

MW-1

GRASS

SUPERIOR LINEN FACILITY

GP-2

GP-1

GRASS

MW-1

2/22/00 3/21/00

PCE 6.5 2.2

LOADING DOCKS

GP-4

SPENT DRUM STORAGE

6' HIGH BARRIER

DUMPSTER STAGING AREA

MW-3

2/22/00 3/21/00

PCE 3.1 3.2

MW-3

GP-3

WOODEN FENCE

GRAVEL DRAINAGE AREA

HILL ELECTRIC\DEAN MEDICAL CENTER

N

0 15 30 60

APPROXIMATE SCALE IN FEET

LEGEND

- STORM SEWER
- WOODEN FENCE
- CHAIN FENCE
- TREE LINE
- GP-1 GEOPROBE BORING LOCATION
- MW-1 MONITORING WELL LOCATION
- PCE TETRACHLOROETHENE
- RESULT EXCEEDS THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES ENFORCEMENT STANDARD
- RESULT EXCEEDS THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES PREVENTIVE ACTION LIMIT

NOTE: All results expressed in micrograms per liter (µg/L).

DRAFTER: ELS | APPROVED: | CHECKED: RPF | DRAWING: GW_ANALYTICAL.AI | FILE NO.: GRAPHICS | PN: SUPERIORWI0711\INVESTIG | DWG DATE: 25MAY00

ARCADIS GERAGHTY & MILLER

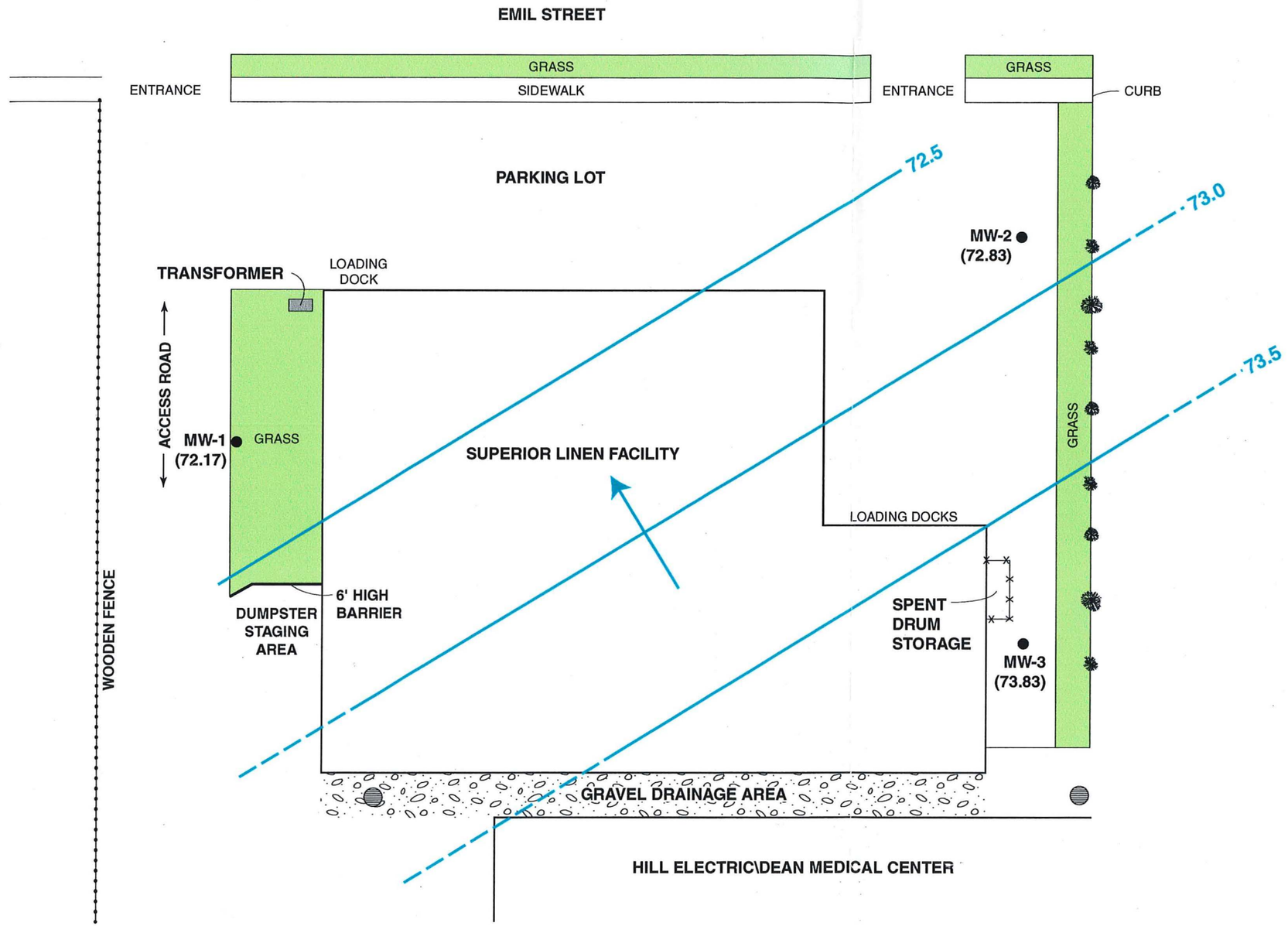
SUMMARY OF MONITORING WELL LOCATIONS AND GROUNDWATER ANALYTICAL RESULTS FEBRUARY AND MARCH 2000

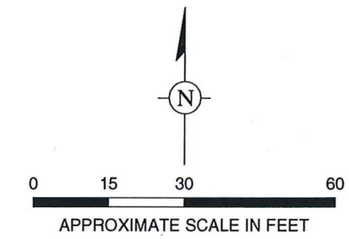
SUPERIOR HEALTH LINEN
MADISON, WISCONSIN

FIGURE

3

DRAFTER: ELS | APPROVED: | CHECKED: RPF | DRAWING: WATERLEVEL.AI | FILE NO.: GRAPHICS | PN: SUPERIORWI0711\INVESTIG | DWG DATE: 08MAY00





LEGEND

- STORM SEWER
- WOODEN FENCE
- CHAIN FENCE
- TREE LINE
- MW-1 ● MONITORING WELL LOCATION
- (72.85) WATER TABLE ELEVATION (Feet)
- 73.5 ISOCONCENTRATION CONTOUR (Dashed Where Inferred)
- GENERALIZED GROUNDWATER FLOW DIRECTION

NOTE: Elevations are relative to a bench mark. The bench mark is the northern most bolt on bottom flange of fire hydrant located on north side of Emil Street.

ARCADIS GERAGHTY & MILLER

WATER TABLE ELEVATION MAP ON MARCH 21, 2000

SUPERIOR HEALTH LINEN
MADISON, WISCONSIN

FIGURE
4

Appendix A

Soil Boring Log Forms
Monitoring Well Construction Forms
Monitoring Well Development Forms
Borehole Abandonment Forms

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Superfund ☐ Other _____

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 5-92

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
SUPERIOR LINEN		**MW-1**

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
GILES ENGINEERING **TIM/JEFF AND JAMES**	02 / 15 / 00 MM DD YY	02 / 15 / 00 MM DD YY	**HOLLOW STEM AUGER**

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
___ ___	___ ___ ___ ___ ___	**MW-1**	_____ Feet MSL	_____ Feet MSL	**9.00** inches

Boring Location
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat ° ' "
Long ° ' "

Local Grid Location (If applicable)
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

County	DNR County Code	Civil Town/City/ or Village
DANE	**13**	**MADISON**

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1			1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0	**0.0 to 9.0 Blind drill 8.25 O.D. (4.25" I.D.) augers.**										
2	24	2 1 1	10.0 11.0 12.0	**9.0 to 11.0 0-2': Sandy Clay, brown, some silt, very moist at 10 ft, very soft.**										

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

Signature: David Hegeness

Firm **ARCADIS Geraghty & Miller, Inc.**
126 N. Jefferson St., Suite 400, Milwaukee, WI 53202 (414) 276-7742

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.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A Rev. 5-92

Boring Number **MW-1** Use only as an attachment to Form 4400-122.

Sample: Number and Type	Sample: Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			13.0	**At 17 ft switch to air rotary with 6 " O.D. diameter.**										
			14.0	**End drill at 38 ft bgs hit groundwater about 33½ ft.**										
			15.0	**Screened 28-38 ft bgs (sand collapsed/blew in to 35 ft).**										
			16.0											
			17.0											
			18.0											
			19.0											
			20.0											
			21.0											
			22.0											
			23.0											
			24.0											
			25.0											
			26.0											
			27.0											
			28.0											
			29.0											
			30.0											
			31.0											
			32.0											

SUPERIOR LINEN
WI0007710001

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Superfund ☐ Other _____

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 5-92

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
SUPERIOR LINEN		**MW-2**

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
GILES ENGINEERING **JEFF/TIM AND JAMES**	**02** / **15** / **00** MM DD YY	**02** / **15** / **00** MM DD YY	**HOLLOW STEM AUGER**

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
___ ___ ___	___ ___ ___ ___ ___ ___	**MW-2**	_____ Feet MSL	_____ Feet MSL	**8.25** inches

Boring Location
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat ° ' "
Long ° ' "

Local Grid Location (If applicable)
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

County	DNR County Code	Civil Town/City/ or Village
DANE	**13**	**MADISON**

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
0			1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0	**0.0 to 9.0 Blind drill with 9" O.D. Hollow Stem Auger to 9 feet.**										
2	15		10.0 11.0 12.0	**9.0 to 11.0 0-3": Sand, very dark brown, fine to medium grained, trace silt, well-sorted, very moist.** **3-8": Sand, very light brown, fine to medium grained, with sandstone fragments up to 1 inch (top**										

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

Signature _____ Firm **ARCADIS Geraghty & Miller, Inc.**
126 N. Jefferson St., Suite 400, Milwaukee, WI 53202 (414) 276-7742

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.

State of Wisconsin
Department of Natural Resources
Boring Number **MW-2**

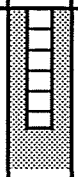
SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A Rev. 5-92
Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			13.0	fragments up to 1 inch (top of bedrock).										
			14.0	8-10": Sand, dark brown, fine to medium grained, well-sorted.										
			15.0	10-12": Sand, dark orangish brown, fine to medium grained, sandstone fragments up to 1½, well-sorted, dry/slightly moist.										
			16.0											
			17.0	12-15": Sand, very light brown, fine to medium grained, sandstone fragments, well-sorted, dry.										
			18.0											
3	8		19.0	19.0 to 21.0 0-1": Sand, very dark brown, fine to medium grained, may be slough.										
			20.0											
			21.0	1-7": Sand/Sandstone, light pinkish, fine to medium grained, sandstone fragments (fragments are circular diamter of splitspoon), well-sorted, dry.										
			22.0											
			23.0											
4	7		24.0	24.0 to 26.0 0-7": Sand/Sandstone, light pinkish white, fine grained, some fine sandstone fragments, well- sorted, dry.										
			25.0											
			26.0											
			27.0											
			28.0											
5	14		29.0	29.0 to 31.0 0-14": Sand/Sandstone, light brown, fine grained, well- sorted, saturated.										
			30.0											
			31.0											
			32.0											

SUPERIOR LINEN
WI0007710001

State of Wisconsin
Department of Natural Resources
Boring Number **MW-2**

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A Rev. 5-92
Use only as an attachment to Form 4400-122.

Sample: Number and Type	Sample: Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			33.0	**Set well screen 23.5 to 33.5 ft bgs.**										
			34.0											
			35.0											
			36.0											
			37.0											
			38.0											
			39.0											
			40.0											
			41.0											
			42.0											
			43.0											
			44.0											
			45.0											
			46.0											
			47.0											
			48.0											
			49.0											
			50.0											
			51.0											
			52.0											

SUPERIOR LINEN
WI0007710001

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Superfund ☐ Other _____

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 5-92

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
SUPERIOR LINEN		**MW-3**

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
GILES ENGINEERING **JEFF AND JAMES**	**02** / **16** / **00** MM DD YY	**02** / **16** / **00** MM DD YY	**HOLLOW STEM AUGER**

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW-3	_____ Feet MSL	_____ Feet MSL	**9.00** inches

Boring Location
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat ° ' "
Long ° ' "

Local Grid Location (If applicable)
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

County	DNR County Code	Civil Town/City/ or Village
DANE	**13**	**MADISON**

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1			1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0	**0.0 to 9.0 Blind drill with 8.25"O.D. (4.25" I.D.) hollow stem auger to 9 feet.**										
2	15	2 1 1 5	9.0 10.0 11.0 12.0	**9.0 to 11.0 0-15": Sandy Clay, dark brown, fine to medium grained, grading to brown fine to medium sand, well-sorted, very moist.**										

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

Signature Daniel Hegener

Firm **ARCADIS Geraghty & Miller, Inc.**
126 N. Jefferson St., Suite 400, Milwaukee, WI 53202 (414) 276-7742

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.

State of Wisconsin
Department of Natural Resources
Boring Number **MW-3**

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A Rev. 5-92
Use only as an attachment to Form 4400-122.

Sample: Number and Type	Sample: Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			13.0	**Begin redrilling with 9" O.D. augers.**										
			14.0	**End air rottary drilling at 32 ft bls.**										
			15.0	**Set Screen 22-32 ft bls.**										
			16.0											
			17.0											
			18.0											
			19.0											
			20.0											
			21.0											
			22.0											
			23.0											
			24.0											
			25.0											
			26.0											
			27.0											
			28.0											
			29.0											
			30.0											
			31.0											
			32.0											

SUPERIOR LINEN
WI0007710001

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Superfund ☐ Other _____

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 5-92

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
SUPERIOR LINEN		**SB-1**

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
GILES ENGINEERING **JEFF AND JAMES**	**02** / **16** / **00** MM DD YY	**02** / **16** / **00** MM DD YY	**HOLLOW STEM AUGER**

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		SB-1	_____ Feet MSL	_____ Feet MSL	**8.25** inches

Boring Location
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat ° ' "
Long ° ' "

Local Grid Location (If applicable)
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

County	DNR County Code	Civil Town/City/ or Village
DANE	**13**	**MADISON**

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1			1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0	**0.0 to 14.0 Blind drill with 8.25" O.D. (4.25" I.D.) hollow stem auger to 14 feet.** **Auger cuttings: Silty Sand, brown. Very moist cutting oberseved from approximately 10 to 11 feet below ground surface.**										

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

Signature David Hegreaes

Firm **ARCADIS Geraghty & Miller, Inc.**
126 N. Jefferson St., Suite 400, Milwaukee, WI 53202 (414) 276-7742

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.

State of Wisconsin
Department of Natural Resources
Boring Number **SB-1**

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A Rev. 5-92
Use only as an attachment to Form 4400-122.

Sample: Number and Type	Sample: Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			13.0											
2	8		14.0	**14.0 to 16.0 0-8" Sandstone, yellowish white, fine grained, sandstone fragments up to 3/4" diameter, well-sorted, dry.**										
			15.0											
			16.0											
			17.0											
3	2		18.0											
			19.0	**19.0 to 21.0 0-2" Sandstone, very light brown, fine grained, with sandstone fragments, well-sorted, dry.**										
			20.0											
			21.0											
			22.0											
			23.0											
4			24.0	**24.0 to 26.0 0-3" Sandstone, light pinkish white, fine-grained, well-sorted, dry.**										
			25.0											
			26.0											
			27.0	**Hit competent bedrock at 27.5 ft bgs, with auger refusal, switch over to air rotary.**										
			28.0	**Driller reports drill bit from augers is stuck in hole. Move north approximately 4 feet and redrill (see MW-1 soil boring log).**										
			29.0											
			30.0	**Abandon borehole.**										
			31.0											
			32.0											

SUPERIOR LINEN
WI0007710001

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: **SUPERIOR LINEN**	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: **MW-1**
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. ___ ___ ___ Long. ___ ___ ___ or St. Plane ____ ft. N, ____ ft. E.	Wis. Unique Well Number / DNR Well Number: _____
Type of Well: Water Table Observation Well ☒ 11; Piezometer ☐ 12	Section Location of Waste/Source: ___ 1/4 of ___ 1/4 of Sec. ___, T. ___ N, R. ___ ☐E. ☐W.	Date Well Installed: m m / d d / y y = 0 2 / 1 5 / 0 0
Distance Well Is From Waste/Source Boundary: ____ ft.	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient; d ☐ Downgradient n ☒ Not Known	Well Installed By: (Person's Name and Firm): **DAN HEGRENES**; **ARCADIS GERAGHTY & MILLER**
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No		

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 **1.0** ft.

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

13. Sieve analysis attached? ☐ Yes ☒ No

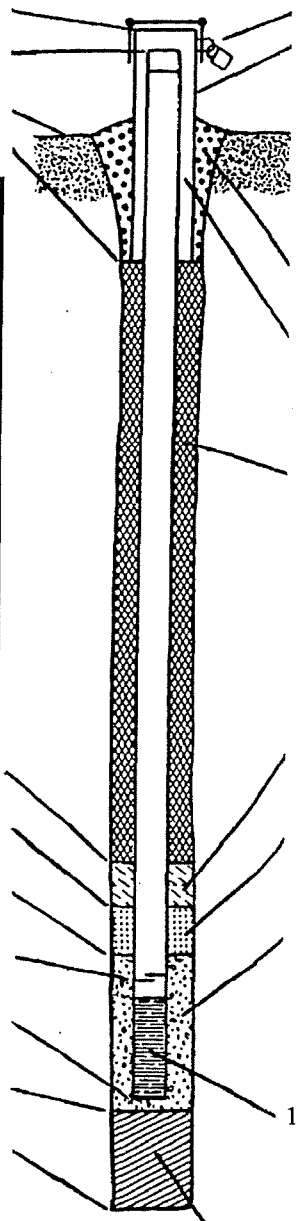
14. Drilling method used: Rotary ☒ 50; Hollow Stem Auger ☒ 41; Other ☐ ____

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):
_____

E. Bentonite seal, top _____ ft. MSL or **1.0** ft.
F. Fine sand, top _____ ft. MSL or **24.5** ft.
G. Filter pack, top _____ ft. MSL or **26.0** ft.
H. Screen joint, top _____ ft. MSL or **28.0** ft.
I. Well bottom _____ ft. MSL or **38.0** ft.
J. Filter pack, bottom _____ ft. MSL or **38.0** ft.
K. Borehole, bottom _____ ft. MSL or **38.0** ft.
L. Borehole, diameter **9.00** in.
M. O.D. well casing **2.38** in.
N. I.D. well casing **2.05** in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: **8.00** in.
b. Length: **1.5** ft.
c. Material: Steel ☒ 04; Other ☐ ____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☒ 30; Concrete ☐ 01; Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐ ____; Other ☐ ____
5. Annular space seal: a. Granular 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 pellets ☒ 32
c. _____ Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. **RED FLINT #45/55 SAND**
b. Volume added _____ ft³
8. Filter pack material: Manufacturer, product name & mesh size
a. **RED FLINT #30 SAND**
b. Volume added _____ ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ ____
10. Screen material: **SCH 40 PVC**
a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ ____
b. Manufacturer _____
c. Slot size: **0.010** in.
d. Slotted length: **10.0** ft.
11. Backfill material (below filter pack): None ☒ 14; Other ☐ ____

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

Signature: Daniel Hegrenes | Firm: **ARCADIS Geraghty & Miller, Inc.**
126 N. Jefferson St., Suite 400, Milwaukee, WI 53202 (414) 276-7742

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs 144,147 & 160, Wis Stats, and ch NR 141, Wis Ad Code. In accordance with ch 144, Wis Stats, failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch 147, Wis Stats, failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

WI0007710001

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: **SUPERIOR LINEN**	Local Grid Location of Well: ____ ft. ☐N ☐S ____ ft. ☐E ☐W	Well Name: **MW-2**
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. ___ ___ ___ Long. ___ ___ ___ or	Wis. Unique Well Number / DNR Well Number
Type of Well: Water Table Observation Well ☒ 11; Piezometer ☐ 12	St. Plane ____ ft. N, ____ ft. E.	Date Well Installed: 0 2 / 1 5 / 0 0 (m m d d y y)
Distance Well Is From Waste/Source Boundary: ft.	Section Location of Waste/Source: ___ 1/4 of ___ 1/4 of Sec. ___, T. ___ N, R. ___ ☐E ☐W	Well Installed By: (Person's Name and Firm): **GILES ENGINEERING**
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient; d ☐ Downgradient n ☒ Not Known	**JEFF/TIM AND JAMES**

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 **1.0** ft.

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

13. Sieve analysis attached? ☐ Yes ☒ No

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

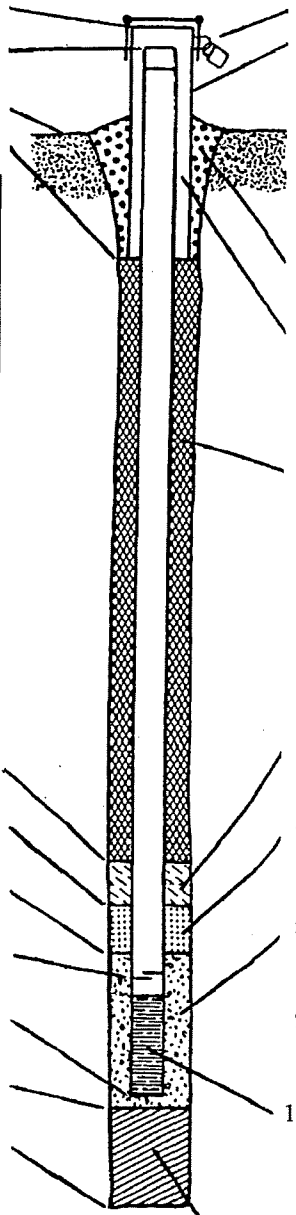
15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis): _____

E. Bentonite seal, top _____ ft. MSL or **1.0** ft.
F. Fine sand, top _____ ft. MSL or **20.0** ft.
G. Filter pack, top _____ ft. MSL or **21.5** ft.
H. Screen joint, top _____ ft. MSL or **23.5** ft.
I. Well bottom _____ ft. MSL or **33.5** ft.
J. Filter pack, bottom _____ ft. MSL or **34.0** ft.
K. Borehole, bottom _____ ft. MSL or **34.0** ft.
L. Borehole, diameter **8.25** in.
M. O.D. well casing **2.38** in.
N. I.D. well casing **2.05** in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: **8.00** in.
b. Length: **1.5** ft.
c. Material: Steel ☒ 04; Other ☐ ____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☒ 30; Concrete ☐ 01; Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐ ____; Other ☐ ____
5. Annular space seal: a. Granular 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 pellets ☒ 32
c. _____ Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. **RED FLINT #45/55**
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: **SCH 40 PVC**
a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ ____
b. Manufacturer _____
c. Slot size: **0.010** in.
d. Slotted length: **10.0** ft.
11. Backfill material (below filter pack): None ☒ 14; Other ☐ ____

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

Signature: _____ Firm: **ARCADIS Geraghty & Miller, Inc.**
126 N. Jefferson St., Suite 400, Milwaukee, WI 53202 (414) 276-7742

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs 144,147 & 160, Wis Stats, and ch NR 141, Wis Ad Code. In accordance with ch 144, Wis Stats, failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch 147, Wis Stats, failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

WI0007710001

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: **SUPERIOR LINEN**	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: **MW-3**
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. ___ ___ ___ Long. ___ ___ ___ or	Wis. Unique Well Number / DNR Well Number: _____ / _____
Type of Well: Water Table Observation Well ☒ 11; Piezometer ☐ 12	St. Plane ____ ft. N, ____ ft. E.	Date Well Installed: 0 2 / 1 6 / 0 0 (m m d d y y)
Distance Well Is From Waste/Source Boundary: ft.	Section Location of Waste/Source: ___ 1/4 of ___ 1/4 of Sec. ___, T. ___ N, R. ___ ☐ E. ☐ W.	Well Installed By: (Person's Name and Firm) **GILES ENGINEERING**
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient; d ☐ Downgradient n ☒ Not Known	**JEFF AND JAMES**

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 **1.0** ft.

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

13. Sieve analysis attached? ☐ 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): _____

E. Bentonite seal, top _____ ft. MSL or **1.0** ft.

F. Fine sand, top _____ ft. MSL or **18.5** ft.

G. Filter pack, top _____ ft. MSL or **20.0** ft.

H. Screen joint, top _____ ft. MSL or **22.0** ft.

I. Well bottom _____ ft. MSL or **32.0** ft.

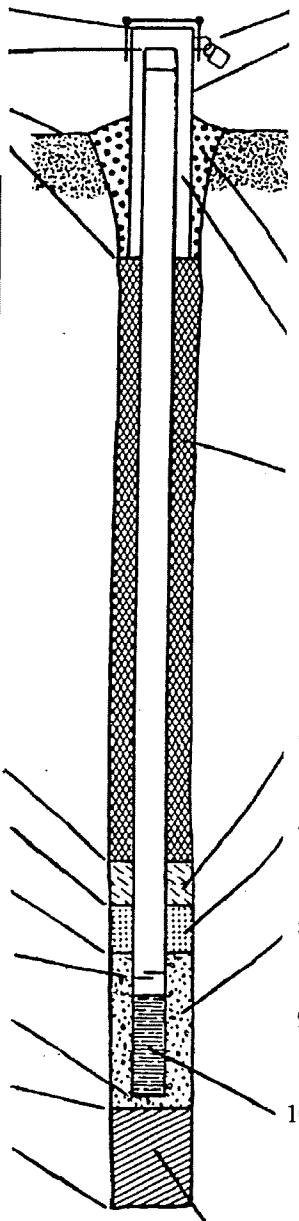
J. Filter pack, bottom _____ ft. MSL or **32.0** ft.

K. Borehole, bottom _____ ft. MSL or **32.0** ft.

L. Borehole, diameter **9.00** in.

M. O.D. well casing **2.38** in.

N. I.D. well casing **2.05** in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: **8.00** in.
b. Length: **1.5** ft.
c. Material: Steel ☒ 04; Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☒ 30; Concrete ☐ 01; Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐; Other ☐ _____

5. Annular space seal: a. Granular 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 pellets ☒ 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. **RED FLINT #45/55 SAND**
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: **SCH 40 PVC**
a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ _____
b. Manufacturer _____
c. Slot size: **0.010** in.
d. Slotted length: **10.0** ft.

11. Backfill material (below filter pack): None ☒ 14; Other ☐ _____

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

Signature: David Haeynes | Firm: **ARCADIS Geraghty & Miller, Inc.**
126 N. Jefferson St., Suite 400, Milwaukee, WI 53202 (414) 276-7742

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs 144,147 & 160, Wis Stats, and ch NR 141, Wis Ad Code. In accordance with ch 144, Wis Stats, failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch 147, Wis Stats, failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

WI0007710001

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
SUPERIOR LINEN	**DANE**	**MW-1**

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well Number
_ _ _ _ _ _ _	1 3	_ _ _ _ _ _ _	_ _ _

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 _ _ **120** min.

4. Depth of well (from top of well casing) _ _ **37.3** ft.

5. Inside diameter of well _ **2.00** _ in.

6. Volume of water in filter pack and well casing _ _ **5.6** gal.

7. Volume of water removed from well _ _ **55.0** gal.

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

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. _ _ **27.23** _ ft.	_ _ **27.80** _ ft.
Date	b. **0 2 / 1 6 / 0 0** m m d d y y	**0 2 / 2 2 / 0 0** m m d d y y
Time	c. **1 2 : 2 5** ☐ a.m. ☒ p.m.	**0 9 : 2 0** ☒ a.m. ☐ p.m.
12. Sediment in well bottom	_ _ _ inches	_ _ _ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15	Clear ☒ 20 Turbid ☐ 25
(Describe)	**LIGHT BROWN, VERY TURBID AND VERY SILTY**	**CLEAR**

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

14. Total suspended solids	_ _ _ _ _ mg/l	_ _ _ _ _ mg/l
15. COD	_ _ _ _ _ mg/l	_ _ _ _ _ mg/l

16. Additional comments on development:

Well developed by : Person's Name and Firm

Name: **DAN HEGRENES**

Firm: **ARCADIS Geraghty & Miller, Inc.**

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

Signature: David Hegrenes

Print Initials: D P H

ARCADIS Geraghty & Miller, Inc.

Firm: 126 N. Jefferson Street, Suite 400, Milwaukee, WI 53202 (414) 27

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

WI0007710001

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
SUPERIOR LINEN	**DANE**	**MW-2**
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number / DNR Well Number
_ _ _ _ _ _ _	1 3	_ _ _ _ _ _ _ / _ _ _

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 __ __ 120 __ min.

4. Depth of well (from top of well casing) __ __ 33.3 ft.

5. Inside diameter of well __ __ 2.00 __ in.

6. Volume of water in filter pack and well casing __ __ __ 8.3 gal.

7. Volume of water removed from well __ __ 79.0 gal.

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

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. __ __ 25.82 __ ft.	__ __ 25.93 __ ft.
Date	b. 0 2 / 1 6 / 0 0 (m m d d y y)	0 2 / 2 2 / 0 0 (m m d d y y)
Time	c. 1 2 : 5 5 ☐ a.m. ☒ p.m.	0 9 : 2 3 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	__ __ __ inches	__ __ __ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15	Clear ☒ 20 Turbid ☐ 25
(Describe)	BROWN, VERY TURBID, VERY SILTY	CLEAR TO LIGHT BROWN, VERY SLIGHTLY TURBID

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

14. Total suspended solids	__ __ __ __ mg/l	__ __ __ __ mg/l
15. COD	__ __ __ __ mg/l	__ __ __ __ mg/l

16. Additional comments on development:

Well developed by : Person's Name and Firm

Name: **DAN HEGRENES**

Firm: **ARCADIS Geraghty & Miller, Inc.**

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

Signature: Daniel Hegrenes

Print Initials: D P H

ARCADIS Geraghty & Miller, Inc.

Firm: 126 N. Jefferson Street, Suite 400, Milwaukee, WI 53202 (414) 27

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

WI0007710001

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
SUPERIOR LINEN	**DANE**	**MW-3**

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well Number
_ _ _ _ _ _ _	**1 3**	_ _ _ _ _ _ _ _	_ _ _

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 **60** min.

4. Depth of well (from top of well casing) **32.2** ft.

5. Inside diameter of well **2.05** in.

6. Volume of water in filter pack and well casing **3.3** gal.

7. Volume of water removed from well **35.0** gal.

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

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. **26.21** ft.	**26.34** ft.
Date	b. **02/16/00** mm dd yy	**02/22/00** mm dd yy
Time	c. **13:02** ☐ a.m. ☒ p.m.	**09:25** ☒ a.m. ☐ p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15	Clear ☒ 20 Turbid ☐ 25
(Describe)	**BROWN, VERY SILTY, VERY TURBID.**	**CLEAR TO VERY SLIGHTLY TURBID.**

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

14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Additional comments on development:

Well developed by : Person's Name and Firm

Name: **DAN HEGRENES**

Firm: **ARCADIS Geraghty & Miller, Inc.**

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

Signature: Dan Hegrenes

Print Initials: ___ ___ ___

ARCADIS Geraghty & Miller, Inc.
Firm: 126 N. Jefferson St., Suite 400, Milwaukee, WI 53202 (414) 276-7

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

WI0007710001

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-94

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 1 Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/drillhole/Borehole Location

County: **DANE**

___ 1/4 of ___ 1/4 Sec. ___ ; T. ___ N; R. ___ ☐ E ☐ W

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

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

Civil Town Name: **Madison Wisconsin**

Street Address of Well: **1509 Emil Street**

City, Village: **Madison**

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: **SUPERIOR LINEN**

Street or Route: **1509 Emil Street**

City, State, Zip Code: **Madison Wisconsin**

Facility Well No. and/or Name (If Applicable): **SB-1 SB-1**

WI Unique Well No: _ _ _ _ _ _

Reason For Abandonment: **Soil boring**

Date of Abandonment: **02/15/00**

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date) **02/15/00**

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☐ No

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

Formation Type:
☐ Unconsolidated Formation ☒ Bedrock

Total Well Depth (ft.) **27.5** (From groundsurface)

Casing Diameter (ins.) ___

Casing Depth (ft.) ___

Lower Drillhole Diameter (in.) **9.0**

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

If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

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

If No, Explain ___

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

(5) Required Method of Placing Sealing Material

☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

For monitoring wells and monitoring well boreholes only

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite
☐ Bentonite Pellets
☒ Granular Bentonite
☐ Bentonite- Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	**27.5**	**12 ft3**	

(8) Comments: ___

(9) Name of Person or Firm Doing Sealing Work

Signature of Person Doing Work | Date Signed

Street or Route | Telephone Number

City, State, Zip Code

DNR/COUNTY

(10) FOR DNR OR COUNTY USE ONLY

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

WI0007710001

Appendix B

Laboratory Report

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

ENCHEM INC.

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

Project Name: SUPERIOR LINEN
Project Number: WI000711.0002

ARCADIS GERAGHTY & MILLER
ATTN: Rebecca Forbort
126 NORTH JEFFERSON ST STE 400

MILWAUKEE WI 53202

Attached are the following for Batch Number: **900576**

- ✓ **Organic**
- ____ **Inorganic**
- ✓ **QC Data**
- ____ **Diskette**

Ship By: ✓ First Class Mail ____ FedEx
____ Priority Mail ____ Other: _____

Comments:

If you have any questions please call your Client Manager: **Elizabeth Graf**

3/6/00

(Please Print Legibly)

Company Name: ARCADIS Geraghty & Miller

Branch or Location: Milwaukee

Project Contact: Becky Forbort

Telephone: (414) 276-7742

Project Number: WI000716.0002

Project Name: Superior Liner

Project State: WI

Sampled By (Print): Dan Hegranes

Data Package Options (please circle if requested)

QC Summary	Surcharge	Site-Specific QC Required?
EnChem Level II	Std. Delivery	Yes No
EnChem Level III	10% (min. $50)	(If yes, indicate QC sample and submit triplicate volume.)
EnChem Level IV	25% (min. $100)	

EN CHEM INC.

1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436 • 1-800-736-2436
FAX 920-469-8827

525 Science Drive
Madison, WI 53711
608-232-3300 • 1-888-536-2436
FAX: 608-233-0502

1423 N. 8th Street, Suite 122
Superior, WI 54880
715-392-5844 • 1-800-837-8238
FAX 715-392-5843

CHAIN OF CUSTODY

56964

Page 1 of 1

P.O. # _____ Quote # _____

Mail Report To: Becky Forbort

Company: ARCADIS Geraghty & Miller

Address: 126 N. Jefferson St. 400

Milwaukee, WI 53202

Invoice To: same

Company: _____

Address: _____

Mail Invoice To: _____

*Preservation Codes: A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	ANALYSES REQUESTED: VOC 40 ml Glass vial	Plastic Bottle	MATRIX	COMMENTS	TOTAL BOTTLES (Lab Use Only)
FILTERED? (YES/NO)				NO				
PRESERVATION (CODE)*				B				
-001	MW-1	2-22-00	11:35	3		W		
-002	MW-2	2-22-00	13:55	3		W		
-003	MW-3	2-22-00	16:[illegible]	3		W		
-004	TRIP BLANK	2-22-00		2		W		
	TEMP BLANK				1	W		

Turnaround Time Requested (TAT) (circle): (Std (10 Bus. Days)) Rush

(Rush TAT subject to approval/surcharge)

Quick Turn Number: _____

Date Needed: _____

Transmit Rush Results by (circle): Phone Fax

Phone #: _____

Fax #: _____

Samples on HOLD are subject to special pricing and release of liability

Std. TAT	Surcharge
1 day	3.0x
2 day	2.0x
3 day	1.5x
4 day	1.4x
5 day	1.3x

Matrix Codes
W=Water
S=Soil
A=Air
C=Charcoal
B=Biota
SL=Sludge

Relinquished By:	Date/Time:	Received By:	Date/Time:
Daniel Hegranes	2/22/00 16:55	[signature]	2/22/00 16:55
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

En Chem Project No. 900576

Sample Receipt Temp. 3°C ROI

Sample Receipt pH (Wet/Metals) N/A

Custody Seal N

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

ENCHEM INC.

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name : SUPERIOR LINEN
Project Number : WI000711.0002

Client : ARCADIS GERAGHTY & MILLER
Report Date : 3/6/00
WI DNR LAB ID : 113172950

Lab Sample No.	Field ID	Collection Date	Lab Sample No.	Field ID	Collection Date
900576-001	MW-1	2/22/00			
900576-002	MW-2	2/22/00			
900576-003	MW-3	2/22/00			
900576-004	TRIP BLANK	2/22/00			

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 narrative. Release of this final report is authorized by Laboratory management, as is verified by the following signature.

Approval Signature

03-06-00
Date

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name : SUPERIOR LINEN
Project Number : WI000711.0002
Field ID : MW-1
Lab Sample Number : 900576-001
Lab Project Number : 900576

Submitter : ARCADIS GERAGHTY & MILLER
Report Date : 3/6/00
Collection Date : 2/22/00
Matrix Type : WATER
WI DNR LAB ID : 113172950

Volatile Organic Results

8260 VOLATILE LIST-Modified **Prep Method: SW846 5030B**

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1,2-Tetrachloroethane	< 0.49	0.49	1.6		ug/L		2/28/00	SW846 8260B
1,1,1-Trichloroethane	< 0.53	0.53	1.7		ug/L		2/28/00	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.68	0.68	2.2		ug/L		2/28/00	SW846 8260B
1,1,2-Trichloroethane	< 0.47	0.47	1.5		ug/L		2/28/00	SW846 8260B
1,1-Dichloroethane	< 0.61	0.61	1.9		ug/L		2/28/00	SW846 8260B
1,1-Dichloroethene	< 0.47	0.47	1.5		ug/L		2/28/00	SW846 8260B
1,1-Dichloropropene	< 0.59	0.59	1.9		ug/L		2/28/00	SW846 8260B
1,2,3-Trichlorobenzene	< 0.57	0.57	1.8		ug/L		2/28/00	SW846 8260B
1,2,3-Trichloropropane	< 0.71	0.71	2.3		ug/L		2/28/00	SW846 8260B
1,2,4-Trichlorobenzene	< 0.36	0.36	1.1		ug/L		2/28/00	SW846 8260B
1,2,4-Trimethylbenzene	< 0.47	0.47	1.5		ug/L		2/28/00	SW846 8260B
1,2-Dibromo-3-chloropropane	< 1.2	1.2	3.8		ug/L		2/28/00	SW846 8260B
1,2-Dibromoethane	< 0.49	0.49	1.6		ug/L		2/28/00	SW846 8260B
1,2-Dichlorobenzene	< 0.36	0.36	1.1		ug/L		2/28/00	SW846 8260B
1,2-Dichloroethane	< 0.54	0.54	1.7		ug/L		2/28/00	SW846 8260B
1,2-Dichloropropane	< 0.34	0.34	1.1		ug/L		2/28/00	SW846 8260B
1,3,5-Trimethylbenzene	< 0.45	0.45	1.4		ug/L		2/28/00	SW846 8260B
1,3-Dichlorobenzene	< 0.64	0.64	2.0		ug/L		2/28/00	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3		ug/L		2/28/00	SW846 8260B
1,4-Dichlorobenzene	< 0.43	0.43	1.4		ug/L		2/28/00	SW846 8260B
2,2-Dichloropropane	< 0.41	0.41	1.3		ug/L		2/28/00	SW846 8260B
2-Chlorotoluene	< 0.65	0.65	2.1		ug/L		2/28/00	SW846 8260B
4-Chlorotoluene	< 0.56	0.56	1.8		ug/L		2/28/00	SW846 8260B
Benzene	< 0.44	0.44	1.4		ug/L		2/28/00	SW846 8260B
Bromobenzene	< 0.46	0.46	1.5		ug/L		2/28/00	SW846 8260B
Bromochloromethane	< 0.21	0.21	0.67		ug/L		2/28/00	SW846 8260B
Bromodichloromethane	< 0.41	0.41	1.3		ug/L		2/28/00	SW846 8260B
Bromoform	< 0.58	0.58	1.8		ug/L		2/28/00	SW846 8260B
Bromomethane	< 0.94	0.94	3.0		ug/L		2/28/00	SW846 8260B
Carbon tetrachloride	< 0.90	0.90	2.9		ug/L		2/28/00	SW846 8260B
Chlorobenzene	< 0.43	0.43	1.4		ug/L		2/28/00	SW846 8260B
Chlorodibromomethane	< 0.43	0.43	1.4		ug/L		2/28/00	SW846 8260B
Chloroethane	< 0.63	0.63	2.0		ug/L		2/28/00	SW846 8260B
Chloroform	< 0.41	0.41	1.3		ug/L		2/28/00	SW846 8260B
Chloromethane	< 0.44	0.44	1.4		ug/L		2/28/00	SW846 8260B
cis-1,2-Dichloroethene	< 0.46	0.46	1.5		ug/L		2/28/00	SW846 8260B
cis-1,3-Dichloropropene	< 0.54	0.54	1.7		ug/L		2/28/00	SW846 8260B

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

ENCHEM INC.

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name : SUPERIOR LINEN
Project Number : WI000711.0002
Field ID : MW-1
Lab Sample Number : 900576-001
Lab Project Number : 900576

Submitter : ARCADIS GERAGHTY & MILLER
Report Date : 3/6/00
Collection Date : 2/22/00
Matrix Type : WATER
WI DNR LAB ID : 113172950

Dibromomethane	< 0.60	0.60	1.9	ug/L		2/28/00	SW846 8260B
Dichlorodifluoromethane	< 0.61	0.61	1.9	ug/L		2/28/00	SW846 8260B
Diisopropyl ether	< 0.42	0.42	1.3	ug/L		2/28/00	SW846 8260B
Ethylbenzene	< 0.50	0.50	1.6	ug/L		2/28/00	SW846 8260B
Fluorotrichloromethane	< 0.47	0.47	1.5	ug/L		2/28/00	SW846 8260B
Hexachlorobutadiene	< 0.49	0.49	1.6	ug/L		2/28/00	SW846 8260B
Isopropylbenzene	< 0.39	0.39	1.2	ug/L		2/28/00	SW846 8260B
Methyl-tert-butyl-ether	< 0.44	0.44	1.4	ug/L		2/28/00	SW846 8260B
Methylene chloride	< 0.38	0.38	1.2	ug/L		2/28/00	SW846 8260B
n-Butylbenzene	< 0.39	0.39	1.2	ug/L		2/28/00	SW846 8260B
n-Propylbenzene	< 0.54	0.54	1.7	ug/L		2/28/00	SW846 8260B
Naphthalene	< 0.59	0.59	1.9	ug/L		2/28/00	SW846 8260B
p-Isopropyltoluene	< 0.51	0.51	1.6	ug/L		2/28/00	SW846 8260B
s-Butylbenzene	< 0.58	0.58	1.8	ug/L		2/28/00	SW846 8260B
Styrene	< 0.37	0.37	1.2	ug/L		2/28/00	SW846 8260B
t-Butylbenzene	< 0.50	0.50	1.6	ug/L		2/28/00	SW846 8260B
Tetrachloroethene	6.5	0.41	1.3	ug/L		2/28/00	SW846 8260B
Toluene	0.47	0.40	1.3	ug/L	Q	2/28/00	SW846 8260B
trans-1,2-Dichloroethene	< 0.64	0.64	2.0	ug/L		2/28/00	SW846 8260B
trans-1,3-Dichloropropene	< 0.26	0.26	0.83	ug/L		2/28/00	SW846 8260B
Trichloroethene	< 0.49	0.49	1.6	ug/L		2/28/00	SW846 8260B
Vinyl chloride	< 0.17	0.17	0.54	ug/L		2/28/00	SW846 8260B
Xylene, -o	< 0.54	0.54	1.7	ug/L		2/28/00	SW846 8260B
Xylenes, -m, -p	< 0.77	0.77	2.5	ug/L		2/28/00	SW846 8260B
4-Bromofluorobenzene	100			%Recov		2/28/00	SW846 8260B
Dibromofluoromethane	104			%Recov		2/28/00	SW846 8260B
Toluene-d8	104			%Recov		2/28/00	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.
Units of %Recov(ery) denote surrogate spike recovery. All recoveries pass in-house control limits unless otherwise noted.

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name :	SUPERIOR LINEN	**Submitter :**	ARCADIS GERAGHTY & MILLER
Project Number :	WI000711.0002	**Report Date :**	3/6/00
Field ID :	MW-2	**Collection Date :**	2/22/00
Lab Sample Number :	900576-002	**Matrix Type :**	WATER
Lab Project Number :	900576	**WI DNR LAB ID :**	113172950

Volatile Organic Results

8260 VOLATILE LIST-Modified **Prep Method: SW846 5030B**

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1,2-Tetrachloroethane	< 0.49	0.49	1.6		ug/L		2/28/00	SW846 8260B
1,1,1-Trichloroethane	< 0.53	0.53	1.7		ug/L		2/28/00	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.68	0.68	2.2		ug/L		2/28/00	SW846 8260B
1,1,2-Trichloroethane	< 0.47	0.47	1.5		ug/L		2/28/00	SW846 8260B
1,1-Dichloroethane	< 0.61	0.61	1.9		ug/L		2/28/00	SW846 8260B
1,1-Dichloroethene	< 0.47	0.47	1.5		ug/L		2/28/00	SW846 8260B
1,1-Dichloropropene	< 0.59	0.59	1.9		ug/L		2/28/00	SW846 8260B
1,2,3-Trichlorobenzene	< 0.57	0.57	1.8		ug/L		2/28/00	SW846 8260B
1,2,3-Trichloropropane	< 0.71	0.71	2.3		ug/L		2/28/00	SW846 8260B
1,2,4-Trichlorobenzene	< 0.36	0.36	1.1		ug/L		2/28/00	SW846 8260B
1,2,4-Trimethylbenzene	< 0.47	0.47	1.5		ug/L		2/28/00	SW846 8260B
1,2-Dibromo-3-chloropropane	< 1.2	1.2	3.8		ug/L		2/28/00	SW846 8260B
1,2-Dibromoethane	< 0.49	0.49	1.6		ug/L		2/28/00	SW846 8260B
1,2-Dichlorobenzene	< 0.36	0.36	1.1		ug/L		2/28/00	SW846 8260B
1,2-Dichloroethane	< 0.54	0.54	1.7		ug/L		2/28/00	SW846 8260B
1,2-Dichloropropane	< 0.34	0.34	1.1		ug/L		2/28/00	SW846 8260B
1,3,5-Trimethylbenzene	< 0.45	0.45	1.4		ug/L		2/28/00	SW846 8260B
1,3-Dichlorobenzene	< 0.64	0.64	2.0		ug/L		2/28/00	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3		ug/L		2/28/00	SW846 8260B
1,4-Dichlorobenzene	< 0.43	0.43	1.4		ug/L		2/28/00	SW846 8260B
2,2-Dichloropropane	< 0.41	0.41	1.3		ug/L		2/28/00	SW846 8260B
2-Chlorotoluene	< 0.65	0.65	2.1		ug/L		2/28/00	SW846 8260B
4-Chlorotoluene	< 0.56	0.56	1.8		ug/L		2/28/00	SW846 8260B
Benzene	< 0.44	0.44	1.4		ug/L		2/28/00	SW846 8260B
Bromobenzene	< 0.46	0.46	1.5		ug/L		2/28/00	SW846 8260B
Bromochloromethane	< 0.21	0.21	0.67		ug/L		2/28/00	SW846 8260B
Bromodichloromethane	< 0.41	0.41	1.3		ug/L		2/28/00	SW846 8260B
Bromoform	< 0.58	0.58	1.8		ug/L		2/28/00	SW846 8260B
Bromomethane	< 0.94	0.94	3.0		ug/L		2/28/00	SW846 8260B
Carbon tetrachloride	< 0.90	0.90	2.9		ug/L		2/28/00	SW846 8260B
Chlorobenzene	< 0.43	0.43	1.4		ug/L		2/28/00	SW846 8260B
Chlorodibromomethane	< 0.43	0.43	1.4		ug/L		2/28/00	SW846 8260B
Chloroethane	< 0.63	0.63	2.0		ug/L		2/28/00	SW846 8260B
Chloroform	< 0.41	0.41	1.3		ug/L		2/28/00	SW846 8260B
Chloromethane	< 0.44	0.44	1.4		ug/L		2/28/00	SW846 8260B
cis-1,2-Dichloroethene	< 0.46	0.46	1.5		ug/L		2/28/00	SW846 8260B
cis-1,3-Dichloropropene	< 0.54	0.54	1.7		ug/L		2/28/00	SW846 8260B

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name : SUPERIOR LINEN
Project Number : WI000711.0002
Field ID : MW-2
Lab Sample Number : 900576-002
Lab Project Number : 900576

Submitter : ARCADIS GERAGHTY & MILLER
Report Date : 3/6/00
Collection Date : 2/22/00
Matrix Type : WATER
WI DNR LAB ID : 113172950

Dibromomethane	< 0.60	0.60	1.9	ug/L	2/28/00	SW846 8260B
Dichlorodifluoromethane	< 0.61	0.61	1.9	ug/L	2/28/00	SW846 8260B
Diisopropyl ether	< 0.42	0.42	1.3	ug/L	2/28/00	SW846 8260B
Ethylbenzene	< 0.50	0.50	1.6	ug/L	2/28/00	SW846 8260B
Fluorotrichloromethane	< 0.47	0.47	1.5	ug/L	2/28/00	SW846 8260B
Hexachlorobutadiene	< 0.49	0.49	1.6	ug/L	2/28/00	SW846 8260B
Isopropylbenzene	< 0.39	0.39	1.2	ug/L	2/28/00	SW846 8260B
Methyl-tert-butyl-ether	< 0.44	0.44	1.4	ug/L	2/28/00	SW846 8260B
Methylene chloride	< 0.38	0.38	1.2	ug/L	2/28/00	SW846 8260B
n-Butylbenzene	< 0.39	0.39	1.2	ug/L	2/28/00	SW846 8260B
n-Propylbenzene	< 0.54	0.54	1.7	ug/L	2/28/00	SW846 8260B
Naphthalene	< 0.59	0.59	1.9	ug/L	2/28/00	SW846 8260B
p-Isopropyltoluene	< 0.51	0.51	1.6	ug/L	2/28/00	SW846 8260B
s-Butylbenzene	< 0.58	0.58	1.8	ug/L	2/28/00	SW846 8260B
Styrene	< 0.37	0.37	1.2	ug/L	2/28/00	SW846 8260B
t-Butylbenzene	< 0.50	0.50	1.6	ug/L	2/28/00	SW846 8260B
Tetrachloroethene	7.1	0.41	1.3	ug/L	2/28/00	SW846 8260B
Toluene	< 0.40	0.40	1.3	ug/L	2/28/00	SW846 8260B
trans-1,2-Dichloroethene	< 0.64	0.64	2.0	ug/L	2/28/00	SW846 8260B
trans-1,3-Dichloropropene	< 0.26	0.26	0.83	ug/L	2/28/00	SW846 8260B
Trichloroethene	< 0.49	0.49	1.6	ug/L	2/28/00	SW846 8260B
Vinyl chloride	< 0.17	0.17	0.54	ug/L	2/28/00	SW846 8260B
Xylene, -o	< 0.54	0.54	1.7	ug/L	2/28/00	SW846 8260B
Xylenes, -m, -p	< 0.77	0.77	2.5	ug/L	2/28/00	SW846 8260B
4-Bromofluorobenzene	100			%Recov	2/28/00	SW846 8260B
Dibromofluoromethane	107			%Recov	2/28/00	SW846 8260B
Toluene-d8	107			%Recov	2/28/00	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.
Units of %Recov(ery) denote surrogate spike recovery. All recoveries pass in-house control limits unless otherwise noted.

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name :	**SUPERIOR LINEN**	**Submitter :**	**ARCADIS GERAGHTY & MILLER**
Project Number :	**WI000711.0002**	**Report Date :**	**3/6/00**
Field ID :	MW-3	**Collection Date :**	**2/22/00**
Lab Sample Number :	**900576-003**	**Matrix Type :**	**WATER**
Lab Project Number :	**900576**	**WI DNR LAB ID :**	**113172950**

Volatile Organic Results

8260 VOLATILE LIST-Modified **Prep Method: SW846 5030B**

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1,2-Tetrachloroethane	< 0.49	0.49	1.6		ug/L		2/28/00	SW846 8260B
1,1,1-Trichloroethane	< 0.53	0.53	1.7		ug/L		2/28/00	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.68	0.68	2.2		ug/L		2/28/00	SW846 8260B
1,1,2-Trichloroethane	< 0.47	0.47	1.5		ug/L		2/28/00	SW846 8260B
1,1-Dichloroethane	< 0.61	0.61	1.9		ug/L		2/28/00	SW846 8260B
1,1-Dichloroethene	< 0.47	0.47	1.5		ug/L		2/28/00	SW846 8260B
1,1-Dichloropropene	< 0.59	0.59	1.9		ug/L		2/28/00	SW846 8260B
1,2,3-Trichlorobenzene	< 0.57	0.57	1.8		ug/L		2/28/00	SW846 8260B
1,2,3-Trichloropropane	< 0.71	0.71	2.3		ug/L		2/28/00	SW846 8260B
1,2,4-Trichlorobenzene	< 0.36	0.36	1.1		ug/L		2/28/00	SW846 8260B
1,2,4-Trimethylbenzene	< 0.47	0.47	1.5		ug/L		2/28/00	SW846 8260B
1,2-Dibromo-3-chloropropane	< 1.2	1.2	3.8		ug/L		2/28/00	SW846 8260B
1,2-Dibromoethane	< 0.49	0.49	1.6		ug/L		2/28/00	SW846 8260B
1,2-Dichlorobenzene	< 0.36	0.36	1.1		ug/L		2/28/00	SW846 8260B
1,2-Dichloroethane	< 0.54	0.54	1.7		ug/L		2/28/00	SW846 8260B
1,2-Dichloropropane	< 0.34	0.34	1.1		ug/L		2/28/00	SW846 8260B
1,3,5-Trimethylbenzene	< 0.45	0.45	1.4		ug/L		2/28/00	SW846 8260B
1,3-Dichlorobenzene	< 0.64	0.64	2.0		ug/L		2/28/00	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3		ug/L		2/28/00	SW846 8260B
1,4-Dichlorobenzene	< 0.43	0.43	1.4		ug/L		2/28/00	SW846 8260B
2,2-Dichloropropane	< 0.41	0.41	1.3		ug/L		2/28/00	SW846 8260B
2-Chlorotoluene	< 0.65	0.65	2.1		ug/L		2/28/00	SW846 8260B
4-Chlorotoluene	< 0.56	0.56	1.8		ug/L		2/28/00	SW846 8260B
Benzene	< 0.44	0.44	1.4		ug/L		2/28/00	SW846 8260B
Bromobenzene	< 0.46	0.46	1.5		ug/L		2/28/00	SW846 8260B
Bromochloromethane	< 0.21	0.21	0.67		ug/L		2/28/00	SW846 8260B
Bromodichloromethane	< 0.41	0.41	1.3		ug/L		2/28/00	SW846 8260B
Bromoform	< 0.58	0.58	1.8		ug/L		2/28/00	SW846 8260B
Bromomethane	< 0.94	0.94	3.0		ug/L		2/28/00	SW846 8260B
Carbon tetrachloride	< 0.90	0.90	2.9		ug/L		2/28/00	SW846 8260B
Chlorobenzene	< 0.43	0.43	1.4		ug/L		2/28/00	SW846 8260B
Chlorodibromomethane	< 0.43	0.43	1.4		ug/L		2/28/00	SW846 8260B
Chloroethane	< 0.63	0.63	2.0		ug/L		2/28/00	SW846 8260B
Chloroform	< 0.41	0.41	1.3		ug/L		2/28/00	SW846 8260B
Chloromethane	< 0.44	0.44	1.4		ug/L		2/28/00	SW846 8260B
cis-1,2-Dichloroethene	< 0.46	0.46	1.5		ug/L		2/28/00	SW846 8260B
cis-1,3-Dichloropropene	< 0.54	0.54	1.7		ug/L		2/28/00	SW846 8260B

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name : SUPERIOR LINEN
Project Number : WI000711.0002
Field ID : MW-3
Lab Sample Number : 900576-003
Lab Project Number : 900576

Submitter : ARCADIS GERAGHTY & MILLER
Report Date : 3/6/00
Collection Date : 2/22/00
Matrix Type : WATER
WI DNR LAB ID : 113172950

Dibromomethane	< 0.60	0.60	1.9	ug/L	2/28/00	SW846 8260B
Dichlorodifluoromethane	< 0.61	0.61	1.9	ug/L	2/28/00	SW846 8260B
Diisopropyl ether	< 0.42	0.42	1.3	ug/L	2/28/00	SW846 8260B
Ethylbenzene	< 0.50	0.50	1.6	ug/L	2/28/00	SW846 8260B
Fluorotrichloromethane	< 0.47	0.47	1.5	ug/L	2/28/00	SW846 8260B
Hexachlorobutadiene	< 0.49	0.49	1.6	ug/L	2/28/00	SW846 8260B
Isopropylbenzene	< 0.39	0.39	1.2	ug/L	2/28/00	SW846 8260B
Methyl-tert-butyl-ether	< 0.44	0.44	1.4	ug/L	2/28/00	SW846 8260B
Methylene chloride	< 0.38	0.38	1.2	ug/L	2/28/00	SW846 8260B
n-Butylbenzene	< 0.39	0.39	1.2	ug/L	2/28/00	SW846 8260B
n-Propylbenzene	< 0.54	0.54	1.7	ug/L	2/28/00	SW846 8260B
Naphthalene	< 0.59	0.59	1.9	ug/L	2/28/00	SW846 8260B
p-Isopropyltoluene	< 0.51	0.51	1.6	ug/L	2/28/00	SW846 8260B
s-Butylbenzene	< 0.58	0.58	1.8	ug/L	2/28/00	SW846 8260B
Styrene	< 0.37	0.37	1.2	ug/L	2/28/00	SW846 8260B
t-Butylbenzene	< 0.50	0.50	1.6	ug/L	2/28/00	SW846 8260B
Tetrachloroethene	3.1	0.41	1.3	ug/L	2/28/00	SW846 8260B
Toluene	< 0.40	0.40	1.3	ug/L	2/28/00	SW846 8260B
trans-1,2-Dichloroethene	< 0.64	0.64	2.0	ug/L	2/28/00	SW846 8260B
trans-1,3-Dichloropropene	< 0.26	0.26	0.83	ug/L	2/28/00	SW846 8260B
Trichloroethene	< 0.49	0.49	1.6	ug/L	2/28/00	SW846 8260B
Vinyl chloride	< 0.17	0.17	0.54	ug/L	2/28/00	SW846 8260B
Xylene, -o	< 0.54	0.54	1.7	ug/L	2/28/00	SW846 8260B
Xylenes, -m, -p	< 0.77	0.77	2.5	ug/L	2/28/00	SW846 8260B
4-Bromofluorobenzene	100			%Recov	2/28/00	SW846 8260B
Dibromofluoromethane	107			%Recov	2/28/00	SW846 8260B
Toluene-d8	106			%Recov	2/28/00	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.
Units of %Recov(ery) denote surrogate spike recovery. All recoveries pass in-house control limits unless otherwise noted.

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name :	SUPERIOR LINEN	**Submitter :**	ARCADIS GERAGHTY & MILLER
Project Number :	WI000711.0002	**Report Date :**	3/6/00
Field ID :	TRIP BLANK	**Collection Date :**	2/22/00
Lab Sample Number :	900576-004	**Matrix Type :**	BLANK
Lab Project Number :	900576	**WI DNR LAB ID :**	113172950

Volatile Organic Results

8260 VOLATILE LIST-Modified **Prep Method: SW846 5030B**

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1,2-Tetrachloroethane	< 0.49	0.49	1.6		ug/L		2/28/00	SW846 8260B
1,1,1-Trichloroethane	< 0.53	0.53	1.7		ug/L		2/28/00	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.68	0.68	2.2		ug/L		2/28/00	SW846 8260B
1,1,2-Trichloroethane	< 0.47	0.47	1.5		ug/L		2/28/00	SW846 8260B
1,1-Dichloroethane	< 0.61	0.61	1.9		ug/L		2/28/00	SW846 8260B
1,1-Dichloroethene	< 0.47	0.47	1.5		ug/L		2/28/00	SW846 8260B
1,1-Dichloropropene	< 0.59	0.59	1.9		ug/L		2/28/00	SW846 8260B
1,2,3-Trichlorobenzene	< 0.57	0.57	1.8		ug/L		2/28/00	SW846 8260B
1,2,3-Trichloropropane	< 0.71	0.71	2.3		ug/L		2/28/00	SW846 8260B
1,2,4-Trichlorobenzene	< 0.36	0.36	1.1		ug/L		2/28/00	SW846 8260B
1,2,4-Trimethylbenzene	< 0.47	0.47	1.5		ug/L		2/28/00	SW846 8260B
1,2-Dibromo-3-chloropropane	< 1.2	1.2	3.8		ug/L		2/28/00	SW846 8260B
1,2-Dibromoethane	< 0.49	0.49	1.6		ug/L		2/28/00	SW846 8260B
1,2-Dichlorobenzene	< 0.36	0.36	1.1		ug/L		2/28/00	SW846 8260B
1,2-Dichloroethane	< 0.54	0.54	1.7		ug/L		2/28/00	SW846 8260B
1,2-Dichloropropane	< 0.34	0.34	1.1		ug/L		2/28/00	SW846 8260B
1,3,5-Trimethylbenzene	< 0.45	0.45	1.4		ug/L		2/28/00	SW846 8260B
1,3-Dichlorobenzene	< 0.64	0.64	2.0		ug/L		2/28/00	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3		ug/L		2/28/00	SW846 8260B
1,4-Dichlorobenzene	< 0.43	0.43	1.4		ug/L		2/28/00	SW846 8260B
2,2-Dichloropropane	< 0.41	0.41	1.3		ug/L		2/28/00	SW846 8260B
2-Chlorotoluene	< 0.65	0.65	2.1		ug/L		2/28/00	SW846 8260B
4-Chlorotoluene	< 0.56	0.56	1.8		ug/L		2/28/00	SW846 8260B
Benzene	< 0.44	0.44	1.4		ug/L		2/28/00	SW846 8260B
Bromobenzene	< 0.46	0.46	1.5		ug/L		2/28/00	SW846 8260B
Bromochloromethane	< 0.21	0.21	0.67		ug/L		2/28/00	SW846 8260B
Bromodichloromethane	< 0.41	0.41	1.3		ug/L		2/28/00	SW846 8260B
Bromoform	< 0.58	0.58	1.8		ug/L		2/28/00	SW846 8260B
Bromomethane	< 0.94	0.94	3.0		ug/L		2/28/00	SW846 8260B
Carbon tetrachloride	< 0.90	0.90	2.9		ug/L		2/28/00	SW846 8260B
Chlorobenzene	< 0.43	0.43	1.4		ug/L		2/28/00	SW846 8260B
Chlorodibromomethane	< 0.43	0.43	1.4		ug/L		2/28/00	SW846 8260B
Chloroethane	< 0.63	0.63	2.0		ug/L		2/28/00	SW846 8260B
Chloroform	< 0.41	0.41	1.3		ug/L		2/28/00	SW846 8260B
Chloromethane	< 0.44	0.44	1.4		ug/L		2/28/00	SW846 8260B
cis-1,2-Dichloroethene	< 0.46	0.46	1.5		ug/L		2/28/00	SW846 8260B
cis-1,3-Dichloropropene	< 0.54	0.54	1.7		ug/L		2/28/00	SW846 8260B

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

EN CHEM INC.

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name : SUPERIOR LINEN
Project Number : WI000711.0002
Field ID : TRIP BLANK
Lab Sample Number : 900576-004
Lab Project Number : 900576

Submitter : ARCADIS GERAGHTY & MILLER
Report Date : 3/6/00
Collection Date : 2/22/00
Matrix Type : BLANK
WI DNR LAB ID : 113172950

Dibromomethane	< 0.60	0.60	1.9	ug/L	2/28/00	SW846 8260B
Dichlorodifluoromethane	< 0.61	0.61	1.9	ug/L	2/28/00	SW846 8260B
Diisopropyl ether	< 0.42	0.42	1.3	ug/L	2/28/00	SW846 8260B
Ethylbenzene	< 0.50	0.50	1.6	ug/L	2/28/00	SW846 8260B
Fluorotrichloromethane	< 0.47	0.47	1.5	ug/L	2/28/00	SW846 8260B
Hexachlorobutadiene	< 0.49	0.49	1.6	ug/L	2/28/00	SW846 8260B
Isopropylbenzene	< 0.39	0.39	1.2	ug/L	2/28/00	SW846 8260B
Methyl-tert-butyl-ether	< 0.44	0.44	1.4	ug/L	2/28/00	SW846 8260B
Methylene chloride	< 0.38	0.38	1.2	ug/L	2/28/00	SW846 8260B
n-Butylbenzene	< 0.39	0.39	1.2	ug/L	2/28/00	SW846 8260B
n-Propylbenzene	< 0.54	0.54	1.7	ug/L	2/28/00	SW846 8260B
Naphthalene	< 0.59	0.59	1.9	ug/L	2/28/00	SW846 8260B
p-Isopropyltoluene	< 0.51	0.51	1.6	ug/L	2/28/00	SW846 8260B
s-Butylbenzene	< 0.58	0.58	1.8	ug/L	2/28/00	SW846 8260B
Styrene	< 0.37	0.37	1.2	ug/L	2/28/00	SW846 8260B
t-Butylbenzene	< 0.50	0.50	1.6	ug/L	2/28/00	SW846 8260B
Tetrachloroethene	< 0.41	0.41	1.3	ug/L	2/28/00	SW846 8260B
Toluene	< 0.40	0.40	1.3	ug/L	2/28/00	SW846 8260B
trans-1,2-Dichloroethene	< 0.64	0.64	2.0	ug/L	2/28/00	SW846 8260B
trans-1,3-Dichloropropene	< 0.26	0.26	0.83	ug/L	2/28/00	SW846 8260B
Trichloroethene	< 0.49	0.49	1.6	ug/L	2/28/00	SW846 8260B
Vinyl chloride	< 0.17	0.17	0.54	ug/L	2/28/00	SW846 8260B
Xylene, -o	< 0.54	0.54	1.7	ug/L	2/28/00	SW846 8260B
Xylenes, -m, -p	< 0.77	0.77	2.5	ug/L	2/28/00	SW846 8260B
4-Bromofluorobenzene	101			%Recov	2/28/00	SW846 8260B
Dibromofluoromethane	102			%Recov	2/28/00	SW846 8260B
Toluene-d8	105			%Recov	2/28/00	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.
Units of %Recov(ery) denote surrogate spike recovery. All recoveries pass in-house control limits unless otherwise noted.

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

ENCHEM INC.

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

Organic Data Qualifier Sheet

B	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory LOD. 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	Elevated detection limit (see Sample Narrative).
D	Analyte value from diluted analysis.
DL	No surrogate recovery available due to sample dilution.
E	Analyte concentration exceeds calibration range (see Sample Narrative).
F	Repeated surrogate failure (see Sample Narrative).
G	Sample exhibits hydrocarbon pattern resembling gasoline.
H(n)	Analysis performed "n" days past holding time.
J	Qualitative evidence of analyte present: concentration detected is greater than the method detection limit but less than the reporting limit.
K	Detection Limit may be elevated due to the presence of an unrequested analyte (see Sample Narrative).
L	Detects in trip blank.
M	Methanol leakage.
ND	Not Detected.
NR	Not Required.
P	The relative percent difference for detected concentrations between the two GC columns was greater than 40 % difference.
Q	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.
U#	Elevated LOD due to matrix interference.
V	Heavy hydrocarbon present.
W	Sample received with headspace.
X	See Sample Narrative
Z	See Sample Narrative

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

EN CHEM INC.

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

SUB	Assay was subcontracted to an approved lab.
SUB	Assay was subcontracted to En Chem Green Bay WI Cert. # : 405132750.

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: EN CHEM Contract: AG&M

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900576

	CLIENT SAMPLE NO.	SMC1 #	SMC2 (TOL) #	SMC3 #	OTHER	TOT OUT
01	VBLK01	100	104	101		0
02	VBLK01LCS	99	99	95		0
03	VBLK01LCSD	101	104	100		0
04	TRIP BLANK	102	105	101		0
05	MW-1	104	104	100		0
06	MW-2	106	107	100		0
07	MW-3	107	106	100		0
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						

		QC LIMITS
SMC1	= DIBROMOFLUOROMETHANE	(77-130)
SMC2 (TOL)	= TOLUENE-D8	(76-133)
SMC3	= 4-BROMOFLUOROBENZENE	(77-133)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM Contract: AG&M

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900576

Matrix Spike - Sample No.: GW-31

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
DICHLORODIFLUOROMETHANE	50	0.0	51	102	7-256
CHLOROMETHANE	50	0.0	60	120	17-231
VINYL CHLORIDE	50	0.0	60	120	55-176
BROMOMETHANE	50	0.0	62	124	8-212
CHLOROETHANE	50	0.0	60	120	62-155
TRICHLOROFLUOROMETHANE	50	0.0	61	122	44-172
1 1-DICHLOROETHENE	50	0.0	65	130	67-146
METHYLENE CHLORIDE	50	0.0	56	112	65-139
TRANS-1 2-DICHLOROETHEN	50	0.0	58	116	70-133
METHYL T-BUTYL ETHER	50	0.0	57	114	55-138
1 1-DICHLOROETHANE	50	0.0	62	124	76-136
DIISOPROPYL ETHER	50	0.0	60	120	70-139
2 2-DICHLOROPROPANE	50	0.0	65	130	49-150
CIS-1 2-DICHLOROETHENE	50	1.4	60	117	71-140
BROMOCHLOROMETHANE	50	0.0	58	116	76-130
CHLOROFORM	50	0.0	60	120	75-138
1 1 1-TRICHLOROETHANE	50	0.0	60	120	73-144
CARBON TETRACHLORIDE	50	0.0	62	124	81-141
1 1-DICHLOROPROPENE	50	0.0	61	122	83-133
BENZENE	50	0.0	60	120	74-138
1 2-DICHLOROETHANE	50	0.0	57	114	69-136
TRICHLOROETHENE	50	31	87	112	84-124
1 2-DICHLOROPROPANE	50	0.0	55	110	77-129
DIBROMOMETHANE	50	0.0	58	116	75-128
BROMODICHLOROMETHANE	50	0.0	57	114	76-131
CIS-1 3-DICHLOROPROPENE	50	0.0	54	108	73-126
TOLUENE	50	0.0	59	118	76-133
TRANS-1 3-DICHLOROPROPE	50	0.0	58	116	64-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM Contract: AG&M

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900576

Matrix Spike - Sample No.: GW-31

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
TETRACHLOROETHENE	50	0.0	57	114	70-144
1 1 2-TRICHLOROETHANE	50	0.0	55	110	72-130
1 3-DICHLOROPROPANE	50	0.0	57	114	72-131
DIBROMOCHLOROMETHANE	50	0.0	56	112	71-136
1 2-DIBROMOETHANE	50	0.0	55	110	71-133
CHLOROBENZENE	50	0.0	55	110	75-130
ETHYL BENZENE	50	0.0	59	118	76-136
1 1 1 2-TETRACHLOROETHA	50	0.0	55	110	71-136
M- P-XYLENE	100	0.0	120	120	78-135
O-XYLENE	50	0.0	60	120	77-135
STYRENE	50	0.0	62	124*	82-118
BROMOFORM	50	0.0	54	108	71-127
ISOPROPYLBENZENE	50	0.0	62	124	77-141
BROMOBENZENE	50	0.0	53	106	73-131
N-PROPYLBENZENE	50	0.0	58	116	71-141
1 1 2 2-TETRACHLOROETHA	50	0.0	58	116	38-183
1 2 3-TRICHLOROPROPANE	50	0.0	52	104	67-136
2-CHLOROTOLUENE	50	0.0	56	112	73-134
1 3 5-TRIMETHYLBENZENE	50	0.0	58	116	69-142
4-CHLOROTOLUENE	50	0.0	56	112	68-135
TERT-BUTYLBENZENE	50	0.0	58	116	67-148
1 2 4-TRIMETHYLBENZENE	50	0.0	58	116	69-141
SEC-BUTYLBENZENE	50	0.0	59	118	65-154
1 3-DICHLOROBENZENE	50	0.0	54	108	69-133
P-ISOPROPYLTOLUENE (CYM	50	0.0	54	108	64-148
1 4-DICHLOROBENZENE	50	0.0	52	104	61-137
N-BUTYLBENZENE	50	0.0	59	118	64-147
1 2-DICHLOROBENZENE	50	0.0	53	106	71-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM Contract: AG&M

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900576

Matrix Spike - Sample No.: GW-31

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
1 2-DIBROMO-3-CHLOROPRO	50	0.0	52	104	55-142
1 2 4-TRICHLOROBENZENE	50	0.0	58	116	64-135
HEXACHLOROBUTADIENE	50	0.0	58	116	44-163
NAPHTHALENE	50	0.0	51	102	58-138
1 2 3-TRICHLOROBENZENE	50	0.0	57	114	60-136

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM Contract: AG&M

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900576

Matrix Spike - Sample No.: GW-31

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
DICHLORODIFLUOROMETHANE	50	52	104	2	30	7-256
CHLOROMETHANE	50	61	122	2	30	17-231
VINYL CHLORIDE	50	62	124	3	30	55-176
BROMOMETHANE	50	66	132	6	30	8-212
CHLOROETHANE	50	60	120	0	30	62-155
TRICHLOROFLUOROMETHANE	50	62	124	2	30	44-172
1 1-DICHLOROETHENE	50	68	136	4	30	67-146
METHYLENE CHLORIDE	50	56	112	0	30	65-139
TRANS-1 2-DICHLOROETHEN	50	59	118	2	30	70-133
METHYL T-BUTYL ETHER	50	58	116	2	30	55-138
1 1-DICHLOROETHANE	50	62	124	0	30	76-136
DIISOPROPYL ETHER	50	59	118	2	30	70-139
2 2-DICHLOROPROPANE	50	63	126	3	30	49-150
CIS-1 2-DICHLOROETHENE	50	60	117	0	30	71-140
BROMOCHLOROMETHANE	50	58	116	0	30	76-130
CHLOROFORM	50	58	116	3	30	75-138
1 1 1-TRICHLOROETHANE	50	59	118	2	30	73-144
CARBON TETRACHLORIDE	50	60	120	3	30	81-141
1 1-DICHLOROPROPENE	50	61	122	0	30	83-133
BENZENE	50	59	118	2	30	74-138
1 2-DICHLOROETHANE	50	56	112	2	30	69-136
TRICHLOROETHENE	50	84	106	6	30	84-124
1 2-DICHLOROPROPANE	50	54	108	2	30	77-129
DIBROMOMETHANE	50	56	112	4	30	75-128
BROMODICHLOROMETHANE	50	55	110	4	30	76-131
CIS-1 3-DICHLOROPROPENE	50	55	110	2	30	73-126
TOLUENE	50	59	118	0	30	76-133
TRANS-1 3-DICHLOROPROPE	50	57	114	2	30	64-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM Contract: AG&M

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900576

Matrix Spike - Sample No.: GW-31

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
TETRACHLOROETHENE	50	57	114	0	30	70-144
1 1 2-TRICHLOROETHANE	50	54	108	2	30	72-130
1 3-DICHLOROPROPANE	50	55	110	4	30	72-131
DIBROMOCHLOROMETHANE	50	56	112	0	30	71-136
1 2-DIBROMOETHANE	50	55	110	0	30	71-133
CHLOROBENZENE	50	54	108	2	30	75-130
ETHYL BENZENE	50	58	116	2	30	76-136
1 1 1 2-TETRACHLOROETHA	50	55	110	0	30	71-136
M- P-XYLENE	100	120	120	0	30	78-135
O-XYLENE	50	59	118	2	30	77-135
STYRENE	50	61	122*	2	30	82-118
BROMOFORM	50	57	114	5	30	71-127
ISOPROPYLBENZENE	50	61	122	2	30	77-141
BROMOBENZENE	50	53	106	0	30	73-131
N-PROPYLBENZENE	50	58	116	0	30	71-141
1 1 2 2-TETRACHLOROETHA	50	58	116	0	30	38-183
1 2 3-TRICHLOROPROPANE	50	53	106	2	30	67-136
2-CHLOROTOLUENE	50	56	112	0	30	73-134
1 3 5-TRIMETHYLBENZENE	50	59	118	2	30	69-142
4-CHLOROTOLUENE	50	56	112	0	30	68-135
TERT-BUTYLBENZENE	50	58	116	0	30	67-148
1 2 4-TRIMETHYLBENZENE	50	58	116	0	30	69-141
SEC-BUTYLBENZENE	50	59	118	0	30	65-154
1 3-DICHLOROBENZENE	50	54	108	0	30	69-133
P-ISOPROPYLTOLUENE (CYM	50	54	108	0	30	64-148
1 4-DICHLOROBENZENE	50	52	104	0	30	61-137
N-BUTYLBENZENE	50	59	118	0	30	64-147
1 2-DICHLOROBENZENE	50	54	108	2	30	71-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM Contract: AG&M

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900576

Matrix Spike - Sample No.: GW-31

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1 2-DIBROMO-3-CHLOROPRO	50	55	110	6	30	55-142
1 2 4-TRICHLOROBENZENE	50	60	120	3	30	64-135
HEXACHLOROBUTADIENE	50	58	116	0	30	44-163
NAPHTHALENE	50	54	108	6	30	58-138
1 2 3-TRICHLOROBENZENE	50	61	122	7	30	60-136

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 61 outside limits
Spike Recovery: 2 out of 122 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: EN CHEM Contract: AG&M

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900576

Matrix Spike - Sample No.: VBLK01

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1 1-DICHLOROETHENE	50	0.0	46	92	61-145
BENZENE	50	0.0	54	108	76-127
TRICHLOROETHENE	50	0.0	51	102	71-120
TOLUENE	50	0.0	53	106	76-125
CHLOROBENZENE	50	0.0	50	100	75-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1 1-DICHLOROETHENE	50	46	92	0	14	61-145
BENZENE	50	53	106	2	14	76-127
TRICHLOROETHENE	50	50	100	2	11	71-120
TOLUENE	50	54	108	2	13	76-125
CHLOROBENZENE	50	52	104	4	13	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

_____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NC

VBLK01

Lab Name: EN CHEM Contract: AG&M

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900576

Lab File ID: F6346 Lab Sample ID: VBLK01

Date Analyzed: 02/28/00 Time Analyzed: 1547

GC Column: RTX-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: VMS6F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VBLK01LCS	VBLK01LCS	F6347	1614
02	VBLK01LCSD	VBLK01LCSD	F6348	1642
03	TRIP BLANK	900576-004	F6351	1803
04	MW-1	900576-001	F6360	2209
05	MW-2	900576-002	F6361	2235
06	MW-3	900576-003	F6362	2303
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

ENCHEM INC.

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

Project Name: SUPERIOR LINEN
Project Number: WI000711.0002

ARCADIS GERAGHTY & MILLER
ATTN: Rebecca Forbort
126 NORTH JEFFERSON ST STE 400

MILWAUKEE WI 53202

Attached are the following for Batch Number: **900992**

- X **Organic**
- ____ **Inorganic**
- ____ **QC Data**
- ____ **Diskette**

Ship By: X First Class Mail ____ FedEx
____ Priority Mail ____ Other: _____

Comments:

If you have any questions please call your Client Manager: **Elizabeth Graf**

RECEIVED
APR 10 2000
ARCADIS Geraghty & Miller

4/5/00

EN CHEM INC.

... chemistry for the environment

Please Remit Payment To:

EN CHEM INC DEPT #4015
PO BOX 2088
MILWAUKEE WI 53201-2088
TELEPHONE: 920-469-2436
FAX: 920-469-8827

INVOICE

INVOICE NO 05900992

DATE: 04/06/00

EN CHEM PROJ: 900992

PO NO:

PROJ REC'D: 03/22/00

TERMS: W/IN 75 DA

DUE DATE: 06/20/00

BILL TO:

ARCADIS GERAGHTY & MILLER
SUITE 400
126 NORTH JEFFERSON STREET
MILWAUKEE WI 53202

SITE INFORMATION:

WI000711.0002
ATTN: R FORBORT
SUPERIOR LINEN

QUANTITY	ITEM CODE	DESCRIPTION	PRICE EACH	AMOUNT
3	013M	8260 VOLATILE LIST-MODIFIED	$95.00	$285.00

SubTotal: $285.00 **Tax:** $0.00 **Discount:** $0.00 **Total:** $285.00

Thank You For Choosing En Chem!

Please complete, detach and return with your payment.

METHOD OF PAYMENT : CHECK / VISA / MASTERCARD / AMERICAN EXPRESS
(circle one)

Credit Card Holder: *(print)* _____

Credit Card Account No: _____

Exp Date: _____ ***Signature:*** _____

INVOICE TOTAL $285.00

AMOUNT PAID $ _____

CHECK NO: _____

INVOICE NO: 05900992

ARCADIS GERAGHTY & MILLER Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 1

Project Number/Name WI000711.0002 / SUPERIOR LINEN

Project Location MADISON, WI

Laboratory EN CHEM

Project Manager Becky ~~Peterson~~ Forbert

Sampler(s)/Affiliation D. Hegreves / AG&M

0992 Sample ID/Location	Matrix	Date/~~Time~~ Sampled	TIME ~~Lab ID~~	ANALYSIS / METHOD / SIZE: 40ml Glass Vial w/HCl VOC						Remarks	Total
001 MW-1	L	3/21/00	11:20	3							3
002 MW-2	L	3/21/00	13:45	3							3
003 MW-3	L	3/21/00	15:35	3							3
004 TRIP BLANK	L	3/22/00		2							2

Sample Matrix: (L = Liquid;) S = Solid; A = Air

Total No. of Bottles/ Containers: 11

Relinquished by: Daniel Hegreves	Organization: Arcadis Geraghty & Miller	Date 22 MAR 00	Time _____	Seal Intact?	
Received by: [illegible]	Organization: En Chem	Date 3/22/00	Time 1545	Yes No N/A	
Relinquished by: [illegible]	Organization: EN CHEM	Date 3/22/00	Time 1515	Seal Intact?	
Received by: [illegible]	Organization: EN CHEM	Date 3/22/00	Time 1530	Yes No (N/A)	

Special Instructions/Remarks: Cooler samples on ice

Questions please call Becky Forbert at 414-276-7742.

Delivery Method: ☐ In Person ☐ Common Carrier _____ SPECIFY ☐ Lab Courier ☐ Other _____

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

ENCHEM INC.

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name : SUPERIOR LINEN
Project Number : WI000711.0002

Client : ARCADIS GERAGHTY & MILLER
Report Date : 4/5/00
WI DNR LAB ID : 113172950

Lab Sample No.	Field ID	Collection Date	Lab Sample No.	Field ID	Collection Date
900992-001	MW-1	3/21/00			
900992-002	MW-2	3/21/00			
900992-003	MW-3	3/21/00			
900992-004	TRIP BLANK	3/22/00			

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 narrative. Release of this final report is authorized by Laboratory management, as is verified by the following signature.

Approval Signature

04-05-00
Date

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name :	SUPERIOR LINEN	**Submitter :**	ARCADIS GERAGHTY & MILLER
Project Number :	WI000711.0002	**Report Date :**	4/5/00
Field ID :	MW-1	**Collection Date :**	3/21/00
Lab Sample Number :	900992-001	**Matrix Type :**	GROUNDWATER
Lab Project Number :	900992	**WI DNR LAB ID :**	113172950

Volatile Organic Results

8260 VOLATILE LIST-Modified **Prep Method: SW846 5030B**

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1,2-Tetrachloroethane	< 0.49	0.49	1.6		ug/L		3/29/00	SW846 8260B
1,1,1-Trichloroethane	< 0.53	0.53	1.7		ug/L		3/29/00	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.68	0.68	2.2		ug/L		3/29/00	SW846 8260B
1,1,2-Trichloroethane	< 0.47	0.47	1.5		ug/L		3/29/00	SW846 8260B
1,1-Dichloroethane	< 0.61	0.61	1.9		ug/L		3/29/00	SW846 8260B
1,1-Dichloroethene	< 0.47	0.47	1.5		ug/L		3/29/00	SW846 8260B
1,1-Dichloropropene	< 0.59	0.59	1.9		ug/L		3/29/00	SW846 8260B
1,2,3-Trichlorobenzene	< 0.57	0.57	1.8		ug/L		3/29/00	SW846 8260B
1,2,3-Trichloropropane	< 0.71	0.71	2.3		ug/L		3/29/00	SW846 8260B
1,2,4-Trichlorobenzene	< 0.36	0.36	1.1		ug/L		3/29/00	SW846 8260B
1,2,4-Trimethylbenzene	< 0.47	0.47	1.5		ug/L		3/29/00	SW846 8260B
1,2-Dibromo-3-chloropropane	< 1.2	1.2	3.8		ug/L		3/29/00	SW846 8260B
1,2-Dibromoethane	< 0.49	0.49	1.6		ug/L		3/29/00	SW846 8260B
1,2-Dichlorobenzene	< 0.36	0.36	1.1		ug/L		3/29/00	SW846 8260B
1,2-Dichloroethane	< 0.54	0.54	1.7		ug/L		3/29/00	SW846 8260B
1,2-Dichloropropane	< 0.34	0.34	1.1		ug/L		3/29/00	SW846 8260B
1,3,5-Trimethylbenzene	< 0.45	0.45	1.4		ug/L		3/29/00	SW846 8260B
1,3-Dichlorobenzene	< 0.64	0.64	2.0		ug/L		3/29/00	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3		ug/L		3/29/00	SW846 8260B
1,4-Dichlorobenzene	< 0.43	0.43	1.4		ug/L		3/29/00	SW846 8260B
2,2-Dichloropropane	< 0.41	0.41	1.3		ug/L		3/29/00	SW846 8260B
2-Chlorotoluene	< 0.65	0.65	2.1		ug/L		3/29/00	SW846 8260B
4-Chlorotoluene	< 0.56	0.56	1.8		ug/L		3/29/00	SW846 8260B
Benzene	< 0.44	0.44	1.4		ug/L		3/29/00	SW846 8260B
Bromobenzene	< 0.46	0.46	1.5		ug/L		3/29/00	SW846 8260B
Bromochloromethane	< 0.21	0.21	0.67		ug/L		3/29/00	SW846 8260B
Bromodichloromethane	< 0.41	0.41	1.3		ug/L		3/29/00	SW846 8260B
Bromoform	< 0.58	0.58	1.8		ug/L		3/29/00	SW846 8260B
Bromomethane	< 0.94	0.94	3.0		ug/L		3/29/00	SW846 8260B
Carbon tetrachloride	< 0.90	0.90	2.9		ug/L		3/29/00	SW846 8260B
Chlorobenzene	< 0.43	0.43	1.4		ug/L		3/29/00	SW846 8260B
Chlorodibromomethane	< 0.43	0.43	1.4		ug/L		3/29/00	SW846 8260B
Chloroethane	< 0.63	0.63	2.0		ug/L		3/29/00	SW846 8260B
Chloroform	< 0.41	0.41	1.3		ug/L		3/29/00	SW846 8260B
Chloromethane	< 0.44	0.44	1.4		ug/L		3/29/00	SW846 8260B
cis-1,2-Dichloroethene	< 0.46	0.46	1.5		ug/L		3/29/00	SW846 8260B
cis-1,3-Dichloropropene	< 0.54	0.54	1.7		ug/L		3/29/00	SW846 8260B

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name : SUPERIOR LINEN
Project Number : WI000711.0002
Field ID : MW-1
Lab Sample Number : 900992-001
Lab Project Number : 900992

Submitter : ARCADIS GERAGHTY & MILLER
Report Date : 4/5/00
Collection Date : 3/21/00
Matrix Type : GROUNDWATER
WI DNR LAB ID : 113172950

Dibromomethane	< 0.60	0.60	1.9	ug/L	3/29/00	SW846 8260B
Dichlorodifluoromethane	< 0.61	0.61	1.9	ug/L	3/29/00	SW846 8260B
Diisopropyl ether	< 0.42	0.42	1.3	ug/L	3/29/00	SW846 8260B
Ethylbenzene	< 0.50	0.50	1.6	ug/L	3/29/00	SW846 8260B
Fluorotrichloromethane	< 0.47	0.47	1.5	ug/L	3/29/00	SW846 8260B
Hexachlorobutadiene	< 0.49	0.49	1.6	ug/L	3/29/00	SW846 8260B
Isopropylbenzene	< 0.39	0.39	1.2	ug/L	3/29/00	SW846 8260B
Methyl-tert-butyl-ether	< 0.44	0.44	1.4	ug/L	3/29/00	SW846 8260B
Methylene chloride	< 0.38	0.38	1.2	ug/L	3/29/00	SW846 8260B
n-Butylbenzene	< 0.39	0.39	1.2	ug/L	3/29/00	SW846 8260B
n-Propylbenzene	< 0.54	0.54	1.7	ug/L	3/29/00	SW846 8260B
Naphthalene	< 0.59	0.59	1.9	ug/L	3/29/00	SW846 8260B
p-Isopropyltoluene	< 0.51	0.51	1.6	ug/L	3/29/00	SW846 8260B
s-Butylbenzene	< 0.58	0.58	1.8	ug/L	3/29/00	SW846 8260B
Styrene	< 0.37	0.37	1.2	ug/L	3/29/00	SW846 8260B
t-Butylbenzene	< 0.50	0.50	1.6	ug/L	3/29/00	SW846 8260B
Tetrachloroethene	2.2	0.41	1.3	ug/L	3/29/00	SW846 8260B
Toluene	< 0.40	0.40	1.3	ug/L	3/29/00	SW846 8260B
trans-1,2-Dichloroethene	< 0.64	0.64	2.0	ug/L	3/29/00	SW846 8260B
trans-1,3-Dichloropropene	< 0.26	0.26	0.83	ug/L	3/29/00	SW846 8260B
Trichloroethene	< 0.49	0.49	1.6	ug/L	3/29/00	SW846 8260B
Vinyl chloride	< 0.17	0.17	0.54	ug/L	3/29/00	SW846 8260B
Xylene, -o	< 0.54	0.54	1.7	ug/L	3/29/00	SW846 8260B
Xylenes, -m, -p	< 0.77	0.77	2.5	ug/L	3/29/00	SW846 8260B
4-Bromofluorobenzene	88			%Recov	3/29/00	SW846 8260B
Dibromofluoromethane	94			%Recov	3/29/00	SW846 8260B
Toluene-d8	101			%Recov	3/29/00	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.
Units of %Recov(ery) denote surrogate spike recovery. All recoveries pass in-house control limits unless otherwise noted.

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name :	SUPERIOR LINEN	**Submitter :**	ARCADIS GERAGHTY & MILLER
Project Number :	WI000711.0002	**Report Date :**	4/5/00
Field ID :	MW-2	**Collection Date :**	3/21/00
Lab Sample Number :	900992-002	**Matrix Type :**	GROUNDWATER
Lab Project Number :	900992	**WI DNR LAB ID :**	113172950

Volatile Organic Results

8260 VOLATILE LIST-Modified **Prep Method: SW846 5030B**

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1,2-Tetrachloroethane	< 0.49	0.49	1.6		ug/L		3/29/00	SW846 8260B
1,1,1-Trichloroethane	< 0.53	0.53	1.7		ug/L		3/29/00	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.68	0.68	2.2		ug/L		3/29/00	SW846 8260B
1,1,2-Trichloroethane	< 0.47	0.47	1.5		ug/L		3/29/00	SW846 8260B
1,1-Dichloroethane	< 0.61	0.61	1.9		ug/L		3/29/00	SW846 8260B
1,1-Dichloroethene	< 0.47	0.47	1.5		ug/L		3/29/00	SW846 8260B
1,1-Dichloropropene	< 0.59	0.59	1.9		ug/L		3/29/00	SW846 8260B
1,2,3-Trichlorobenzene	< 0.57	0.57	1.8		ug/L		3/29/00	SW846 8260B
1,2,3-Trichloropropane	< 0.71	0.71	2.3		ug/L		3/29/00	SW846 8260B
1,2,4-Trichlorobenzene	< 0.36	0.36	1.1		ug/L		3/29/00	SW846 8260B
1,2,4-Trimethylbenzene	< 0.47	0.47	1.5		ug/L		3/29/00	SW846 8260B
1,2-Dibromo-3-chloropropane	< 1.2	1.2	3.8		ug/L		3/29/00	SW846 8260B
1,2-Dibromoethane	< 0.49	0.49	1.6		ug/L		3/29/00	SW846 8260B
1,2-Dichlorobenzene	< 0.36	0.36	1.1		ug/L		3/29/00	SW846 8260B
1,2-Dichloroethane	< 0.54	0.54	1.7		ug/L		3/29/00	SW846 8260B
1,2-Dichloropropane	< 0.34	0.34	1.1		ug/L		3/29/00	SW846 8260B
1,3,5-Trimethylbenzene	< 0.45	0.45	1.4		ug/L		3/29/00	SW846 8260B
1,3-Dichlorobenzene	< 0.64	0.64	2.0		ug/L		3/29/00	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3		ug/L		3/29/00	SW846 8260B
1,4-Dichlorobenzene	< 0.43	0.43	1.4		ug/L		3/29/00	SW846 8260B
2,2-Dichloropropane	< 0.41	0.41	1.3		ug/L		3/29/00	SW846 8260B
2-Chlorotoluene	< 0.65	0.65	2.1		ug/L		3/29/00	SW846 8260B
4-Chlorotoluene	< 0.56	0.56	1.8		ug/L		3/29/00	SW846 8260B
Benzene	< 0.44	0.44	1.4		ug/L		3/29/00	SW846 8260B
Bromobenzene	< 0.46	0.46	1.5		ug/L		3/29/00	SW846 8260B
Bromochloromethane	< 0.21	0.21	0.67		ug/L		3/29/00	SW846 8260B
Bromodichloromethane	< 0.41	0.41	1.3		ug/L		3/29/00	SW846 8260B
Bromoform	< 0.58	0.58	1.8		ug/L		3/29/00	SW846 8260B
Bromomethane	< 0.94	0.94	3.0		ug/L		3/29/00	SW846 8260B
Carbon tetrachloride	< 0.90	0.90	2.9		ug/L		3/29/00	SW846 8260B
Chlorobenzene	< 0.43	0.43	1.4		ug/L		3/29/00	SW846 8260B
Chlorodibromomethane	< 0.43	0.43	1.4		ug/L		3/29/00	SW846 8260B
Chloroethane	< 0.63	0.63	2.0		ug/L		3/29/00	SW846 8260B
Chloroform	< 0.41	0.41	1.3		ug/L		3/29/00	SW846 8260B
Chloromethane	< 0.44	0.44	1.4		ug/L		3/29/00	SW846 8260B
cis-1,2-Dichloroethene	< 0.46	0.46	1.5		ug/L		3/29/00	SW846 8260B
cis-1,3-Dichloropropene	< 0.54	0.54	1.7		ug/L		3/29/00	SW846 8260B

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name : SUPERIOR LINEN
Project Number : WI000711.0002
Field ID : MW-2
Lab Sample Number : 900992-002
Lab Project Number : 900992

Submitter : ARCADIS GERAGHTY & MILLER
Report Date : 4/5/00
Collection Date : 3/21/00
Matrix Type : GROUNDWATER
WI DNR LAB ID : 113172950

Dibromomethane	< 0.60	0.60	1.9	ug/L	3/29/00	SW846 8260B
Dichlorodifluoromethane	< 0.61	0.61	1.9	ug/L	3/29/00	SW846 8260B
Diisopropyl ether	< 0.42	0.42	1.3	ug/L	3/29/00	SW846 8260B
Ethylbenzene	< 0.50	0.50	1.6	ug/L	3/29/00	SW846 8260B
Fluorotrichloromethane	< 0.47	0.47	1.5	ug/L	3/29/00	SW846 8260B
Hexachlorobutadiene	< 0.49	0.49	1.6	ug/L	3/29/00	SW846 8260B
Isopropylbenzene	< 0.39	0.39	1.2	ug/L	3/29/00	SW846 8260B
Methyl-tert-butyl-ether	< 0.44	0.44	1.4	ug/L	3/29/00	SW846 8260B
Methylene chloride	< 0.38	0.38	1.2	ug/L	3/29/00	SW846 8260B
n-Butylbenzene	< 0.39	0.39	1.2	ug/L	3/29/00	SW846 8260B
n-Propylbenzene	< 0.54	0.54	1.7	ug/L	3/29/00	SW846 8260B
Naphthalene	< 0.59	0.59	1.9	ug/L	3/29/00	SW846 8260B
p-Isopropyltoluene	< 0.51	0.51	1.6	ug/L	3/29/00	SW846 8260B
s-Butylbenzene	< 0.58	0.58	1.8	ug/L	3/29/00	SW846 8260B
Styrene	< 0.37	0.37	1.2	ug/L	3/29/00	SW846 8260B
t-Butylbenzene	< 0.50	0.50	1.6	ug/L	3/29/00	SW846 8260B
Tetrachloroethene	7.4	0.41	1.3	ug/L	3/29/00	SW846 8260B
Toluene	< 0.40	0.40	1.3	ug/L	3/29/00	SW846 8260B
trans-1,2-Dichloroethene	< 0.64	0.64	2.0	ug/L	3/29/00	SW846 8260B
trans-1,3-Dichloropropene	< 0.26	0.26	0.83	ug/L	3/29/00	SW846 8260B
Trichloroethene	< 0.49	0.49	1.6	ug/L	3/29/00	SW846 8260B
Vinyl chloride	< 0.17	0.17	0.54	ug/L	3/29/00	SW846 8260B
Xylene, -o	< 0.54	0.54	1.7	ug/L	3/29/00	SW846 8260B
Xylenes, -m, -p	< 0.77	0.77	2.5	ug/L	3/29/00	SW846 8260B
4-Bromofluorobenzene	88			%Recov	3/29/00	SW846 8260B
Dibromofluoromethane	95			%Recov	3/29/00	SW846 8260B
Toluene-d8	101			%Recov	3/29/00	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.
Units of %Recov(ery) denote surrogate spike recovery. All recoveries pass in-house control limits unless otherwise noted.

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

EN CHEM INC.

- Analytical Report -

Project Name :	SUPERIOR LINEN	**Submitter :**	ARCADIS GERAGHTY & MILLER
Project Number :	WI000711.0002	**Report Date :**	4/5/00
Field ID :	MW-3	**Collection Date :**	3/21/00
Lab Sample Number :	900992-003	**Matrix Type :**	GROUNDWATER
Lab Project Number :	900992	**WI DNR LAB ID :**	113172950

Volatile Organic Results

8260 VOLATILE LIST-Modified **Prep Method: SW846 5030B**

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1,2-Tetrachloroethane	< 0.49	0.49	1.6		ug/L		3/29/00	SW846 8260B
1,1,1-Trichloroethane	< 0.53	0.53	1.7		ug/L		3/29/00	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.68	0.68	2.2		ug/L		3/29/00	SW846 8260B
1,1,2-Trichloroethane	< 0.47	0.47	1.5		ug/L		3/29/00	SW846 8260B
1,1-Dichloroethane	< 0.61	0.61	1.9		ug/L		3/29/00	SW846 8260B
1,1-Dichloroethene	< 0.47	0.47	1.5		ug/L		3/29/00	SW846 8260B
1,1-Dichloropropene	< 0.59	0.59	1.9		ug/L		3/29/00	SW846 8260B
1,2,3-Trichlorobenzene	< 0.57	0.57	1.8		ug/L		3/29/00	SW846 8260B
1,2,3-Trichloropropane	< 0.71	0.71	2.3		ug/L		3/29/00	SW846 8260B
1,2,4-Trichlorobenzene	< 0.36	0.36	1.1		ug/L		3/29/00	SW846 8260B
1,2,4-Trimethylbenzene	< 0.47	0.47	1.5		ug/L		3/29/00	SW846 8260B
1,2-Dibromo-3-chloropropane	< 1.2	1.2	3.8		ug/L		3/29/00	SW846 8260B
1,2-Dibromoethane	< 0.49	0.49	1.6		ug/L		3/29/00	SW846 8260B
1,2-Dichlorobenzene	< 0.36	0.36	1.1		ug/L		3/29/00	SW846 8260B
1,2-Dichloroethane	< 0.54	0.54	1.7		ug/L		3/29/00	SW846 8260B
1,2-Dichloropropane	< 0.34	0.34	1.1		ug/L		3/29/00	SW846 8260B
1,3,5-Trimethylbenzene	< 0.45	0.45	1.4		ug/L		3/29/00	SW846 8260B
1,3-Dichlorobenzene	< 0.64	0.64	2.0		ug/L		3/29/00	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3		ug/L		3/29/00	SW846 8260B
1,4-Dichlorobenzene	< 0.43	0.43	1.4		ug/L		3/29/00	SW846 8260B
2,2-Dichloropropane	< 0.41	0.41	1.3		ug/L		3/29/00	SW846 8260B
2-Chlorotoluene	< 0.65	0.65	2.1		ug/L		3/29/00	SW846 8260B
4-Chlorotoluene	< 0.56	0.56	1.8		ug/L		3/29/00	SW846 8260B
Benzene	< 0.44	0.44	1.4		ug/L		3/29/00	SW846 8260B
Bromobenzene	< 0.46	0.46	1.5		ug/L		3/29/00	SW846 8260B
Bromochloromethane	< 0.21	0.21	0.67		ug/L		3/29/00	SW846 8260B
Bromodichloromethane	< 0.41	0.41	1.3		ug/L		3/29/00	SW846 8260B
Bromoform	< 0.58	0.58	1.8		ug/L		3/29/00	SW846 8260B
Bromomethane	< 0.94	0.94	3.0		ug/L		3/29/00	SW846 8260B
Carbon tetrachloride	< 0.90	0.90	2.9		ug/L		3/29/00	SW846 8260B
Chlorobenzene	< 0.43	0.43	1.4		ug/L		3/29/00	SW846 8260B
Chlorodibromomethane	< 0.43	0.43	1.4		ug/L		3/29/00	SW846 8260B
Chloroethane	< 0.63	0.63	2.0		ug/L		3/29/00	SW846 8260B
Chloroform	< 0.41	0.41	1.3		ug/L		3/29/00	SW846 8260B
Chloromethane	< 0.44	0.44	1.4		ug/L		3/29/00	SW846 8260B
cis-1,2-Dichloroethene	< 0.46	0.46	1.5		ug/L		3/29/00	SW846 8260B
cis-1,3-Dichloropropene	< 0.54	0.54	1.7		ug/L		3/29/00	SW846 8260B

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

EN CHEM INC.

- Analytical Report -

Project Name : SUPERIOR LINEN
Project Number : WI000711.0002
Field ID : MW-3
Lab Sample Number : 900992-003
Lab Project Number : 900992

Submitter : ARCADIS GERAGHTY & MILLER
Report Date : 4/5/00
Collection Date : 3/21/00
Matrix Type : GROUNDWATER
WI DNR LAB ID : 113172950

Dibromomethane	< 0.60	0.60	1.9	ug/L	3/29/00	SW846 8260B
Dichlorodifluoromethane	< 0.61	0.61	1.9	ug/l.	3/29/00	SW846 8260B
Diisopropyl ether	< 0.42	0.42	1.3	ug/L	3/29/00	SW846 8260B
Ethylbenzene	< 0.50	0.50	1.6	ug/L	3/29/00	SW846 8260B
Fluorotrichloromethane	< 0.47	0.47	1.5	ug/L	3/29/00	SW846 8260B
Hexachlorobutadiene	< 0.49	0.49	1.6	ug/L	3/29/00	SW846 8260B
Isopropylbenzene	< 0.39	0.39	1.2	ug/L	3/29/00	SW846 8260B
Methyl-tert-butyl-ether	< 0.44	0.44	1.4	ug/L	3/29/00	SW846 8260B
Methylene chloride	< 0.38	0.38	1.2	ug/L	3/29/00	SW846 8260B
n-Butylbenzene	< 0.39	0.39	1.2	ug/L	3/29/00	SW846 8260B
n-Propylbenzene	< 0.54	0.54	1.7	ug/L	3/29/00	SW846 8260B
Naphthalene	< 0.59	0.59	1.9	ug/L	3/29/00	SW846 8260B
p-Isopropyltoluene	< 0.51	0.51	1.6	ug/L	3/29/00	SW846 8260B
s-Butylbenzene	< 0.58	0.58	1.8	ug/L	3/29/00	SW846 8260B
Styrene	< 0.37	0.37	1.2	ug/L	3/29/00	SW846 8260B
t-Butylbenzene	< 0.50	0.50	1.6	ug/L	3/29/00	SW846 8260B
Tetrachloroethene	3.2	0.41	1.3	ug/L	3/29/00	SW846 8260B
Toluene	< 0.40	0.40	1.3	ug/L	3/29/00	SW846 8260B
trans-1,2-Dichloroethene	< 0.64	0.64	2.0	ug/L	3/29/00	SW846 8260B
trans-1,3-Dichloropropene	< 0.26	0.26	0.83	ug/L	3/29/00	SW846 8260B
Trichloroethene	< 0.49	0.49	1.6	ug/L	3/29/00	SW846 8260B
Vinyl chloride	< 0.17	0.17	0.54	ug/L	3/29/00	SW846 8260B
Xylene, -o	< 0.54	0.54	1.7	ug/L	3/29/00	SW846 8260B
Xylenes, -m, -p	< 0.77	0.77	2.5	ug/L	3/29/00	SW846 8260B
4-Bromofluorobenzene	86			%Recov	3/29/00	SW846 8260B
Dibromofluoromethane	95			%Recov	3/29/00	SW846 8260B
Toluene-d8	102			%Recov	3/29/00	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.
Units of %Recov(ery) denote surrogate spike recovery. All recoveries pass in-house control limits unless otherwise noted.

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name :	SUPERIOR LINEN	**Submitter :**	ARCADIS GERAGHTY & MILLER
Project Number :	WI000711.0002	**Report Date :**	4/5/00
Field ID :	TRIP BLANK	**Collection Date :**	3/22/00
Lab Sample Number :	900992-004	**Matrix Type :**	BLANK
Lab Project Number :	900992	**WI DNR LAB ID :**	113172950

Volatile Organic Results

8260 VOLATILE LIST-Modified **Prep Method: SW846 5030B**

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1,2-Tetrachloroethane	< 0.49	0.49	1.6		ug/L		3/29/00	SW846 8260B
1,1,1-Trichloroethane	< 0.53	0.53	1.7		ug/L		3/29/00	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.68	0.68	2.2		ug/L		3/29/00	SW846 8260B
1,1,2-Trichloroethane	< 0.47	0.47	1.5		ug/L		3/29/00	SW846 8260B
1,1-Dichloroethane	< 0.61	0.61	1.9		ug/L		3/29/00	SW846 8260B
1,1-Dichloroethene	< 0.47	0.47	1.5		ug/L		3/29/00	SW846 8260B
1,1-Dichloropropene	< 0.59	0.59	1.9		ug/L		3/29/00	SW846 8260B
1,2,3-Trichlorobenzene	< 0.57	0.57	1.8		ug/L		3/29/00	SW846 8260B
1,2,3-Trichloropropane	< 0.71	0.71	2.3		ug/L		3/29/00	SW846 8260B
1,2,4-Trichlorobenzene	< 0.36	0.36	1.1		ug/L		3/29/00	SW846 8260B
1,2,4-Trimethylbenzene	< 0.47	0.47	1.5		ug/L		3/29/00	SW846 8260B
1,2-Dibromo-3-chloropropane	< 1.2	1.2	3.8		ug/L		3/29/00	SW846 8260B
1,2-Dibromoethane	< 0.49	0.49	1.6		ug/L		3/29/00	SW846 8260B
1,2-Dichlorobenzene	< 0.36	0.36	1.1		ug/L		3/29/00	SW846 8260B
1,2-Dichloroethane	< 0.54	0.54	1.7		ug/L		3/29/00	SW846 8260B
1,2-Dichloropropane	< 0.34	0.34	1.1		ug/L		3/29/00	SW846 8260B
1,3,5-Trimethylbenzene	< 0.45	0.45	1.4		ug/L		3/29/00	SW846 8260B
1,3-Dichlorobenzene	< 0.64	0.64	2.0		ug/L		3/29/00	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3		ug/L		3/29/00	SW846 8260B
1,4-Dichlorobenzene	< 0.43	0.43	1.4		ug/L		3/29/00	SW846 8260B
2,2-Dichloropropane	< 0.41	0.41	1.3		ug/L		3/29/00	SW846 8260B
2-Chlorotoluene	< 0.65	0.65	2.1		ug/L		3/29/00	SW846 8260B
4-Chlorotoluene	< 0.56	0.56	1.8		ug/L		3/29/00	SW846 8260B
Benzene	< 0.44	0.44	1.4		ug/L		3/29/00	SW846 8260B
Bromobenzene	< 0.46	0.46	1.5		ug/L		3/29/00	SW846 8260B
Bromochloromethane	< 0.21	0.21	0.67		ug/L		3/29/00	SW846 8260B
Bromodichloromethane	< 0.41	0.41	1.3		ug/L		3/29/00	SW846 8260B
Bromoform	< 0.58	0.58	1.8		ug/L		3/29/00	SW846 8260B
Bromomethane	< 0.94	0.94	3.0		ug/L		3/29/00	SW846 8260B
Carbon tetrachloride	< 0.90	0.90	2.9		ug/L		3/29/00	SW846 8260B
Chlorobenzene	< 0.43	0.43	1.4		ug/L		3/29/00	SW846 8260B
Chlorodibromomethane	< 0.43	0.43	1.4		ug/L		3/29/00	SW846 8260B
Chloroethane	< 0.63	0.63	2.0		ug/L		3/29/00	SW846 8260B
Chloroform	< 0.41	0.41	1.3		ug/L		3/29/00	SW846 8260B
Chloromethane	< 0.44	0.44	1.4		ug/L		3/29/00	SW846 8260B
cis-1,2-Dichloroethene	< 0.46	0.46	1.5		ug/L		3/29/00	SW846 8260B
cis-1,3-Dichloropropene	< 0.54	0.54	1.7		ug/L		3/29/00	SW846 8260B

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
1-888-5-ENCHEM

Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
1-800-7-ENCHEM

- Analytical Report -

Project Name : SUPERIOR LINEN
Project Number : WI000711.0002
Field ID : TRIP BLANK
Lab Sample Number : 900992-004
Lab Project Number : 900992

Submitter : ARCADIS GERAGHTY & MILLER
Report Date : 4/5/00
Collection Date : 3/22/00
Matrix Type : BLANK
WI DNR LAB ID : 113172950

Dibromomethane	< 0.60	0.60	1.9	ug/L		3/29/00	SW846 8260B
Dichlorodifluoromethane	< 0.61	0.61	1.9	ug/L		3/29/00	SW846 8260B
Diisopropyl ether	< 0.42	0.42	1.3	ug/L		3/29/00	SW846 8260B
Ethylbenzene	< 0.50	0.50	1.6	ug/L		3/29/00	SW846 8260B
Fluorotrichloromethane	< 0.47	0.47	1.5	ug/L		3/29/00	SW846 8260B
Hexachlorobutadiene	< 0.49	0.49	1.6	ug/L		3/29/00	SW846 8260B
Isopropylbenzene	< 0.39	0.39	1.2	ug/L		3/29/00	SW846 8260B
Methyl-tert-butyl-ether	< 0.44	0.44	1.4	ug/L		3/29/00	SW846 8260B
Methylene chloride	0.55	0.38	1.2	ug/L	Q	3/29/00	SW846 8260B
n-Butylbenzene	< 0.39	0.39	1.2	ug/L		3/29/00	SW846 8260B
n-Propylbenzene	< 0.54	0.54	1.7	ug/L		3/29/00	SW846 8260B
Naphthalene	< 0.59	0.59	1.9	ug/L		3/29/00	SW846 8260B
p-Isopropyltoluene	< 0.51	0.51	1.6	ug/L		3/29/00	SW846 8260B
s-Butylbenzene	< 0.58	0.58	1.8	ug/L		3/29/00	SW846 8260B
Styrene	< 0.37	0.37	1.2	ug/L		3/29/00	SW846 8260B
t-Butylbenzene	< 0.50	0.50	1.6	ug/L		3/29/00	SW846 8260B
Tetrachloroethene	< 0.41	0.41	1.3	ug/L		3/29/00	SW846 8260B
Toluene	< 0.40	0.40	1.3	ug/L		3/29/00	SW846 8260B
trans-1,2-Dichloroethene	< 0.64	0.64	2.0	ug/L		3/29/00	SW846 8260B
trans-1,3-Dichloropropene	< 0.26	0.26	0.83	ug/L		3/29/00	SW846 8260B
Trichloroethene	< 0.49	0.49	1.6	ug/L		3/29/00	SW846 8260B
Vinyl chloride	< 0.17	0.17	0.54	ug/L		3/29/00	SW846 8260B
Xylene, -o	< 0.54	0.54	1.7	ug/L		3/29/00	SW846 8260B
Xylenes, -m, -p	< 0.77	0.77	2.5	ug/L		3/29/00	SW846 8260B
4-Bromofluorobenzene	87			%Recov		3/29/00	SW846 8260B
Dibromofluoromethane	93			%Recov		3/29/00	SW846 8260B
Toluene-d8	103			%Recov		3/29/00	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.
Units of %Recov(ery) denote surrogate spike recovery. All recoveries pass in-house control limits unless otherwise noted.

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: EN CHEM Contract: GERAGHTY

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900992

	CLIENT SAMPLE NO.	SMC1 #	SMC2 (TOL) #	SMC3 #	OTHER	TOT OUT
01	VBLK01	92	101	88		0
02	VBLK01LCS	91	102	90		0
03	VBLK01LCSD	92	101	89		0
04	TRIP BLANK	93	103	87		0
05	MW-1	94	101	88		0
06	MW-2	95	101	88		0
07	MW-3	95	102	86		0
08	VBLK02	93	101	89		0
09	VBLK02LCS	93	100	89		0
10	VBLK02LCSD	94	100	88		0
11	MW-3MS	90	102	97		0
12	MW-3MSD	89	101	96		0
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						

		QC LIMITS
SMC1	= DIBROMOFLUOROMETHANE	(77-130)
SMC2 (TOL)	= TOLUENE-D8	(76-133)
SMC3	= 4-BROMOFLUOROBENZENE	(77-133)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM Contract: GERAGHTY

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900992

Matrix Spike - Sample No.: MW-3

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
M- P-XYLENE	100	0.0	120	120	78-135
CIS-1 2-DICHLOROETHENE	50	0.0	46	92	71-140
O-XYLENE	50	0.0	54	108	77-135
TRANS-1 2-DICHLOROETHEN	50	0.0	57	114	70-133
DICHLORODIFLUOROMETHANE	50	0.0	51	102	7-256
CHLOROMETHANE	50	0.0	48	96	17-231
VINYL CHLORIDE	50	0.0	54	108	55-176
BROMOMETHANE	50	0.0	58	116	8-212
CHLOROETHANE	50	0.0	54	108	62-155
TRICHLOROFLUOROMETHANE	50	0.0	63	126	44-172
1 1-DICHLOROETHENE	50	0.0	61	122	67-146
METHYLENE CHLORIDE	50	0.0	50	100	65-139
METHYL T-BUTYL ETHER	50	0.0	44	88	55-138
1 1-DICHLOROETHANE	50	0.0	51	102	76-136
DIISOPROPYL ETHER	50	0.0	41	82	70-139
2 2-DICHLOROPROPANE	50	0.0	48	96	49-150
BROMOCHLOROMETHANE	50	0.0	52	104	76-130
CHLOROFORM	50	0.0	49	98	75-138
1 1 1-TRICHLOROETHANE	50	0.0	49	98	73-144
CARBON TETRACHLORIDE	50	0.0	55	110	81-141
1 1-DICHLOROPROPENE	50	0.0	48	96	83-133
BENZENE	50	0.0	48	96	74-138
1 2-DICHLOROETHANE	50	0.0	45	90	69-136
TRICHLOROETHENE	50	0.0	55	110	84-124
1 2-DICHLOROPROPANE	50	0.0	53	106	77-129
DIBROMOMETHANE	50	0.0	55	110	75-128
BROMODICHLOROMETHANE	50	0.0	53	106	76-131
CIS-1 3-DICHLOROPROPENE	50	0.0	49	98	73-126

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM Contract: GERAGHTY

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900992

Matrix Spike - Sample No.: MW-3

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
TOLUENE	50	0.0	57	114	76-133
TRANS-1 3-DICHLOROPROPE	50	0.0	50	100	64-134
TETRACHLOROETHENE	50	3.2	72	138	70-144
1 1 2-TRICHLOROETHANE	50	0.0	52	104	72-130
1 3-DICHLOROPROPANE	50	0.0	52	104	72-131
DIBROMOCHLOROMETHANE	50	0.0	59	118	71-136
1 2-DIBROMOETHANE	50	0.0	53	106	71-133
CHLOROBENZENE	50	0.0	56	112	75-130
ETHYL BENZENE	50	0.0	56	112	76-136
1 1 1 2-TETRACHLOROETHA	50	0.0	58	116	71-136
STYRENE	50	0.0	54	108	82-118
BROMOFORM	50	0.0	59	118	71-127
ISOPROPYLBENZENE	50	0.0	57	114	77-141
BROMOBENZENE	50	0.0	55	110	73-131
N-PROPYLBENZENE	50	0.0	51	102	71-141
1 1 2 2-TETRACHLOROETHA	50	0.0	46	92	38-133
1 2 3-TRICHLOROPROPANE	50	0.0	45	90	67-136
2-CHLOROTOLUENE	50	0.0	49	98	73-134
1 3 5-TRIMETHYLBENZENE	50	0.0	52	104	69-142
4-CHLOROTOLUENE	50	0.0	49	98	68-135
TERT-BUTYLBENZENE	50	0.0	54	108	67-148
1 2 4-TRIMETHYLBENZENE	50	0.0	51	102	69-141
SEC-BUTYLBENZENE	50	0.0	53	106	65-154
1 3-DICHLOROBENZENE	50	0.0	54	108	69-133
P-ISOPROPYLTOLUENE (CYM	50	0.0	55	110	64-148
1 4-DICHLOROBENZENE	50	0.0	54	108	61-137
N-BUTYLBENZENE	50	0.0	52	104	64-147
1 2-DICHLOROBENZENE	50	0.0	53	106	71-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM Contract: GERAGHTY

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900992

Matrix Spike - Sample No.: MW-3

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
1 2-DIBROMO-3-CHLOROPRO	50	0.0	40	80	55-142
1 2 4-TRICHLOROBENZENE	50	0.0	55	110	64-135
HEXACHLOROBUTADIENE	50	0.0	68	136	44-163
NAPHTHALENE	50	0.0	45	90	58-138
1 2 3-TRICHLOROBENZENE	50	0.0	54	108	60-136

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM Contract: GERAGHTY

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900992

Matrix Spike - Sample No.: MW-3

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
M- P-XYLENE	100	110	110	9	30	78-135
CIS-1 2-DICHLOROETHENE	50	46	92	0	30	71-140
O-XYLENE	50	54	108	0	30	77-135
TRANS-1 2-DICHLOROETHEN	50	56	112	2	30	70-133
DICHLORODIFLUOROMETHANE	50	50	100	2	30	7-256
CHLOROMETHANE	50	47	94	2	30	17-231
VINYL CHLORIDE	50	52	104	4	30	55-176
BROMOMETHANE	50	59	118	2	30	8-212
CHLOROETHANE	50	52	104	4	30	62-155
TRICHLOROFLUOROMETHANE	50	61	122	3	30	44-172
1 1-DICHLOROETHENE	50	60	120	2	30	67-146
METHYLENE CHLORIDE	50	49	98	2	30	65-139
METHYL T-BUTYL ETHER	50	42	84	5	30	55-138
1 1-DICHLOROETHANE	50	50	100	2	30	76-136
DIISOPROPYL ETHER	50	40	80	2	30	70-139
2 2-DICHLOROPROPANE	50	47	94	2	30	49-150
BROMOCHLOROMETHANE	50	50	100	4	30	76-130
CHLOROFORM	50	48	96	2	30	75-138
1 1 1-TRICHLOROETHANE	50	48	96	2	30	73-144
CARBON TETRACHLORIDE	50	54	108	2	30	81-141
1 1-DICHLOROPROPENE	50	47	94	2	30	83-133
BENZENE	50	47	94	2	30	74-138
1 2-DICHLOROETHANE	50	44	88	2	30	69-136
TRICHLOROETHENE	50	55	110	0	30	84-124
1 2-DICHLOROPROPANE	50	53	106	0	30	77-129
DIBROMOMETHANE	50	54	108	2	30	75-128
BROMODICHLOROMETHANE	50	52	104	2	30	76-131
CIS-1 3-DICHLOROPROPENE	50	48	96	2	30	73-126

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

_____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM Contract: GERAGHTY

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900992

Matrix Spike - Sample No.: MW-3

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
TOLUENE	50	56	112	2	30	76-133
TRANS-1 3-DICHLOROPROPE	50	50	100	0	30	64-134
TETRACHLOROETHENE	50	71	136	1	30	70-144
1 1 2-TRICHLOROETHANE	50	51	102	2	30	72-130
1 3-DICHLOROPROPANE	50	51	102	2	30	72-131
DIBROMOCHLOROMETHANE	50	57	114	3	30	71-136
1 2-DIBROMOETHANE	50	51	102	4	30	71-133
CHLOROBENZENE	50	54	108	4	30	75-130
ETHYL BENZENE	50	55	110	2	30	76-136
1 1 1 2-TETRACHLOROETHA	50	58	116	0	30	71-136
STYRENE	50	52	104	4	30	82-118
BROMOFORM	50	57	114	3	30	71-127
ISOPROPYLBENZENE	50	56	112	2	30	77-141
BROMOBENZENE	50	54	108	2	30	73-131
N-PROPYLBENZENE	50	51	102	0	30	71-141
1 1 2 2-TETRACHLOROETHA	50	44	88	4	30	38-133
1 2 3-TRICHLOROPROPANE	50	44	88	2	30	67-136
2-CHLOROTOLUENE	50	48	96	2	30	73-134
1 3 5-TRIMETHYLBENZENE	50	51	102	2	30	69-142
4-CHLOROTOLUENE	50	48	96	2	30	68-135
TERT-BUTYLBENZENE	50	53	106	2	30	67-148
1 2 4-TRIMETHYLBENZENE	50	50	100	2	30	69-141
SEC-BUTYLBENZENE	50	52	104	2	30	65-154
1 3-DICHLOROBENZENE	50	52	104	4	30	69-133
P-ISOPROPYLTOLUENE (CYM	50	54	108	2	30	64-148
1 4-DICHLOROBENZENE	50	52	104	4	30	61-137
N-BUTYLBENZENE	50	52	104	0	30	64-147
1 2-DICHLOROBENZENE	50	52	104	2	30	71-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

_____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM Contract: GERAGHTY

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900992

Matrix Spike - Sample No.: MW-3

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1 2-DIBROMO-3-CHLOROPRO	50	38	76	5	30	55-142
1 2 4-TRICHLOROBENZENE	50	56	112	2	30	64-135
HEXACHLOROBUTADIENE	50	68	136	0	30	44-163
NAPHTHALENE	50	45	90	0	30	58-138
1 2 3-TRICHLOROBENZENE	50	53	106	2	30	60-136

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 61 outside limits
Spike Recovery: 0 out of 122 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: EN CHEM Contract: GERAGHTY

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900992

Matrix Spike - Sample No.: VBLK01

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1 1-DICHLOROETHENE	50	0.0	45	90	64-134
BENZENE	50	0.0	43	86	76-131
TRICHLOROETHENE	50	0.0	45	90	75-120
TOLUENE	50	0.0	49	98	91-119
CHLOROBENZENE	50	0.0	50	100	88-117

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1 1-DICHLOROETHENE	50	44	88	2	9	64-134
BENZENE	50	43	86	0	7	76-131
TRICHLOROETHENE	50	44	88	2	8	75-120
TOLUENE	50	48	96	2	10	91-119
CHLOROBENZENE	50	49	98	2	6	88-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: EN CHEM Contract: GERAGHTY

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900992

Matrix Spike - Sample No.: VBLK02

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1 1-DICHLOROETHENE	50	0.0	46	92	64-134
BENZENE	50	0.0	44	88	76-131
TRICHLOROETHENE	50	0.0	47	94	75-120
TOLUENE	50	0.0	50	100	91-119
CHLOROBENZENE	50	0.0	51	102	88-117

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1 1-DICHLOROETHENE	50	45	90	2	9	64-134
BENZENE	50	43	86	2	7	76-131
TRICHLOROETHENE	50	45	90	4	8	75-120
TOLUENE	50	49	98	2	10	91-119
CHLOROBENZENE	50	49	98	4	6	88-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLK01

Lab Name: EN CHEM Contract: GERAGHTY

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900992

Lab File ID: D9167 Lab Sample ID: VBLK01

Date Analyzed: 03/29/00 Time Analyzed: 1037

GC Column: RTX-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: VMS4D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VBLK01LCS	VBLK01LCS	D9168	1105
02	VBLK01LCSD	VBLK01LCSD	D9169	1133
03	TRIP BLANK	900992-004	D9173	1349
04	MW-1	900992-001	D9183	1921
05	MW-2	900992-002	D9184	1950
06	MW-3	900992-003	D9185	2018
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLK02

Lab Name: EN CHEM Contract: GERAGHTY

Lab Code: EN CHEM Case No.: SAS No.: SDG No.: 900992

Lab File ID: D9190 Lab Sample ID: VBLK02

Date Analyzed: 03/30/00 Time Analyzed: 1023

GC Column: RTX-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: VMS4D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VBLK02LCS	VBLK02LCS	D9191	1051
02	VBLK02LCSD	VBLK02LCSD	D9192	1117
03	MW-3MS	900992-003MS	D9202	1554
04	MW-3MSD	900992-003MSD	D9203	1621
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS: