State of Wisconsin
Department of Natural Resources

Wendy Weihemuller 275-3338

Fax Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (07-03) Page 1 of 2

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

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

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

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

TO DNR, ATTN: **R & R Program Assistant** | (Area Code) FAX Number

1. Discharge reported by:

Name	Firm	Date FAXed to DNR
James S Schumacher	J.P. Cullen & Sons Inc	8-8-06

Mailing Address	(Area Code) Phone Number
7500 Cross Country Road Verona WI 53593	608-848-0200

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence / vacant property
BACKFILL MATERIAL DELIVERED TO EPIC FROM University Square

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60 MATERIAL FROM University Square
MATERIAL PLACED EPIC Cross Country Road Verona MADISON

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

County: | Legal Description: _____1/4, _____1/4, Section _____, Tn_____, Range _____E / W (circle one)

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

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

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

Contact Person Name (if different)	Phone Number
James S Schumacher	608-848-0200

Mailing Address	City	State	ZIP Code
7500 Cross Country Road	Verona	WI	53593

STOP KEEP SEGRAGATED

1 of 3

(continued)

State of Wisconsin
Department of Natural Resources

Fax Notification For Hazardous Substance Discharge (Non-Emergency Only)

4. Hazardous Substance Impact Information

Identify hazardous substance discharged (check all that apply):

METALS
- ☐ Arsenic
- ☐ Chromium
- ☐ Lead
- ☐ Mercury
- ☐ Metals (specify): _____

SOLVENTS
- ☐ Solvent-Chlorinated
- ☐ Solvent-Non Chlorinated
- ☒ PERC ✓
- ☐ VOC's

INDUSTRIAL CHEMICALS
- ☐ Ammonia
- ☐ Cyanide
- ☐ Paint
- ☐ PCB's
- ☐ VOC's

- ☐ Fertilizers
- ☐ Pesticide/Herbicide/Insecticide(s)
- ☐ Leachate
- ☐ RCRA Hazardous Waste

PETROLEUM
- ☐ Diesel/Fuel Oil
- ☐ Engine Oil/Waste Oil
- ☐ Mineral/Transmission/Hydraulic Oil
- ☐ Gasoline (Pb/Non-Pb/Unknown)
- ☐ Jet Fuel/Kerosene
- ☐ MTBE
- ☐ VOC's
- ☐ PAH's/SVOC
- ☐ Petroleum-Unknown Type

- ☐ Unknown
- ☐ Other (specify):_____

Impacts to the environment (enter "K" for known/confirmed or "P" for potential for all that apply)

___ Air Contamination
___ Co-contamination
___ Concrete/Asphalt
___ Contained/Recovered
___ Contamination Within 1 Meter of Bedrock
___ Contaminated Private Well
___ Contaminated Public Well
___ Contamination in Fractured Bedrock
___ Contamination in Right of Way
___ Direct Contact
___ Expanding Plume
___ Fire Explosion Threat
___ Free Product
___ Groundwater Contamination
___ Off-Site Contamination
___ Other
___ Sanitary Sewer Contamination
___ Soil Contamination
___ Storm Sewer Contamination
___ Surface Water Contamination
___ Within 100 ft of Private Well
___ Within 1000 ft of Public Well

Contamination was discovered as a result of:

☐ Tank closure assessment Date
☐ Site assessment Date
Other – Describe: VISUAL screening test Date 8/2/06

Lab results:

☐ Lab results will be faxed upon receipt
☒ Lab results are attached

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

EPIC ACCEPTED FILL MATERIAL BEING EXCAVATED FROM University SQUARE PROJECT MADISON

FAX numbers to report non-emergency releases in DNR's five regions are as follows:

Northeast Region (920-662-5197); Attention - RR Program Assistant:
Brown, Calumet, Door, Fond du Lac ***(except City of Waupun - see South Central Region)***, Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago counties

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

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

Southeast Region (414-263-8483); Attention - RR Program Assistant:
Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Walworth, Washington, Waukesha counties

West Central Region (715-839-6076); Attention – RR Program Assistant:
Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties

J.P. Cullen & Sons, Inc.
General Contractor Since 1892
Epic Systems Campus 2

FACSIMILE TRANSMITTAL

DATE: 8/8/06 FAX NUMBER: 275-3338

COMPANY: J.P. Cullen & Sons

TO: ~~Jim Sutomachen~~ FROM: Jim Sutomachen

Wendy Weihemuller

NUMBER OF PAGES INCLUDING COVER SHEET: 9

SUBJECT: Notification of Discharge

NOTES:

CONFIDENTIAL & PRIVILEGED

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7500 Cross Country Road
Verona, WI 53593
Phone 608.848.0200
Fax 608.848.0207
www.jpcullen.com

Environmental Management Consulting, Inc.

August 11, 2006

J.P. Cullen & Sons, Inc.
ATTN: Jim Schumacher
Epic Systems Campus 2
7500 Cross Country Road
Verona, WI 53593

Re: Soil Sample Results – Epic Systems Campus – EMC Project #: 060215-06

Mr. Schumacher:

On July 28, 2006, Environmental Management Consulting, Inc. (EMC) was contracted by J.P. Cullen & Sons, Inc. (Cullen) and performed soil sampling at the Epic Systems Campus (Epic) site in Verona, Wisconsin. EMC collect a total of six (6) soil samples, two (2) of which were submitted for analysis to Wisconsin Department of Natural Resources (DNR) certified laboratory, Pace Analytical (Pace).

Results from the laboratory analysis indicated Diesel Range Organic (DRO) at 8.7 ppm in one (1) of the samples as well as Tetrachloroethylene (PCE) at 110 ppb and 160 ppb in both of the samples. These results were then reported to Cullen in a letter from EMC dated August 2, 2006 along with the recommendation to verify these results and to report to the DNR once verified.

On August 9, 2006, EMC was contacted by Pace and informed that there may be a PCE contamination issue at the laboratory as PEC had been found in a number of non-related projects and therefore, the two (2) soil samples analyzed from the Epic site may not have actually had any PCE contaminants in the samples. EMC immediately informed Mr. David Schaller of Cullen of this information.

As of today, Pace is still continuing an internal QA/QC investigation and audit to determine why this error occurred, what caused the error and from where the PCE originated. As they have not yet completed these activities, they could not yet provide "official" documentation of any facts. However, Pace did send EMC the final analytical results from the two (2) soil samples along with a brief explanation of they current situation. Enclosed, you will find the final laboratory results from the soil sample analysis as well as the email explanation. EMC recommends that these items be reviewed with all parties involved (DNR, Epic, etc…) to determine a proper course of action. If the explanation from Pace regarding the EMC samples along with the other non-detected soil sample results from other consultants is sufficient evidence for the DNR and the site owner to consider this issue closed, then the project may proceed.

Please contact me with any questions that you may have.

Sincerely,

John T. Bushman
Att.: Laboratory Analytical Results and Pace E-mail

Securing Safer Futures...
W 7748 City Hwy V, Lake Mills, WI 53551 ◆ 920.648.6343 Fax: 920.648-4370 ◆ www.emc-wi.com

1 of 1

From: Eric Bullock [Eric.Bullock@pacelabs.com]
Sent: Thursday, August 10, 2006 4:16 PM
To: Linda Roedl; Jason Schneider
Subject: 874541
Jason -

Here are the electronic files for your recent project.

As we discussed - we've identified an internal problem with PCE in the lab that is probably due to some contaminated jars. I will forward a more thorough letter outlining the impacts, but at this point I would view these PCE hits as highly questionable.

We at Pace apologize for the difficulties that this has caused.

Please let me know if you need anything else.
Thank you
Eric

Eric Bullock
Project Manager
Pace Analytical Services, Inc.
Green Bay, WI
ph 920-321-9407

Please note new e-mail address:
Eric.Bullock@Pacelabs.com

2872

Pace Analytical®

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

Analytical Report Number: 874541

Client: ENVIRONMENTAL MANAGEMENT CONSULTING, INC. **Lab Contact:** Eric Bullock

Project Name: EPIC

Project Number: 060215-06

Lab Sample Number	Field ID	Matrix	Collection Date
874541-001	EPIC-2 1.8	SOIL	07/28/06
874541-002	EPIC-5 1.5	SOIL	07/28/06

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

E. [illegible] 8/9/06

Approval Signature **Date**

30812

Pace Analytical Services, Inc.

Analytical Report Number: 874541

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

Client : ENVIRONMENTAL MANAGEMENT CONSULTING, INC.
Project Name : EPIC
Project Number : 060215-06
Field ID : EPIC-2 1.8

Matrix Type : SOIL
Collection Date : 07/28/06
Report Date : 08/08/06
Lab Sample Number : 874541-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	96.2				1	%		07/31/06	SM M2540G	SM M2540G

DIESEL RANGE ORGANICS

Preservation Date: 07/29/06 Prep Date: 07/29/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Diesel Range Organics	8.6			3.1	1	mg/kg		07/31/06	WI MOD DRO	WI MOD DRO

GASOLINE RANGE ORGANICS

Prep Date: 07/31/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Gasoline Range Organics	< 2.6			2.6	50	mg/Kg		07/31/06	WI MOD GRO	WI MOD GRO

VOLATILES

Prep Date: 07/31/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B

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

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Pace Analytical Services, Inc.

Analytical Report Number: 874541

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

Client : ENVIRONMENTAL MANAGEMENT CONSULTING, INC.
Project Name : EPIC
Project Number : 060215-06
Field ID : EPIC-2 1.8

Matrix Type : SOIL
Collection Date : 07/28/06
Report Date : 08/08/06
Lab Sample Number : 874541-001

VOLATILES

Prep Date: 07/31/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
cis-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Dibromomethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	26	26	63		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	40	40	97		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Tetrachloroethene		110	26	62		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		104	64	133		50	%		07/31/06	SW846 5030B	SW846 8260B
Toluene-d8		116	67	139		50	%		07/31/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		125	64	140		50	%		07/31/06	SW846 5030B	SW846 8260B

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

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Pace Analytical Services, Inc.

Analytical Report Number: 874541

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

Client : ENVIRONMENTAL MANAGEMENT CONSULTING, INC.
Project Name : EPIC
Project Number : 060215-06
Field ID : EPIC-5 1.5

Matrix Type : SOIL
Collection Date : 07/28/06
Report Date : 08/08/06
Lab Sample Number : 874541-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.9				1	%		07/31/06	SM M2540G	SM M2540G

DIESEL RANGE ORGANICS

Preservation Date: 07/29/06 Prep Date: 07/29/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Diesel Range Organics	<	3.1			3.1	1	mg/kg	O	07/31/06	WI MOD DRO	WI MOD DRO

GASOLINE RANGE ORGANICS

Prep Date: 07/31/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Gasoline Range Organics	<	2.6			2.6	50	mg/Kg		07/31/06	WI MOD GRO	WI MOD GRO

VOLATILES

Prep Date: 07/31/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	82	82	200		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	44	44	110		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Benzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Bromobenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Bromoform	<	26	26	62		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Bromomethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Chloroethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Chloroform	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Chloromethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B

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

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Pace Analytical Services, Inc.

Analytical Report Number: 874541

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

Client : ENVIRONMENTAL MANAGEMENT CONSULTING, INC.
Project Name : EPIC
Project Number : 060215-06
Field ID : EPIC-5 1.5

Matrix Type : SOIL
Collection Date : 07/28/06
Report Date : 08/08/06
Lab Sample Number : 874541-002

VOLATILES

Prep Date: 07/31/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
cis-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Dibromomethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	26	26	63		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	40	40	97		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Tetrachloroethene		160	26	63		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		07/31/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		103	64	133		50	%		07/31/06	SW846 5030B	SW846 8260B
Toluene-d8		114	67	139		50	%		07/31/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		127	64	140		50	%		07/31/06	SW846 5030B	SW846 8260B

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

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Pace Analytical Services, Inc.

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

Lab Number	TestGroupID	Field ID	Comment
874541-001	DRO-S	EPIC-2 1.8	Late eluting hump along with diesel range peaks were present in the chromatogram.
874541-002	DRO-S	EPIC-5 1.5	Results for analysis taken from a sub sampled portion. This does not conform to required sampling techniques.
874541-002	DRO-S	EPIC-5 1.5	Late eluting hump along with diesel range peaks were present in the chromatogram.

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Qualifier Codes

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

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	874541-001	874541-002
DIESEL RANGE ORGANICS	B	B
GASOLINE RANGE ORGANICS	G	G
PERCENT SOLIDS	B	B
VOLATILES	G	G

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

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Sample Condition Upon Receipt

Pace Analytical

Client Name: EML Project # 874541

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

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

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other_____

Thermometer Used NA Type of Ice: (Wet) Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature NO E Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: U 7/29/06 JVM 7/29/06

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

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: EB 7/31/06 **Date:** _____

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

ALLC003rev.2, 10June2005

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Pace Analytical®

RUSH

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

JSM 7/29/06

Page: of 0960866

Section A Required Client Information:

Company: EMC
Address: W7748 Cty. Hwy. V, Lake Mills, WI 53551
Email To: emc@emc-wi.com
Phone: 920-648-6343 Fax: 920-648-4370
Requested Due Date/TAT: Monday 07/31/06

Section B Required Project Information:

Report To: Jason Schneider
Copy To: —
Purchase Order No.:
Project Name: EPIC
Project Number: 060215-06

Section C Invoice Information:

Attention:
Company Name: SAMC
Address:
Pace Quote Reference:
Pace Project Manager: Eric Bullock
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☒ UST ☐ RCRA ☐ Other_____

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☒WI ☐OTHER_____

Section D Required Client Information — SAMPLE ID

One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol (Preservatives)	Other	Filtered (Y/N)	DRO	GRO	VOCs-5ml	PAHs, Naphthalene	Residual Chlorine (Y/N)	Pace Project Number Lab I.D
1	EPIC-2 1.8	SL	G	—	—	7/28/06	—	—	6	2						4			X	X	X	X		001
2	EPIC-5 1.5	SL	G	—	—	7/28/06	—	—	6	2						4			X	X	X	X		002
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

Pace Project Number: 874541

Additional Comments: Hold PAHs pending results of other tests

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	07/28/06	9:00	Tod Holtenger	7/28/06	9:50
Tod Holtenger	7/28/06	10:00			
Fedex	7/29/06	9:15	L. Maurer	7/29/06	9:15

SAMPLE CONDITION: Temp in °C; Received on Ice Y/N; Custody Sealed Cooler Y/N; Samples Intact Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jason Schneider

SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY): 07/28/06

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

ALL0020rev.3 31Mar05