

# Fax Transmittal

**To:** Dianne Hansen, R & R Program Associate

**Company:** WDNR-Green Bay

**Fax no:** (920) 662-5197

**From:** Scott A. Hodgson

**Email:** sahodgson@terracon.com

**Date:** 8/25/08

**Pages:** 17  
(including this sheet):

**Subject:** Release Notification-Dry Cleaners Etc

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**Remarks:**

URGENT                       For Your File

For Your Review             For Your Action

Reply ASAP

Hard copy will follow

Hard copy will not follow

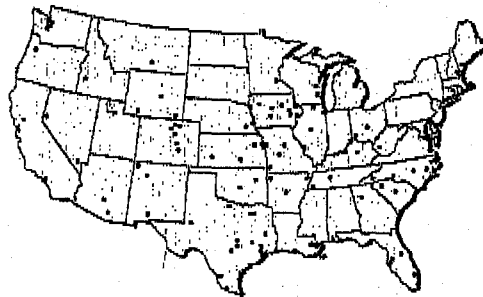
**Terracon**

3011B East Capitol Dr  
 Appleton, WI 54911  
 Phone 920-993-9096  
 Fax 920-993-9108  
[www.terracon.com](http://www.terracon.com)

*Terracon is an employee-owned consulting firm of engineers and scientists providing geotechnical, environmental, construction materials, and related services from more than 90 offices nationwide. Since our founding in 1965 we have focused on one simple mission: delivering success to clients and employees.*

Dianne,

Attached is a release notification and supporting documentation for an unusual dry cleaner case, which is explained in the cover letter. Please route this to Kristin Dufresne for review. The Potential Claim Notification form 4400-210 has been provided to Jillian Steffes in Madison. If you have any questions, please call.



The information contained in this message is confidential and intended only for the individual or entity named above. If you are not the intended recipient, any use, review, dissemination, distribution, or copying of this document is strictly prohibited. If you have received this document in error, please notify us by telephone and destroy the original message. Thank you.

# Terracon

Consulting Engineers &amp; Scientists

August 25, 2008

Wisconsin Department of Natural Resources  
2984 Shawano Avenue  
P.O. Box 10448  
Green Bay, WI 54307-0448

3011B East Capitol Drive  
Appleton, Wisconsin 54911  
Phone 920.993.9096  
Fax 920.993.9108  
www.terracon.com

Attn: Dianne Hansen, R&amp;R Program Associate

Re: Fax Release Notification  
Dry Cleaners Etc  
102 East Cook Street  
New London, Wisconsin  
Terracon Project No: 3808060E

Dear Ms. Hansen:

The attached Notification for Hazardous Substance Discharge form is being submitted on behalf of Paul Zuege, owner of the property, to report tetrachloroethene (PCE) contamination that was originally discovered in 1997 as part of a leaking underground storage tank (LUST) case. We understand that the project manager for this case will be Jason Moeller; however we understand he has limited availability to review new case information right now. Therefore, due to the circumstances outlined below we request that Kristin DuFresne review this case to verify that the documentation provided is adequate to enter the Dry Cleaning Environmental Response Program (DERP).

The property was operated as a gasoline filling station and auto repair facility from 1940 to 1966. It has been operated as a dry cleaner from 1966 to the present. The LUST case (BRRTS # 03-69-002197) was initially opened due to petroleum contamination discovered during removal of an underground waste-oil tank on November 1, 1995. The PCE (28 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ )) was documented in a soil sample ("B1-4"; also identified as "SB1-4" in the attached summary table) collected at 14 to 16 feet below grade during a push-probe investigation conducted on August 28, 1997 in the vicinity of the waste-oil tank. In addition, surficial soil removed to expose the top of the tank in 1995 during tank removal activities was stockpiled and then sampled in 1997 for disposal. The stockpile sample had 360  $\mu\text{g}/\text{kg}$  PCE and was later disposed.

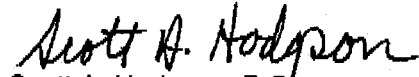
According to Mr. Rick Gauslin, the current site operator, the likely source of the PCE was a vent on the building adjacent to the waste-oil tank area whereby condensation of PCE-laden vapors and subsequent dripping of PCE contaminated condensate onto the ground likely caused the contamination. The higher concentrations of PCE from soil near the surface supports this conclusion.

Dry Cleaners Etc  
Terracon Project No. 3808060E  
August 25, 2008

**Terracon**

We respectfully request that the Wisconsin Department of Natural Resources verify that the PCE identified in the soil in 1997 is sufficient to be eligible to enter the DERP. Please call me at (920) 993-9096 if you have any questions or need additional information.

Sincerely,  
**Terracon**

  
Scott A. Hodgson, P.G.  
Senior Project Geologist

SAH/MAK:sah\N\Proposals\Environmental\Others\2008\3808060E.DryCleaners Etc.New London\FaxNotification.CoverLetter.doc

Attachments: Notification For Hazardous Substance Discharge  
Figures 1 and 2  
Soil Investigation Soil Analytical Results Table  
Laboratory Analytic Test Reports  
Dry Cleaner Environmental Response Program (DERP) Potential Claim  
Notification

Copies to: Paul Zuege  
Jillian Steffes (DERP Potential Claim Notification, only)  
File

02-69-552218

State of Wisconsin  
Department of Natural Resources  
http://dnr.wi.gov

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

Form 4400-225 (05-08) 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: telephoning the Department (toll free Spill Hotline number above), telefaxing a report to the Department, e-mailing 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.** NOTIFY 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: \_\_\_\_\_

ATTN DNR: **R & R Program Associate**

Date DNR Notified: Aug 25, 2008

#### 1. Discharge Reported By

Name Scott A. Hodgson	Firm Terracon Consultants, Inc.	(Area Code) Phone Number (920) 993-9096
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Mailing Address 3011B E. Capitol Drive, Appleton, WI 54911	E-mail Address sahodgson@terracon.com
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#### 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. Dry Cleaners Etc

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.

102 East Cook Street

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

New London, Wisconsin 54961

County: Waupaca	Legal Description: SE 1/4 SE 1/4 Sec 12 Tn 22 Range 14	<input checked="" type="radio"/> E <input type="radio"/> W	WTM: X 620410 Y 435847
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#### 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.

Paul Zuege

- 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](http://dnr.wi.gov/org/aw/rr/liability/muni_1.html).

Contact Person Name (if different) Paul Zuege	Phone Number (920) 538-1849	E-mail Address	
Mailing Address E7638 Ostrander Road	City New London	State WI	ZIP Code 54961-8034

(continued)



State of Wisconsin  
 Department of Natural Resources  
 http://dnr.wi.gov

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

Form 4400-225 (05-08) Page 2 of 2

**4. Hazardous Substance Impact Information**

Identify hazardous substance discharged (check all that apply):

**METALS**

- Arsenic
- Chromium
- Lead
- Mercury
- Metals (specify): \_\_\_\_\_

**INDUSTRIAL CHEMICALS**

- Ammonia
- Cyanide
- Paint
- PCB's
- VOC'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

**SOLVENTS**

- Solvent-Chlorinated
- Solvent-Non Chlorinated
- PERC
- VOC's

**AG CHEMICALS**

- Fertilizers
- Pesticide/Herbicide/Insecticide(s)

**OTHER**

- Unknown
- Other (specify): \_\_\_\_\_

**5. Impacts to the Environment Information**

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 (specify): \_\_\_\_\_
- 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
  - Site assessment
  - Other - Describe
- Date: \_\_\_\_\_ Date: Aug 28, 1997 Date: \_\_\_\_\_

**6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))**

For all UST's please provide the following information:

Quantity	Source	Quantity	Cause
—	Tank	—	Spill
—	Piping	—	Overfill
—	Dispenser	—	Corrosion
—	Submersible Turbine Pump	—	Physical or Mechanical Damage
—	Delivery Problem	—	Installation Problem
—	Other (specify): _____	—	Other (does not fit any of above)
			Unknown

Lab results:  Lab results will be faxed upon receipt  Lab results are attached

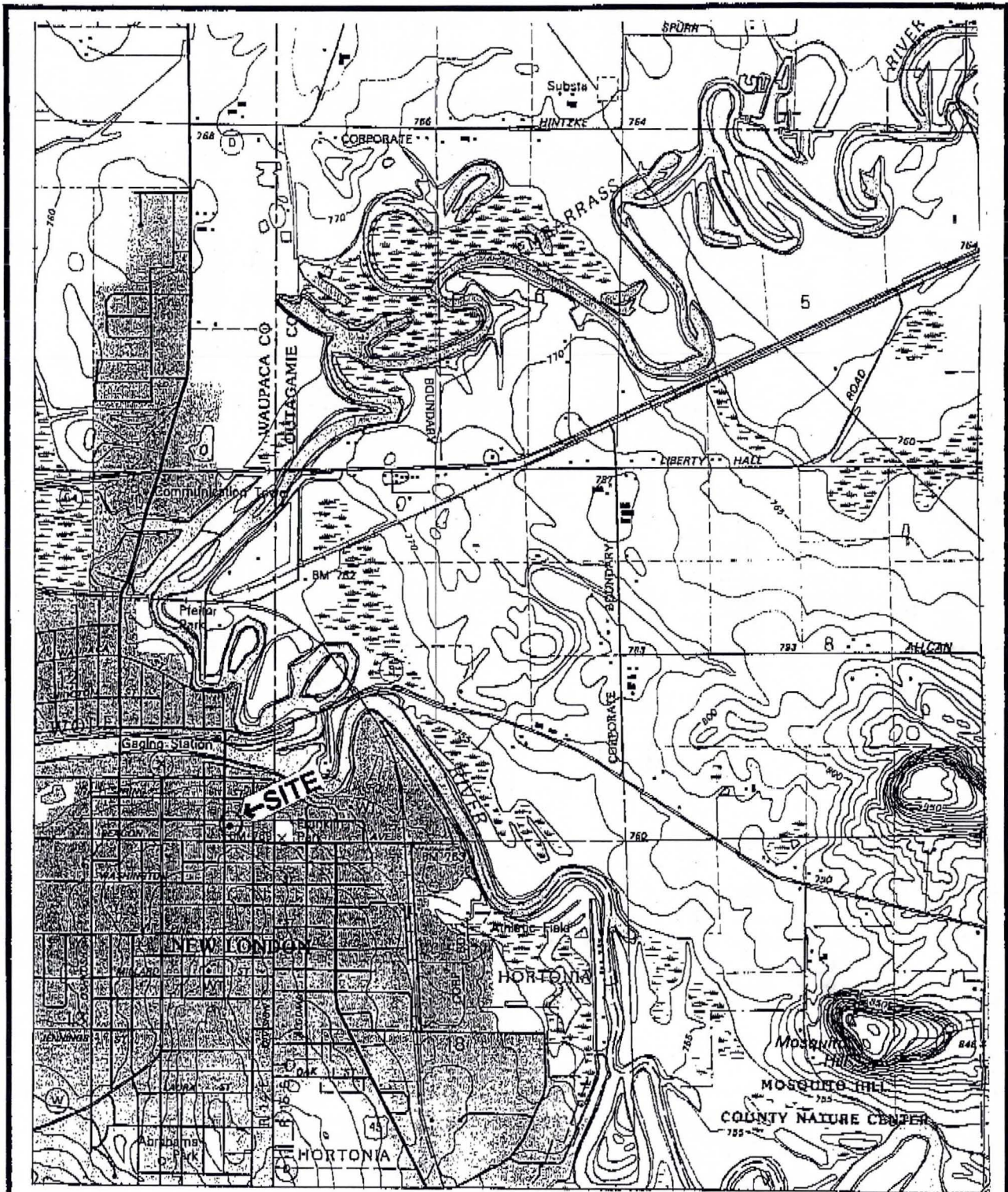
Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

Tetrachloroethene was discovered as part of LUST Investigation (BRRTS # 03-89-002197), closed by Commerce on February 26, 1999

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

- Northeast Region (FAX: 920-662-5197); Attention -- R&R Program Associate: DNRRRNER@wisconsin.gov** [Submit Form to NER](#)  
 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 (FAX: 715-623-6773); Attention -- R&R Program Associate: DNRRRNOR@wisconsin.gov** [Submit Form to NOR](#)  
 Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties
- South Central Region (FAX: 608-275-3338); Attention -- R&R Program Associate: DNRRRSCR@wisconsin.gov** [Submit Form to SCR](#)  
 Columbia, Dane, Dodge, Fond du Lac (City of Waupun only), Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk counties
- Southeast Region (FAX: 414-263-8550); Attention -- R&R Program Associate: DNRRRSER@wisconsin.gov** [Submit Form to SER](#)  
 Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Walworth, Washington, Waukesha counties
- West Central Region (FAX: 715-839-6076); Attention -- R&R Program Associate: DNRRRWCR@wisconsin.gov** [Submit Form to WCR](#)  
 Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties





NOTE: Taken from the  
 NEW LONDON, WIS.  
 7.5 Minute USGS  
 Topographic Map 1992

ZUEGE PRODUCTS, NEW LONDON, WISCONSIN	
FIGURE 1 SITE LOCATION MAP	
SCALE: 1" = 2000'	DATE: DECEMBER 1998
Environmental Compliance Consultants, Inc.	BY: CMS

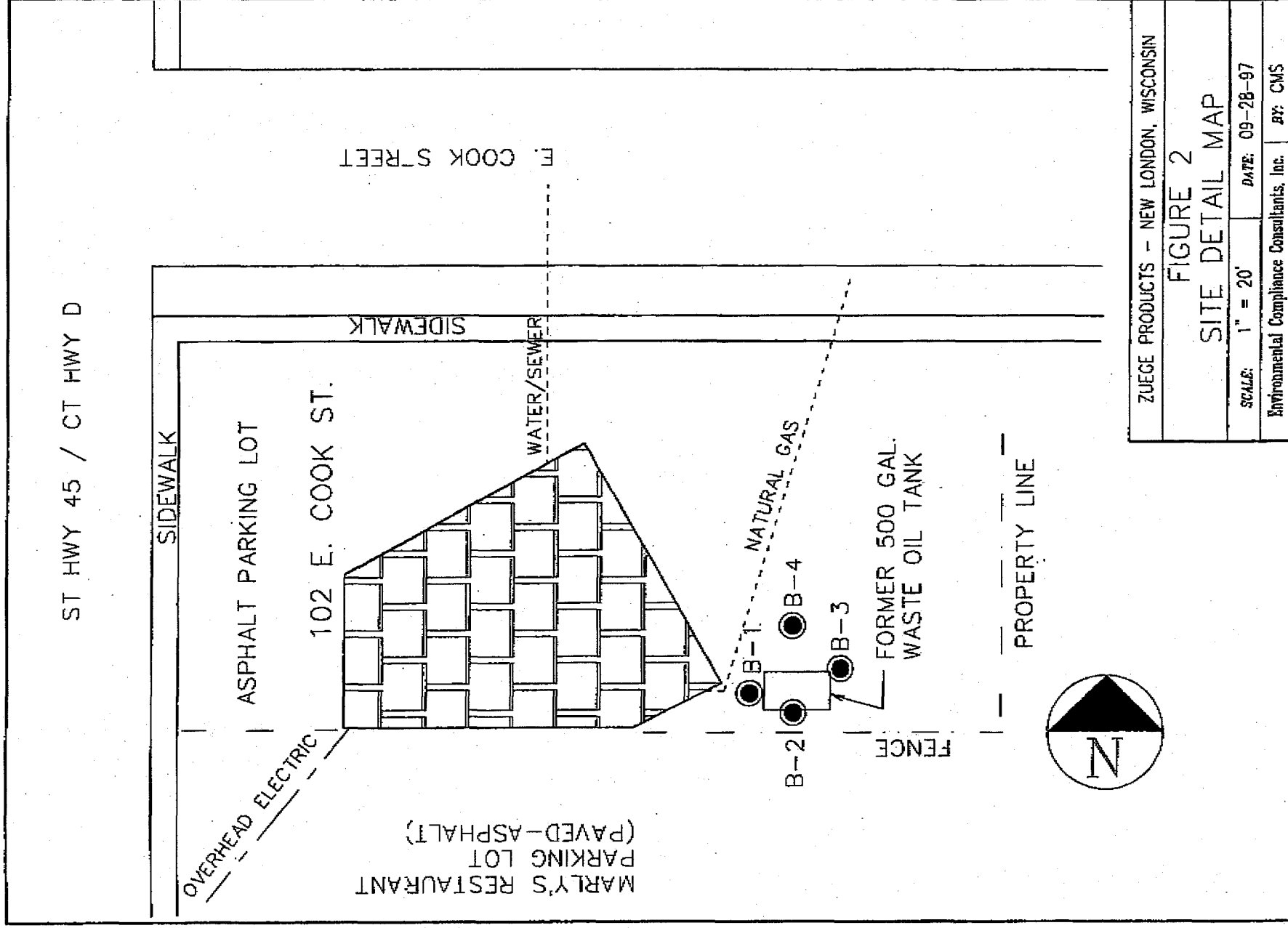




Table 2  
Site Investigation Soil Analytical Results

Sample ID and Depth →		SB1-2	SB1-4	SB2-2	SB2-4	SB3-2	SB3-4	SB4-2	SB4-4	PILE
		6 - 8	14 - 16	6 - 8	14 - 16	6 - 8	14 - 16	6 - 8	14 - 16	—
Parameter Analyzed (ug/kg)	NR720 RCL									
Lead (mg/kg)	50	16	<3.3	4.5	4.5	<3.6	<3.4	5.7	<3.2	NT
Cadmium (mg/kg)	50	<0.29	<0.26	<0.28	0.25	<0.27	<0.27	<0.28	<0.25	NT
GRO (mg/kg)	100	<2.9	<2.7	<2.9	<2.6	<2.9	<2.8	<3.0	<2.6	NT
DRO (mg/kg)	100	<4.6	<4.4	<4.3	<3.9	<4.8	<4.7	<4.9	<4.4	NT
Benzene	5.5	<25	<25	<25	<25	<25	<25	<25	<25	<25
Ethyl Benzene	2900	<25	<25	<25	<25	<25	<25	<25	<25	<25
Methyl-tert-Butyl-Ether	—	<25	<25	<25	<25	<25	<25	<25	<25	<25
Napthalene	—	<25	<25	<25	<25	<25	<25	<25	<25	<25
Toluene	1500	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	—	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	—	<25	<25	<25	<25	<25	<25	<25	<25	<25
Xylenes, m+p	4100*	<25	<25	<25	<25	<25	<25	<25	<25	<25
Xylene, o	4100*	<25	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene (PCE)	—	<25	28	<25	<25	<25	<25	<25	<25	360
Trichloroethene (TCE)	—	<25	<25	<25	<25	<25	<25	<25	<25	<25

"Underline" - Result between laboratory LOD and LOQ

\* - Total Xylenes

\*\* - Cadmium and Lead standards from NR 720, Table 2, Direct Contact, Non-industrial

NT - Not Tested





1795 Industrial Drive  
Green Bay, WI 54302  
920-469-2436  
800-7-ENCHEM  
FAX: 920-469-8827

**- Analytical Report -**

Project Name : ZUEGE PRODUCTS  
Project Number :  
Field ID : B1-4  
Lab Sample Number : 872231-002  
WI DNR LAB ID : 40513270

Client : ENVIRONMENTAL COMPLIANCE CONSULT  
Report Date : 9/4/97  
Collection Date : 8/28/97  
Matrix Type : SOIL

**Inorganic Results**

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Cadmium	< 0.26	0.26	0.83		mg/kg		9/3/97	SW846 3081	SW846 7131	MWM
Lead	< 3.3	3.3	11		mg/kg		9/2/97	SW846 3051	SW846 7421	MWM
Solids, percent	94.1				%		9/2/97	SM2540G	SM2540G	PHS

**Organic Results**

Preservation Date : 8/29/97

DIESEL RANGE ORGANICS - SOIL      Prep Method: WI MOD DRO      Prep Date: 9/2/97      Analyst: NJ5

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	< 4.4			4.4	mg/kg		9/2/97	WI MOD DRO
Blank spike	94			50	%Recov		9/2/97	WI MOD DRO
Blank spike duplicate	92			50	%Recov		9/2/97	WI MOD DRO

**Organic Results**

EPA 8260 VOLATILE LIST - SOIL/METHANOL      Prep Method: SW846 5030      Prep Date: 9/2/97      Analyst: RJN

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 25	25	60		ug/kg		9/2/97	SW846 8260
Bromobenzene	< 25	25	60		ug/kg		9/2/97	SW846 8260
Bromochloromethane	< 25	25	60		ug/kg		9/2/97	SW846 8260
Bromodichloromethane	< 25	25	60		ug/kg		9/2/97	SW846 8260
Bromoform	< 25	25	60		ug/kg		9/2/97	SW846 8260
Bromomethane	< 25	25	60		ug/kg		9/2/97	SW846 8260
s-Butylbenzene	< 25	25	60		ug/kg		9/2/97	SW846 8260
t-Butylbenzene	< 25	25	60		ug/kg		9/2/97	SW846 8260
n-Butylbenzene	< 25	25	60		ug/kg		9/2/97	SW846 8260
Carbon tetrachloride	< 25	25	60		ug/kg		9/2/97	SW846 8260
Chloroform	< 25	25	60		ug/kg		9/2/97	SW846 8260
Chlorobenzene	< 25	25	60		ug/kg		9/2/97	SW846 8260

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



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Green Bay, WI 54302  
920-469-2436  
800-7-ENCHEM  
Fax: 920-469-8827

### - Analytical Report -

**Project Name : ZUEGE PRODUCTS**

**Project Number :**

**Client : ENVIRONMENTAL COMPLIANCE CONSULT**

**Field ID : B1-4**

**Report Date : 9/4/97**

**Lab Sample Number : 872231-002**

**Collection Date : 8/28/97**

**WI DNR LAB ID : 40513270**

**Matrix Type : SOIL.**

Chlorodibromomethane	< 25	25	60	ug/kg	9/2/97	SW846 8260
Chloroethane	< 25	25	60	ug/kg	9/2/97	SW846 8260
Chloromethane	< 25	25	60	ug/kg	9/2/97	SW846 8260
2-Chlorotoluene	< 25	25	60	ug/kg	9/2/97	SW846 8260
4-Chlorotoluene	< 25	25	60	ug/kg	9/2/97	SW846 8260
1,2-Dibromo-3-chloropropane	< 25	25	60	ug/kg	9/2/97	SW846 8260
1,2-Dibromoethane	< 25	25	60	ug/kg	9/2/97	SW846 8260
Dibromomethane	< 25	25	60	ug/kg	9/2/97	SW846 8260
1,3-Dichlorobenzene	< 25	25	60	ug/kg	9/2/97	SW846 8260
1,4-Dichlorobenzene	< 25	25	60	ug/kg	9/2/97	SW846 8260
1,2-Dichloroethane	< 25	25	60	ug/kg	9/2/97	SW846 8260
1,2-Dichlorobenzene	< 25	25	60	ug/kg	9/2/97	SW846 8260
1,1-Dichloroethene	< 25	25	60	ug/kg	9/2/97	SW846 8260
cis-1,2-Dichloroethene	< 25	25	60	ug/kg	9/2/97	SW846 8260
Dichlorodifluoromethane	< 25	25	60	ug/kg	9/2/97	SW846 8260
trans-1,2-Dichloroethene	< 25	25	60	ug/kg	9/2/97	SW846 8260
1,2-Dichloropropane	< 25	25	60	ug/kg	9/2/97	SW846 8260
1,1-Dichloroethane	< 25	25	60	ug/kg	9/2/97	SW846 8260
1,3-Dichloropropane	< 25	25	60	ug/kg	9/2/97	SW846 8260
2,2-Dichloropropane	< 25	25	60	ug/kg	9/2/97	SW846 8260
1,1-Dichloropropene	< 25	25	60	ug/kg	9/2/97	SW846 8260
cis-1,3-Dichloropropene	< 25	25	60	ug/kg	9/2/97	SW846 8260
trans-1,3-Dichloropropene	< 25	25	60	ug/kg	9/2/97	SW846 8260
Diisopropyl ether	< 25	25	60	ug/kg	9/2/97	SW846 8260
Ethylbenzene	< 25	25	60	ug/kg	9/2/97	SW846 8260
Fluorotrichloromethane	< 25	25	60	ug/kg	9/2/97	SW846 8260
Hexachlorobutadiene	< 25	25	60	ug/kg	9/2/97	SW846 8260
Isopropylbenzene	< 25	25	60	ug/kg	9/2/97	SW846 8260
p-Isopropyltoluene	< 25	25	60	ug/kg	9/2/97	SW846 8260
Methylene chloride	< 25	25	60	ug/kg	9/2/97	SW846 8260
Methyl-tert-butyl-ether	< 25	25	60	ug/kg	9/2/97	SW846 8260
Naphthalene	< 25	25	60	ug/kg	9/2/97	SW846 8260
n-Propylbenzene	< 25	25	60	ug/kg	9/2/97	SW846 8260
Styrene	< 25	25	60	ug/kg	9/2/97	SW846 8260
1,1,2,2-Tetrachloroethane	< 25	25	60	ug/kg	9/2/97	SW846 8260

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FAX: 920-469-8827

### - Analytical Report -

Project Name : ZUEGE PRODUCTS

Project Number :

Client : ENVIRONMENTAL COMPLIANCE CONSULT

Field ID : B1-4

Report Date : 9/4/97

Lab Sample Number : 872231-002

Collection Date : 8/28/97

WI DNR LAB ID : 40513270

Matrix Type : SOIL

1,1,1,2-Tetrachloroethane	< 25	25	60	ug/kg		9/2/97	SW846 8260
pc6 Tetrachloroethane	28	27	65	ug/kg	Q	9/2/97	SW846 8260
Toluene	< 25	25	60	ug/kg		9/2/97	SW846 8260
1,2,3-Trichlorobenzene	< 25	25	60	ug/kg		9/2/97	SW846 8260
1,2,4-Trichlorobenzene	< 25	25	60	ug/kg		9/2/97	SW846 8260
1,1,1-Trichloroethane	< 25	25	60	ug/kg		9/2/97	SW846 8260
1,1,2-Trichloroethane	< 25	25	60	ug/kg		9/2/97	SW846 8260
1,2,4-Trimethylbenzene	< 25	25	60	ug/kg		9/2/97	SW846 8260
Trichloroethene	< 25	25	60	ug/kg		9/2/97	SW846 8260
1,2,3-Trichloropropane	< 25	25	60	ug/kg		9/2/97	SW846 8260
1,3,5-Trimethylbenzene	< 25	25	60	ug/kg		9/2/97	SW846 8260
Vinyl chloride	< 25	25	60	ug/kg		9/2/97	SW846 8260
Xylenes, -m, -p	< 25	25	60	ug/kg		9/2/97	SW846 8260
Xylene, -o	< 25	25	60	ug/kg		9/2/97	SW846 8260
4-Bromofluorobenzene	87			%Recov		9/2/97	SW846 8260
Dibromofluoromethane	78			%Recov		9/2/97	SW846 8260
Toluene-d8	92			%Recov		9/2/97	SW846 8260

### Organic Results

#### GASOLINE RANGE ORGANICS - SOIL/METHANOL

Prep Method: WI MOD:GRO

Prep Date: 8/2/97

Analyst: FMS

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	< 2.7			2.7	mg/kg		9/3/97	WDNR MOD GRO
Blank Spike	101			1.00	%Recov		9/3/97	WDNR MOD GRO
Blank Spike Duplicate	99			1.0	%Recov		9/3/97	WDNR MOD GRO

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





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Green Bay, WI 54302  
920-469-2436  
800-7-ENCHEM  
Fax: 920-469-8827

### - Analytical Report -

Project Name : ZUEGE PRODUCTS

Project Number :

Client : ENVIRONMENTAL COMPLIANCE CONSULT

Field ID : PILE

Report Date : 9/4/97

Lab Sample Number : 872231-009

Collection Date : 8/28/97

WI DNR LAB ID : 40513270

Matrix Type : SOIL

### Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Solids, percent	87.1				%		9/2/97	SM2540G	SM2540G	PHS

### Organic Results

EPA 8260 VOLATILE LIST - SOIL/METHANOL

Prep Method: SW846 5030

Prep Date: 9/2/97

Analyst: RJN

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 25	25	60		ug/kg		9/3/97	SW846 8260
Bromobenzene	< 25	25	60		ug/kg		9/3/97	SW846 8260
Bromochloromethane	< 25	25	60		ug/kg		9/3/97	SW846 8260
Bromodichloromethane	< 25	25	60		ug/kg		9/3/97	SW846 8260
Bromoform	< 25	25	60		ug/kg		9/3/97	SW846 8260
Bromomethane	< 25	25	60		ug/kg		9/3/97	SW846 8260
s-Butylbenzene	< 25	25	60		ug/kg		9/3/97	SW846 8260
t-Butylbenzene	< 25	25	60		ug/kg		9/3/97	SW846 8260
n-Butylbenzene	< 25	25	60		ug/kg		9/3/97	SW846 8260
Carbon tetrachloride	< 25	25	60		ug/kg		9/3/97	SW846 8260
Chloroform	< 25	25	60		ug/kg		9/3/97	SW846 8260
Chlorobenzene	< 25	25	60		ug/kg		9/3/97	SW846 8260
Chlorodibromomethane	< 25	25	60		ug/kg		9/3/97	SW846 8260
Chloroethane	< 25	25	60		ug/kg		9/3/97	SW846 8260
Chloromethane	< 25	25	60		ug/kg		9/3/97	SW846 8260
2-Chlorotoluene	< 25	25	60		ug/kg		9/3/97	SW846 8260
4-Chlorotoluene	< 25	25	60		ug/kg		9/3/97	SW846 8260
1,2-Dibromo-3-chloropropane	< 25	25	60		ug/kg		9/3/97	SW846 8260
1,2-Dibromoethane	< 25	25	60		ug/kg		9/3/97	SW846 8260
Dibromomethane	< 25	25	60		ug/kg		9/3/97	SW846 8260
1,3-Dichlorobenzene	< 25	25	60		ug/kg		9/3/97	SW846 8260
1,4-Dichlorobenzene	< 25	25	60		ug/kg		9/3/97	SW846 8260
1,2-Dichloroethane	< 25	25	60		ug/kg		9/3/97	SW846 8260

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



1795 Industrial Drive  
Green Bay, WI 54302  
920-469-2436  
800-7-ENCHEM  
Fax: 920-469-8827

### - Analytical Report -

Project Name : ZUEGE PRODUCTS

Project Number :

Client : ENVIRONMENTAL COMPLIANCE CONSULT

Field ID : PILE

Report Date : 9/4/97

Lab Sample Number : 872231-009

Collection Date : 8/28/97

WI DNR LAB ID : 40513270

Matrix Type : SOIL

1,2-Dichlorobenzene	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,1-Dichloroethene	< 25	25	60	ug/kg	9/3/97	SW846 8260
cis-1,2-Dichloroethene	< 25	25	60	ug/kg	9/3/97	SW846 8260
Dichlorodifluoromethane	< 25	25	60	ug/kg	9/3/97	SW846 8260
trans-1,2-Dichloroethene	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,2-Dichloropropane	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,1-Dichloroethane	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,3-Dichloropropane	< 25	25	60	ug/kg	9/3/97	SW846 8260
2,2-Dichloropropane	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,1-Dichloropropene	< 25	25	60	ug/kg	9/3/97	SW846 8260
cis-1,3-Dichloropropene	< 25	25	60	ug/kg	9/3/97	SW846 8260
trans-1,3-Dichloropropene	< 25	25	60	ug/kg	9/3/97	SW846 8260
Diisopropyl ether	< 25	25	60	ug/kg	9/3/97	SW846 8260
Ethylbenzene	< 25	25	60	ug/kg	9/3/97	SW846 8260
Fluorotrichloromethane	< 25	25	60	ug/kg	9/3/97	SW846 8260
Hexachlorobutadiene	< 25	25	60	ug/kg	9/3/97	SW846 8260
Isopropylbenzene	< 25	25	60	ug/kg	9/3/97	SW846 8260
p-Isopropyltoluene	< 25	25	60	ug/kg	9/3/97	SW846 8260
Methylene chloride	< 25	25	60	ug/kg	9/3/97	SW846 8260
Methyl-tert-butyl-ether	< 25	25	60	ug/kg	9/3/97	SW846 8260
Naphthalene	< 25	25	60	ug/kg	9/3/97	SW846 8260
n-Propylbenzene	< 25	25	60	ug/kg	9/3/97	SW846 8260
Styrene	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,1,2,2-Tetrachloroethane	< 25	25	80	ug/kg	9/3/97	SW846 8260
1,1,1,2-Tetrachloroethane	< 25	25	60	ug/kg	9/3/97	SW846 8260
Tetrachloroethene	360	29	70	ug/kg	9/3/97	SW846 8260
Toluene	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,2,3-Trichlorobenzene	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,2,4-Trichlorobenzene	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,1,1-Trichloroethane	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,1,2-Trichloroethane	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,2,4-Trimethylbenzene	< 25	25	60	ug/kg	9/3/97	SW846 8260
Trichloroethane	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,2,3-Trichloropropane	< 25	25	60	ug/kg	9/3/97	SW846 8260
1,3,5-Trimethylbenzene	< 25	25	60	ug/kg	9/3/97	SW846 8260

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### - Analytical Report -

Project Name : ZUEGE PRODUCTS

Project Number :

Client : ENVIRONMENTAL COMPLIANCE CONSULT

Field ID : PILE

Report Date : 9/4/97

Lab Sample Number : 872231-009

Collection Date : 8/28/97

WI DNR LAB ID : 40513270

Matrix Type : SOIL

---

Vinyl chloride	< 25	25	60	ug/kg	9/3/97	SW846 8260
Xylenes, -m, -p	< 25	25	60	ug/kg	9/3/97	SW846 8260
Xylene, -o	< 25	25	60	ug/kg	9/3/97	SW846 8260
4-Bromofluorobenzene	85			%Recov	9/3/97	SW846 8260
Dibromofluoromethane	91			%Recov	9/3/97	SW846 8260
Toluene-d8	90			%Recov	9/3/97	SW846 8260

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



Company Name: ECCI  
 Branch or Location: Green Bay  
 Project Contact: Catherine Sanders  
 Telephone: 497-8315  
 Project Number: \_\_\_\_\_  
 Project Name: Zvege Products  
 Project Location: New London, WI  
 Sampled By (Print): Catherine Sanders  
 Regulatory Program (circle): UST RCRA CLP SDWA  
 NPDES/WPDES CAA NH \_\_\_\_\_  
 Other: \_\_\_\_\_  
 NR720 Confirmation Analysis Required? (circle): Y N  
 (En Chem will not confirm unless otherwise instructed.)



1241 Bellevue St., Suite 9  
 Green Bay, WI 54302  
 920-489-2436 • 1-800-736-2436  
 FAX 920-489-8827

802 Denning Way  
 Madison, WI 53717  
 608-827-5501 • 1-888-536-2436  
 Fax: 808-827-5503

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

**CHAIN OF CUSTODY**

*Returned  
 25-110Cores*

FILTERED? (YES/NO)  
 PRESERVATION (CODE)

-	-	-	-	-	-	-	-	-	-
E	E	E	A	A					

ANALYSES REQUESTED  
 VOC  
 BBO  
 GRO  
 Lead  
 Cadmium

Page \_\_\_\_\_ of \_\_\_\_\_  
 P.O. # \_\_\_\_\_ Quote # \_\_\_\_\_

Mail Report To: Catherine Sanders

Company: ECCI  
 Address: 924 DuChateau  
 Green Bay, WI  
 54304

Invoice To: Accounting

Company: ECCI  
 Address: P.O. Box 11417  
 Green Bay, WI 54307

Mail Invoice To: \_\_\_\_\_

FIELD ID	SAMPLE DESCRIPTION	COLLECTION		ANALYSES REQUESTED					FIELD SCREEN	MATRIX	GOOD COND.	TOTAL BOTTLES	COMMENTS	LABORATORY NUMBER
		DATE	TIME	VOC	BBO	GRO	Lead	Cadmium						
B1-2	Boring 1-2	2352, 1364 0793	8/29/97	920	✓	✓	✓	✓	✓	S	X	1-500 320C		00/
B1-4	Boring 1-4	9221, 9457 5315	8/29/97	950	✓	✓	✓	✓	✓	S				01/
B2-2	Boring 2-2	4482, 3703 3112	8/29/97	1010	✓	✓	✓	✓	✓	S				03/
B2-4	Boring 2-4	0553, 5207 4251	8/29/97	1025	✓	✓	✓	✓	✓	S				03/
B3-2	Boring 3-2	1704, 2397 4149	8/29/97	1045	✓	✓	✓	✓	✓	S				03/
B3-4	Boring 3-4	4028, 3560 5340	8/29/97	1110	✓	✓	✓	✓	✓	S				03/
B4-2	Boring 4-2	2160, 0596 1750	8/29/97	1130	✓	✓	✓	✓	✓	S				03/
B4-4	Boring 4-4	5486, 2055 1297	8/29/97	1150	✓	✓	✓	✓	✓	S				03/
Pile	Soil Pile	9751	8/29/97	1200	✓					S				03/

Preservation Code  
 A=None B=HCl C=H2SO4  
 D=HNO3 E=EnCore F=Methanol  
 G=NaOH O=Other (Indicate)  
 \*If not using En Chem's methanol,  
 Indicate volume of methanol added and  
 mark the appropriate boxes.

Relinquished By: Catherine Sanders Date/Time: 8/29/97 1035  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By (En Chem): Th. 8/29/97 Date/Time: \_\_\_\_\_

En Chem Project No: 872231  
 Sample Receipt Temp: ROI  
 Sample Receipt pH (Wet/Matrix): \_\_\_\_\_