FAXED

State of Wisconsin
Department of Natural Resources

# 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):**

- [x] 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 |
|---|---|
| | 920-662-5197 |

**1. Discharge reported by:**

| Name | Firm | Date FAXed to DNR |
|---|---|---|
| BOB MOTTL | STS CONSULTANTS LTD | 6/5/06 |
| **Mailing Address** | | **(Area Code) Phone Number** |
| 1035 KEPLER DRIVE; GREEN BAY; WI; 54311 | | 920-468-1978 |

**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: LUCI'S BAR

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: W 2490 HOFA PARK DRIVE;

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

| County: | Legal Description: |
|---|---|
| SHAWANO | SW 1/4, SW 1/4, Section 18, Tn 25N, Range 18 (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

LUCILLE VAN LANNEN

- [ ] 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 |
|---|---|---|---|
| MRS. LUCILLE VAN LANNEN | | | 920-833-6550 |
| **Mailing Address** | **City** | **State** | **ZIP Code** |
| W 2490 HOFA PARK DRIVE | SEYMOUR | WI | 54165 |

(continued)

State of Wisconsin
Department of Natural Resources

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

Form 4400-225 (07-03) 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

**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

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

- ☐ 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
- P Groundwater Contamination
- ___ Off-Site Contamination
- ___ Other
- ___ Sanitary Sewer Contamination
- K Soil Contamination
- ___ Storm Sewer Contamination
- ___ Surface Water Contamination
- K 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: TEST PITS Date 5/2006

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.

GEO PROBE ASSESSMENT OF IMPACTS.
IMPACTS APPEAR TO BE LOCALIZE

**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

Pace Analytical®

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

# Analytical Report Number: 871644

**Client:** STS CONSULTANTS
**Lab Contact:** Eric Bullock
**Project Name:**
**Project Number:** 200603219

| Lab Sample Number | Field ID | Matrix | Collection Date |
|---|---|---|---|
| 871644-001 | TP-1 S-3 4'-5' | SOIL | 05/08/06 |
| 871644-002 | TP-1 S-4 5'-6' | SOIL | 05/08/06 |

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 Bullock
Approval Signature

5/15/06
Date

**Pace Analytical Services, Inc.**

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

# Analytical Report Number: 871644

Client : STS CONSULTANTS
Project Name :
Project Number : 200603219
Field ID : TP-1 S-3 4'-5'

Matrix Type : SOIL
Collection Date : 05/08/06
Report Date : 05/15/06
Lab Sample Number : 871644-001

## INORGANICS

| Test | Result | LOD | LOQ | EQL | Dil. | Units | Code | Anl Date | Prep Method | Anl Method |
|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 19 | 0.38 | 1.3 | | 1 | mg/Kg | | 05/12/06 | SW846 3050B | SW846 6010B |
| Percent Solids | 89.0 | | | | 1 | % | | 05/09/06 | SM M2540G | SM M2540G |

## PVOC

Prep Date: 05/09/06

| Analyte | Result | LOD | LOQ | EQL | Dil. | Units | Code | Anl Date | Prep Method | Anl Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 19000 | 140 | 340 | | 250 | ug/Kg | K | 05/09/06 | SW846 5030B | SW846 M8021 |
| 1,3,5-Trimethylbenzene | 3600 | 140 | 340 | | 250 | ug/Kg | K | 05/09/06 | SW846 5030B | SW846 M8021 |
| Benzene | < 120 | 120 | 300 | | 250 | ug/Kg | K | 05/09/06 | SW846 5030B | SW846 M8021 |
| Ethylbenzene | 1800 | 140 | 340 | | 250 | ug/Kg | K | 05/09/06 | SW846 5030B | SW846 M8021 |
| Methyl-tert-butyl-ether | < 120 | 120 | 300 | | 250 | ug/Kg | K | 05/09/06 | SW846 5030B | SW846 M8021 |
| Toluene | < 120 | 120 | 300 | | 250 | ug/Kg | K | 05/09/06 | SW846 5030B | SW846 M8021 |
| Xylene, o | 710 | 140 | 340 | | 250 | ug/Kg | K | 05/09/06 | SW846 5030B | SW846 M8021 |
| Xylenes, m + p | 1600 | 280 | 670 | | 250 | ug/Kg | K | 05/09/06 | SW846 5030B | SW846 M8021 |
| **Surrogate** | | **LCL** | **UCL** | | | | | | | |
| a,a,a-Trifluorotoluene | 108 | 80 | 119 | | 1 | % | K | 05/09/06 | SW846 5030B | SW846 M8021 |

## PAH/PNA

Prep Date: 05/11/06

| Analyte | Result | LOD | LOQ | EQL | Dil. | Units | Code | Anl Date | Prep Method | Anl Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 2000 | 34 | 110 | | 10 | ug/Kg | N | 05/12/06 | SW846 3545 | 8270C-SIM |
| 2-Methylnaphthalene | 4200 | 35 | 120 | | 10 | ug/Kg | N* | 05/12/06 | SW846 3545 | 8270C-SIM |
| Acenaphthene | < 33 | 33 | 110 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Acenaphthylene | < 32 | 32 | 110 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Anthracene | < 40 | 40 | 130 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Benzo(a)anthracene | < 60 | 60 | 200 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Benzo(a)pyrene | < 32 | 32 | 110 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Benzo(b)fluoranthene | < 32 | 32 | 110 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Benzo(ghi)perylene | < 40 | 40 | 130 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Benzo(k)fluoranthene | < 34 | 34 | 110 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Chrysene | < 49 | 49 | 160 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Dibenz(a,h)anthracene | < 31 | 31 | 100 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Fluoranthene | < 32 | 32 | 110 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Fluorene | < 38 | 38 | 130 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Indeno(1,2,3-cd)pyrene | < 28 | 28 | 94 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Naphthalene | 1500 | 45 | 150 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Phenanthrene | < 33 | 33 | 110 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Pyrene | < 28 | 28 | 92 | | 10 | ug/Kg | | 05/12/06 | SW846 3545 | 8270C-SIM |
| **Surrogate** | | **LCL** | **UCL** | | | | | | | |
| Nitrobenzene-d5 | 83 | 10 | 141 | | 10 | % | | 05/12/06 | SW846 3545 | 8270C-SIM |
| 2-Fluorobiphenyl | 68 | 10 | 161 | | 10 | % | | 05/12/06 | SW846 3545 | 8270C-SIM |
| Terphenyl-d14 | 80 | 29 | 150 | | 10 | % | | 05/12/06 | SW846 3545 | 8270C-SIM |

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

**Pace Analytical Services, Inc.**

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

# Analytical Report Number: 871644

Client : STS CONSULTANTS
Project Name :
Project Number : 200603219
Field ID : TP-1 S-4 5'-6'

Matrix Type : SOIL
Collection Date : 05/08/06
Report Date : 05/15/06
Lab Sample Number : 871644-002

## INORGANICS

| Test | Result | LOD | LOQ | EQL | Dil. | Units | Code | Anl Date | Prep Method | Anl Method |
|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 3.7 | 0.38 | 1.3 | | 1 | mg/Kg | | 05/12/06 | SW846 3050B | SW846 6010B |
| Percent Solids | 88.4 | | | | 1 | % | | 05/09/06 | SM M2540G | SM M2540G |

## PVOC

Prep Date: 05/09/06

| Analyte | Result | LOD | LOQ | EQL | Dil. | Units | Code | Anl Date | Prep Method | Anl Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | < 25 | 25 | 60 | | 50 | ug/Kg | | 05/09/06 | SW846 5030B | SW846 M8021 |
| 1,3,5-Trimethylbenzene | < 25 | 25 | 60 | | 50 | ug/Kg | | 05/09/06 | SW846 5030B | SW846 M8021 |
| Benzene | < 25 | 25 | 60 | | 50 | ug/Kg | | 05/09/06 | SW846 5030B | SW846 M8021 |
| Ethylbenzene | < 25 | 25 | 60 | | 50 | ug/Kg | | 05/09/06 | SW846 5030B | SW846 M8021 |
| Methyl-tert-butyl-ether | < 25 | 25 | 60 | | 50 | ug/Kg | | 05/09/06 | SW846 5030B | SW846 M8021 |
| Toluene | < 25 | 25 | 60 | | 50 | ug/Kg | | 05/09/06 | SW846 5030B | SW846 M8021 |
| Xylene, o | < 25 | 25 | 60 | | 50 | ug/Kg | | 05/09/06 | SW846 5030B | SW846 M8021 |
| Xylenes, m + p | < 50 | 50 | 120 | | 50 | ug/Kg | | 05/09/06 | SW846 5030B | SW846 M8021 |
| **Surrogate** | | **LCL** | **UCL** | | | | | | | |
| a,a,a-Trifluorotoluene | 103 | 80 | 119 | | 1 | % | | 05/09/06 | SW846 5030B | SW846 M8021 |

## PAH/PNA

Prep Date: 05/11/06

| Analyte | Result | LOD | LOQ | EQL | Dil. | Units | Code | Anl Date | Prep Method | Anl Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | < 3.4 | 3.4 | 11 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| 2-Methylnaphthalene | < 3.5 | 3.5 | 12 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Acenaphthene | < 3.4 | 3.4 | 11 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Acenaphthylene | < 3.3 | 3.3 | 11 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Anthracene | < 4.0 | 4.0 | 13 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Benzo(a)anthracene | < 6.0 | 6.0 | 20 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Benzo(a)pyrene | < 3.2 | 3.2 | 11 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Benzo(b)fluoranthene | < 3.2 | 3.2 | 11 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Benzo(ghi)perylene | < 4.0 | 4.0 | 13 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Benzo(k)fluoranthene | < 3.5 | 3.5 | 12 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Chrysene | < 4.9 | 4.9 | 16 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Dibenz(a,h)anthracene | < 3.1 | 3.1 | 10 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Fluoranthene | < 3.3 | 3.3 | 11 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Fluorene | < 3.9 | 3.9 | 13 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Indeno(1,2,3-cd)pyrene | < 2.8 | 2.8 | 9.5 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Naphthalene | < 4.5 | 4.5 | 15 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Phenanthrene | < 3.3 | 3.3 | 11 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Pyrene | < 2.8 | 2.8 | 9.3 | | 1 | ug/Kg | | 05/11/06 | SW846 3545 | 8270C-SIM |
| **Surrogate** | | **LCL** | **UCL** | | | | | | | |
| Nitrobenzene-d5 | 57 | 10 | 141 | | 1 | % | | 05/11/06 | SW846 3545 | 8270C-SIM |
| 2-Fluorobiphenyl | 55 | 10 | 161 | | 1 | % | | 05/11/06 | SW846 3545 | 8270C-SIM |
| Terphenyl-d14 | 76 | 29 | 150 | | 1 | % | | 05/11/06 | SW846 3545 | 8270C-SIM |

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

## 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

Client Name: STS - GreenBay Project # 871644

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

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

[redacted]

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 20C Biological Tissue Is Frozen: Yes No

Temp should be above freezing to 6°C Comments:

Date and initials of person examining contents: 5-8-06 GD
LC 5/8/06

| | | | |
|---|---|---|---|
| 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:** _____ **Date:** 5/8/06

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)

**Pace Analytical Services, Inc.**

## Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

| Test Group Name | 871644-001 | 871644-002 |
|---|---|---|
| LEAD | B | B |
| PAH/PNA | B | B |
| PERCENT SOLIDS | B | B |
| PVOC | G | G |

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

# CHAIN OF CUSTODY RECORD

№ 36000

STS

RECORD NUMBER _____ THROUGH _____

Contact Person: Bob Mott
Phone No. _____ Office: GREEN BAY
Project No. 20060321.9 PO No. _____
Project Name _____

**Special Handling Request**
- ☐ Rush
- ☐ Verbal
- ☐ Other

Laboratory: Pace
Contact Person: Eric Bullock
Phone No. _____
Results Due _____

| Sample I.D. | Date | Time | Grab | Composite | No. of Containers | Sample Type (Water, soil, air, sludge, etc.) | Preservation Y | Preservation N | Field Data: PID/FID Ambient | Field Data: PID/FID Sample | Field Data: PH | Field Data: Special Cond. | Analysis Request | Comments on Sample (Include Major Contaminants) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | 1-40mlF 1-4B Amber 1-4B Plas | 871644 |
| TP-1 S-3 4'-5' | 5/8/06 | | X | | 3 | Soil | X | | | | | | PVOCs, PAHs, Lead | 001 |
| TP-1 S-4 5'-6' | 5/8/06 | | X | | 3 | Soil | X | | | | | | PVOCs, PAHs, Lead | 002 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
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| | | | | | |
|---|---|---|---|---|---|
| Collected by: Robert Mott | Date 5/8/06 | Time 10:00 | Delivery by: Robert Mott | Date 5/8/06 | Time 12:20 PM |
| Received by: Steve Mortensen | Date 5/8/06 | Time 1220 | Relinquished by: | Date | Time |
| Received by: | Date | Time | Relinquished by: | Date | Time |
| Received by: | Date | Time | Relinquished by: | Date | Time |
| Received for lab by: | Date | Time | Relinquished by: | Date | Time |

**Laboratory Comments Only:** Seals Intact Upon Receipt? ☐ Yes ☐ No ☐ N/A COE

| Final Disposition: | Comments (Weather Conditions, Precautions, Hazards): |
|---|---|
| | |
| | |

Distribution: Original and Green - Laboratory Yellow - As needed Pink - Transporter Goldenrod - STS Project File
Instructions to Laboratory: Forward completed original to STS with analytical results. Retain green copy.

6/99cp10k

**STS Consultants Ltd.**
Consulting Engineers