R E P O R T

09-68-291942

Alliant Foodservice, Inc,

One Parkway North

Deerfield, Illinois 60015

RECEIVED
SEP 25 1998
BUREAU FOR
REMEDIATION & REDEVELOPMENT

Underground Storage Tank
Closure Assessment Report

RECEIVED
SEP 24 1998
STATE
WATER AND MANAGEMENT

Alliant Foodservice, Inc.
1,000-Gallon Waste Oil Tank

W137 N9245 Highway 145
Menomonee Falls, Wisconsin

STS Project No. 85755XA

September 15, 1998

STS

STS Consultants, Ltd.
Solutions through Science & Engineering

September 15, 1998

Mr. Ted Lamparski
Alliant Foodservice, Inc.
One Parkway North
Deerfield, Illinois 60015

Re: Underground Storage Tank Closure Report for the Alliant Foodservice, Inc. Located at W137 N9245 Highway 145 in Menomonee Falls, Wisconsin - STS Project No. 85755XA

Dear Ted,

STS Consultants Ltd. is pleased to submit this Underground Storage Tank Closure Report for the above-referenced site. The report contains summaries of the information collected during the tank removal, including laboratory analytical results.

A copy of this report was also submitted to the Wisconsin Department of Natural Resources in Madison, Wisconsin, as you requested.

We appreciate this opportunity to provide quality engineering services to you once again. Please call us if we can provide engineering or construction services assistance to you in the future. Please contact Ken Yass at 414-577-1316 if you have any questions or comments regarding this report or this project.

Sincerely,

STS CONSULTANTS LTD.

Ken W. Yass

Kenneth W. Yass, E.I.T., CHMM
Assistant Project Engineer

Tom Kroeger /KWY

Thomas W. Kroeger
Principal Scientist

Attachments

©STS Consultants Ltd., September 1998

11425 West Lake Park Drive • Milwaukee, WI 53224-3025 • (414) 359-3030 • (414) 359-0822 Fax

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UNDERGROUND STORAGE TANK CLOSURE ASSESSMENT REPORT ALIANT FOODSERVICES, INC. MENOMONEE FALLS, WISCONSIN

1.0 INTRODUCTION

Alliant Foodservice, Inc. (Alliant) retained STS Consultants, Ltd. (STS) to perform an underground storage tank (UST) closure assessment following the removal of one UST located at Alliant's facility located at WW137 N9245 Highway 145 in Menomonee Falls, Wisconsin. The UST was a 1,000-gallon fiberglass UST which contained waste oil. STS prepared this report to document the personnel and companies involved with the project, disposal of the UST, tank sludge, geologic and hydrogeologic conditions, soil sample analytical results, and project conclusions.

2.0 PURPOSE AND SCOPE OF WORK

2.1 Purpose of Work

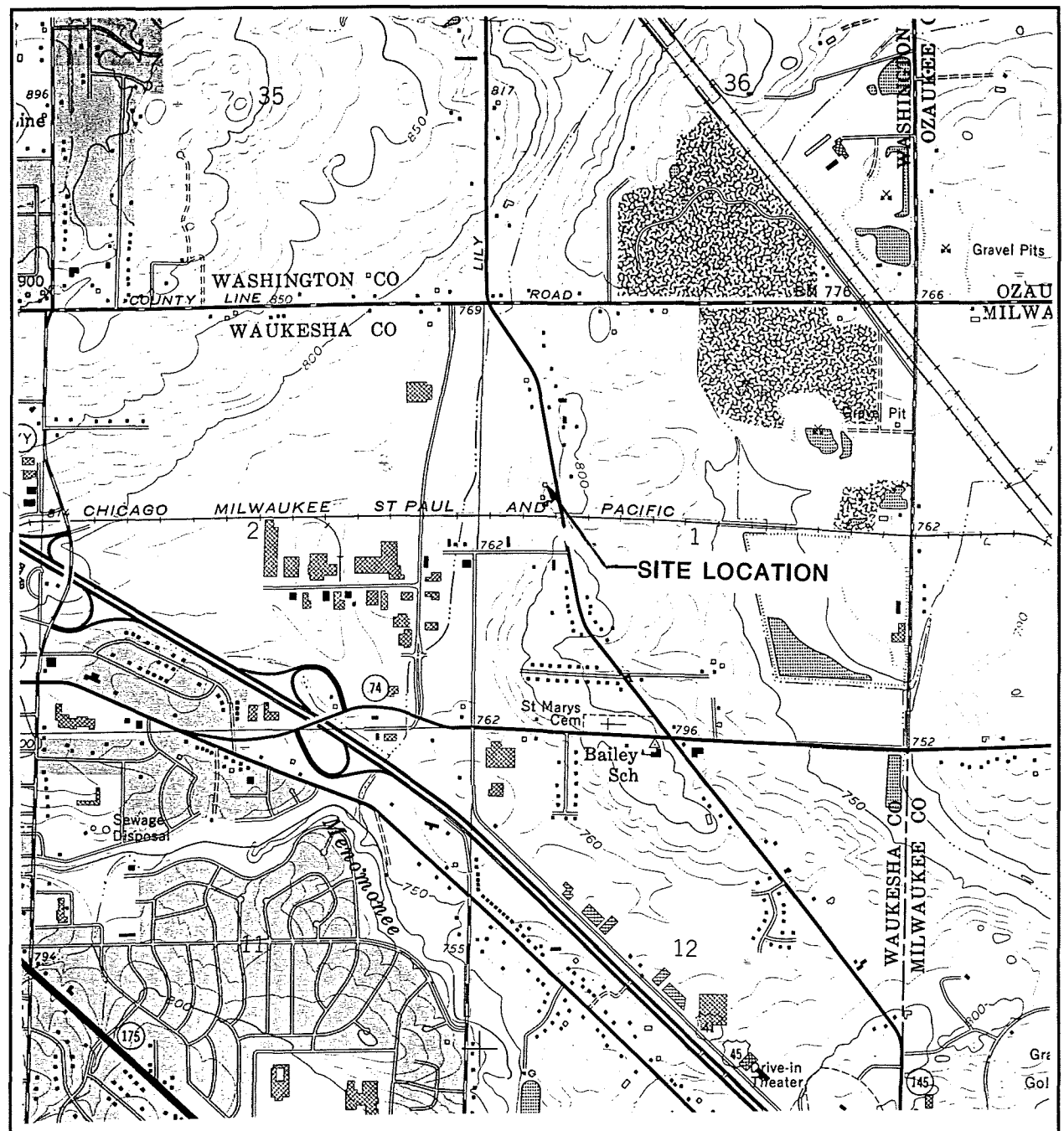
The purpose of the UST removal and closure assessment was to: 1) remove the source for potential petroleum hydrocarbon impacts to soil and groundwater at the site; and 2) assess soil quality within the UST cavity to determine if petroleum was released into the environment from the UST system.

2.2 Project Team

The contractors and personnel involved with the project are listed in Appendix A.

3.0 SITE LOCATION AND BACKGROUND INFORMATION

The Alliant facility is located in a rural area of Menomonee Falls, Wisconsin. The site is located in the Northwest 1/4 of the Southwest 1/4 of Section 1, Township 8 North, Range 20 East, Waukesha County, Wisconsin (Figure 1). Specifically, the site is located at W137 N99245 Highway 145, Menomonee Falls, Wisconsin. Truck maintenance takes place inside the Alliant building next to which the UST was removed.



SOURCE: USGS TOPOGRAPHIC QUADRANGLE MAP: MENOMONEE FALLS, WISCONSIN (1958, REVISED 1976)

N

STS Consultants Ltd
Consulting Engineers

SITE LOCATION MAP
ALLIANT FOODSERVICE, INC.
W137 N9245 HIGHWAY 145
MENOMONEE FALLS, WISCONSIN

DRAWN BY: kwy	DATE: 8/21/98
CHECKED BY: kwy	DATE: 8/21/98
APPROVED BY:twk	DATE: 8/21/98
FILE NO. 85755XAfig1.doc	SCALE: 1 inch = 2,000 feet
STS PROJECT NO. 5-85755XA	FIGURE NO. 1

4.0 UST CLEANING AND REMOVAL PROCEDURES

4.1 Tank Sludge Management

On August 4, 1998, the day prior to the UST removal, Alliant had the tank pumped nearly dry. On August 5, 1998, the day of the UST removal, approximately 110 gallons of tank sludge were removed from the UST. The drums of sludge were transported to Stablization Systems Inc. in Milwaukee, Wisconsin for disposal. A copy of the tank sludge management documentation is included as Appendix B.

4.2 UST Cleaning and Removal

On August 5, 1998, the UST was vented and removed from the subsurface and cleaned. The UST was removed intact from the cavity by North Shore personnel for inspection and cleaning. The single piping run for the UST ran to the Alliant building, less than 5 feet away (see Figure 2). Copies of the Underground Petroleum Product Tank Inventory Form and ILHR Checklist for Underground Tank Closure are presented in Appendix C.

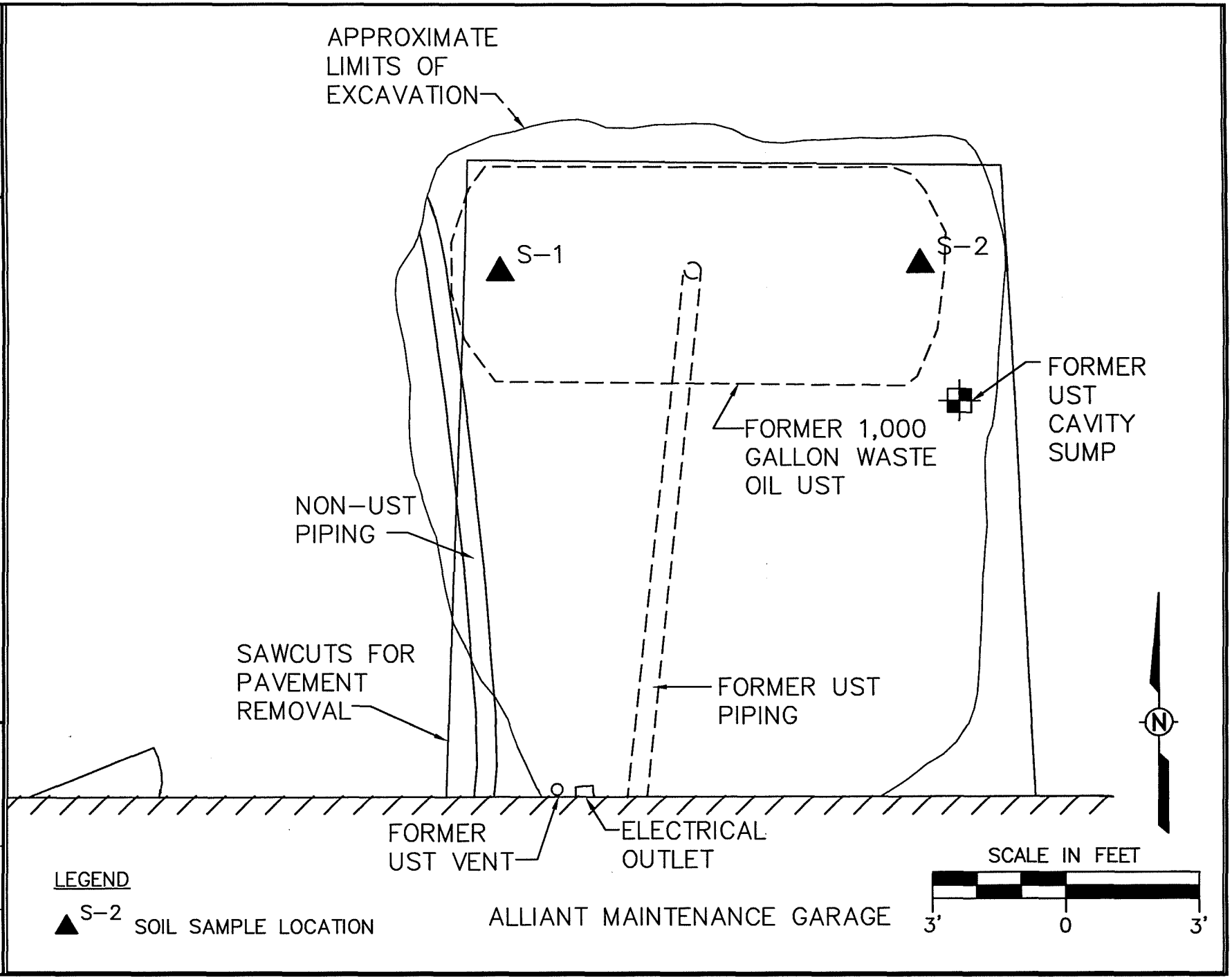
4.3 UST Disposal

The UST was transported off-site to Orchard Ridge Recycling and Disposal Facility (RDF) in Menomonee Falls, Wisconsin for disposal. The tank disposal documentation is included in Appendix D.

5.0 FIELD OBSERVATIONS AND SOIL SAMPLING

5.1 Field Observations

After the tank was removed, it was visually inspected by an ILHR-certified site assessor for holes or other evidence of system failures that could contribute to a petroleum release. The UST was noted to be in good condition with no holes, pitting or other perforations. The tank did not have an anchor. The dimensions of the tank was 11 feet long by 4.2 feet in diameter. The location and orientation of the UST and piping are depicted in Figure 2.



STS Consultants Ltd.
Consulting Engineers

SOIL SAMPLING LOCATIONS
ALLIANT FOODSERVICE, INC.
W137 N9245 HIGHWAY 145
MENOMONEE FALLS, WISCONSIN

DRAWN BY	PDS	8-24-98
CHECKED BY	KWY	8-24-98
APPROVED BY		8-24-98
CADFILE G5755000	SCALE AS SHOWN	
STS PROJECT NO. 85755XA	FIGURE NO. 2	

No petroleum odors or soil discoloration were noted in native soils within the tank cavity or in tank cavity backfill. Native soil observed in the excavation sidewalls was silty clay. Tank backfill was sand and fine gravel. The lateral excavation dimensions are depicted on Figure 2. The invert of the tank was approximately nine feet below grade. Groundwater was not observed in the UST excavation.

An inspection of the UST excavation revealed two pipes running north-south along the western edge of the excavation (see Figure 2). These pipes were approximately two feet below grade.

5.2 Soil Sampling and Field Screening Results

Two soil samples were collected from native soil in accordance with the WDNR guidance document, "*Site Assessments for Underground Storage Tanks Technical Guidance (PUBL-SW-175-93)*". A photoionization detector (PID) was used to screen each soil sample for the presence of volatile organic compounds (VOCs) by means of headspace analysis. The PID was equipped with a 10.6 eV lamp and was calibrated prior to going into the field. Prior to headspace analysis, each soil sample was allowed to equilibrate to approximately 70°F and vigorously agitated to break-up large clumps to facilitate vapor release. Field screening results are listed in Table 1.

6.0 SOIL SAMPLING LABORATORY RESULTS

The soil samples were transported with a chain-of-custody document to U.S. Filter/Enviroscan Analytical Laboratory. Samples were analyzed for diesel range organics (DRO). The samples were analyzed using the WDNR modified methods specified in the "*Leaking Underground Storage Tank Analytical and Quality Assurance Guidance Document (PUBL-SW-13093)*". The analytical results from the soil samples are listed in Table 1.

Neither sample contained DRO above the laboratory detection limit of 10 milligrams per kilogram. Based on the soil sample laboratory analysis and visual/olfactory observations during tank removal, a petroleum release has not occurred. Copies of the laboratory reports are presented as Appendix E.

Table 1
Soil Sampling Results - Waste Oil UST Removal
Alliant Foodservice,Inc. - Menomonee Falls, WI
STS Project No. 85755XA

Sample No.	S-1	S-2
Sample Location	Western Excavation Bottom	Eastern Excavation Bottom
Sample Depth	11 feet Below Grade	11 feet Below Grade
Soil Description	Brown Clay	Brown Clay
Odor?	No	No
PID Reading (IU)	0	0
DRO, mg/kg	<10	<10

NOTES:

1. DRO - Diesel Range Organics (WI. Modified Method)
2. mg/kg - milligrams per kilogram, or parts per million
3. Sample depths shown in feet below ground surface
4. Field PID (IU) - photoionization detector result in instrument units, similar to ppm
5. Samples collected by STS Milwaukee on 8/5/98, and analyzed by U.S. Filter laboratory in Rothschild, WI

7.0 PROJECT SUMMARY

The following summary is based on the observations, activities, and findings of the UST removal and closure assessment:

- On August 5, 1998, a 1,000-gallon fiberglass UST formerly containing waste oil was removed from the Alliant facility in Menomonee Falls, Wisconsin. Prior to removal, Alliant had the tank pumped nearly dry.
- The UST was removed from the excavation and cleaned by North Shore personnel.
- The UST was inspected by STS to assess its structural integrity. The tank was in good condition and had no holes. The UST was transported to Orchard Ridge RDF for disposal.
- No obvious contamination was noted during the UST removal (i.e. no petroleum odors, no soil discoloration, no elevated PID values). Water was not encountered. The depth of the excavation was approximately nine feet below grade.
- Two soil samples were collected from native soil according to WDNR guidelines. The samples was analyzed for DRO by a WDNR certified laboratory.
- Neither soil sample contained DRO above the laboratory detection limit.
- Based on the above, a release has not occurred at the site.

8.0 RECOMMENDATIONS

No additional work is required or recommended.

A copy of this report must be submitted to:

Wisconsin Department of Natural Resources
Remediation and Redevelopment Program
P.O. Box 7921
Madison, Wisconsin 53707
Attn: Ms. Julie Weber

9.0 LIMITATIONS OF INVESTIGATION

This report was prepared under constraints of cost, time, and scope and reflects a limited assessment and evaluation rather than a full, total, complete or extensive assessment and evaluation.

Our assessment was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by professional consultants practicing in this or similar localities. No other warranty or guarantee, expressed or implied, is made as to the conclusions and professional advice included in this report.

The findings of this report are valid as of the present date of the assessment. However, changes in the conditions of the Property can occur with the passage of time, whether due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation, from the broadening of knowledge, or from other reasons. Accordingly, the findings of this report may be invalidated wholly or partially by changes outside of our control.

The interpretations and conclusions contained in this report are based upon the result of independent laboratory tests and analyses intended to detect the presence and/or concentrations of certain chemical constituents in samples taken from the subject property. STS has no control over such testing and analysis and, therefore, disclaims any responsibility for any errors and omissions arising therefrom.

A subsurface exploration was performed and presented in this report. However, subsurface exploration cannot reveal totally what is below the surface. Depending upon the sampling method and frequency, every soil condition may not be observed, and some materials or layers which are present in the subsurface may not be noted.

This report is issued with the understanding that it is the responsibility of the owner(s) to ensure that the information and recommendations contained herein are brought to the attention of the appropriate regulatory agency(ies).

APPENDICES

Appendix A - Involved Parties

Appendix B - Tank Sludge Management Documentation

Appendix C - Underground Petroleum Product Tank Inventory Form and ILHR Checklist for Underground Tank Closure

Appendix D - UST Disposal Documenation

Appendix E - Laboratory Analytical Reports and Chain of Custody Form

APPENDIX A

Personnel/Contractor Identification and Certifications

Site Assessor -

Mr. Kenneth W. Yass, E.I.T., CHMM
STS Consultants Ltd.
11425 West Lake Park Drive
Milwaukee, WI 53224
(414) 359-3030
ILHR Certification No. 05765

Site Owner -

Alliant Foodservice, Inc.
One Parkway North
Deerfield, IL 60015
(847) 405-8814
Contact: Mr. Ted Lamparski

Tank Excavator, Remover and Cleaner -

Mr. Keith Bailey
North Shore Environmental Construction, Inc.
N117 W18493 Fulton Drive
Germantown, Wisconsin 53022
Telephone: 414-255-4468
Remover Certification No. 42774

On-Site DILHR Representative -

Lt. Donald Schulteis
Menonmee Falls Fire Department
Menomonee Falls, Wisconsin 53051
Telephone: (414) 255-3340
Inspector Certification No. 35085

Tank Sludge Disposal Facility -

Stabilization Systems Inc.
3801 West McKinley Avenue
Milwaukee, Wisconsin 53208
Telephone: (414) 342-1852

Tank Disposal Facility -

Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, Wisconsin 53051
Telephone: (414) 253-8620

Laboratory Services -

U.S. Filter Analytical Laboratory
Contact: Mr. Greg Flak
301 West Military Road
Rothschild, Wisconsin 54474
Telephone: 800-338-7226
WDNR Certification #737053130

APPENDIX B

Tank Sludge Management Documentation

P02

[redacted]

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.
Manifest Document No. 02435
2. Page 1 of 1

02435

3. Generator's Name and Mailing Address
Alliant Food Service
W137 N9243 Highway 145 Menomonee Falls WI 53051

4. Generator's Phone (414) 284-8950 Mark Wildhagen (One Step Env)

5. Transporter 1 Company Name
Advanced Waste Carriers, Inc.
6. US EPA ID Number
W 1 0 0 0 0 8 1 5 3 8 1

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
STABILIZATION SYSTEMS, INC.
3801K WEST McKINLEY AVE.
MILWAUKEE, WI 53208
10. US EPA ID Number

A. Transporter's Phone 800-842-9792
B. Transporter 2 Phone
C. Facility's Phone 414-342-1852

11. Waste Shipping Name and Description	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol
a. Waste Non-Hazardous Liquid, Non Regulated Material	002	D.M	00110	G
b.				
c.				
d.				

GENERATOR

15. Additional Descriptions for Materials Listed Above
A. SSI # 981775 Oil Sludge

K. Handling Codes for Wastes Listed Above
G = Gallons

15. Special Handling Instructions and Additional Information
Bill to: One Step Environmental

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Printed/Typed Name DALE PARSONS Signature [signature] Month 01 Day 09 Year 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Joe Oth Signature [signature] Month 09 Day 01 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Jeff Sean Signature [signature] Month 09 Day 01 Year 98

[redacted]

WHITE - Original Return to Generator • CANARY - Transporter #1 • PINK - Transporter #2 • BLUE - Generator's Copy • GOLD - TSD/F Copy

APPENDIX C

Underground Petroleum Product Tank Inventory Form
and ILHR Checklist for Underground Tank Closure

State of Wisconsin

WI Tank ID#: 67035 0636

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
ERS Division
Bureau of Storage Tank Regulation
P.O. Box 7969, Madison, WI 53707

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (including piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ Yes ☐ No If yes, are you correcting/updating information only? ☐ Yes ☐ No

Personal information you provide may be used for secondary purposes. [Privacy Law, s. 15.04 (1)(m)]

This registration applies to a tank that is (check one):
1A. ☐ In Use or
1B. ☐ Newly Installed
2. ☐ Abandoned with Product
3. ☐ Abandoned No Product (empty) or with Water
4. ☐ Closed - Tank Removed
6. ☐ Closed - Filled with Inert Materials
7. ☐ Out of Service - Provide Date: _____
8. ☐ Ownership Change (Indicate new owner name in block 2)

Fire Department providing fire coverage where tank is located:
☐ City ☒ Village
☐ Town of Menomonee Falls

A. IDENTIFICATION (Please Print)

1. Tank Site Name	Site Address	Site Telephone Number
Alliant Food Service, Inc.	W137 N9245 Highway 145	( )
☒ City ☒ Village ☐ Town of: Menomonee Falls	State: Wisconsin; Zip Code: 53051	County: Waukesha
2. Tank Owner Name: Alliant Food Service, Inc.	Mailing Address: W137 N9245 Highway 145	Telephone Number
☐ City ☒ Village ☐ Town of: Menomonee Falls	State: Wisconsin; Zip Code: 53051	County: Waukesha
3. Previous Name: KRAFT Food service	Previous site address if different than #1	
4. Tank Age (date installed, if known or years old): 4/13/88	5. Tank Capacity (gallons): 1,000	6. If more than one tank is located at facility, please provide tank #

B. TYPE OF USER (check one)
1. ☐ Gas/Retail Sales 2. ☐ Bulk Storage 3. ☐ Utility 4. ☒ Mercantile/Commercial 5. ☐ Industrial
6. ☐ Government 7. ☐ School 8. ☐ Residential 9. ☐ Agricultural 10. ☐ Other (specify):
11. ☐ Tribal Nation 12. ☐ Federal Property 13. ☐ Backup Generator

C. TANK CONSTRUCTION (check one)
1. ☐ Bare Steel 2. ☐ Cathodically Protected & Coated Steel (Check one: A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel 4. ☒ Fiberglass 5. ☐ Other (specify): _____
6. ☐ Lined - Date: _____ 7. ☐ Steel - Fiberglass Reinforced Plastic Composite 9. ☐ Unknown

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other:
Is tank double walled? ☐ Yes ☒ No
Overfill Protection Provided? ☐ Yes ☒ No If yes, identify type:
Spill Containment? ☐ Yes ☒ No
Tank leak detection method: 1. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring
4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring
7. ☐ Manual tank gauging (only for tanks of 1,000 gallons or less) 8. ☐ Statistical Inventory Reconciliation (SIR)

D. PIPING CONSTRUCTION
1. ☒ Bare Steel 2. ☐ Cathodically Protected & Coated Steel (Check one: A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel 4. ☐ Fiberglass 5. ☐ Other (Specify): 9. ☐ Unknown

Vapor Recovery/Stage II ☐ CARB #: _____
4. ☐ Fiberglass 6. ☐ Flexible 5. ☐ Other (specify): ☐ Operational - Provide Date (mo/day/yr):

Piping System Type: 1. ☐ Pressurized piping with A. ☐ auto shutoff; B. ☐ alarm or C. ☐ flow restrictor
2. ☐ Suction piping with check valve at tank 3. ☐ Suction piping with check valve at pump and inspectable 4. ☒ Not needed if waste oil
Piping leak detection method: used if pressurized or check valve at tank: 1. ☐ Vapor monitoring 2. ☐ Interstitial monitoring
3. ☐ Groundwater monitoring 4. ☐ Tightness testing 5. ☐ Line leak detector 6. ☒ Not required 8. ☐ SIR

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other:
Is pipe double walled? ☐ Yes ☒ No

E. TANK CONTENTS
1. ☐ Diesel 2. ☐ Leaded 3. ☐ Unleaded 4. ☐ Fuel Oil 5. ☐ Gasohol
6. ☐ Other (Specify): _____ 7. ☐ Empty* 8. ☐ Sand/Gravel/Slurry* 9. ☐ Unknown* 10. ☐ Premix
11. ☒ Waste/Used Motor Oil 13. ☐ Chemical _____ 14. ☐ Kerosene 15. ☐ Aviation
(Indicate chemical name and number)

* If 7, 8, 9, or 13 is chosen, this tank is NOT PECFA eligible.

If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr):
Has a site assessment been completed (see reverse side for details) ☒ Yes ☐ No

Owner or Operator Name (please print): Alliant Foodservice (Dale A Pasby)
Indicate whether: ☐ Owner or ☒ Operator

Owner or Operator Signature: DALE A. PASBRIG
Date Signed: 8-5-98

IMPORTANT: Failure to provide sufficient information may cause you to fall under additional regulations, and may delay PECFA eligibility determination. It is necessary to complete ALL shaded areas and as many other items as possible.

Complete one form for each site closure.

The information you provide may be used by other government agency programs [Privacy Law, s.15.04 (1)(m)].

CHECKLIST FOR TANK CLOSURE

CHECK ONE:
☒ UNDERGROUND
☐ ABOVEGROUND
FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE N/A BOX

RETURN COMPLETED CHECKLIST TO:
Wisconsin Department of Commerce
ERS Division
Bureau of Storage Tank Regulation
P.O. Box 7969
Madison, WI 53707

A. IDENTIFICATION: (Please Print) Indicate whether closure is for: ☐ Tank System ☐ Tank Only ☐ Piping Only

1. Site Name: Alliant Fuel Service, Inc.	2. Owner Name: Alliant Fuel Service, Inc.
Site Street Address (not P.O. Box): W137 N9245 Highway 145	Owner Street Address: W137 N9245 Highway 145
☐ City ☒ Village ☐ Town of: Menomonee Falls	☐ City ☒ Village ☐ Town of: Menomonee Falls; State: WI; Zip Code: 53051
State: WI; Zip Code: 53051; County: Waukesha	County: Waukesha; Telephone No. (include area code): ( )
3. Closure Company Name (print): North Shore Env. Const., Inc.	Closure Company Street Address: N117W15493 Fulton Dr.
Closure Company Telephone No. (include area code): (414) 255-4468	Closure Company City, State, Zip Code: Germantown, WI 53022
4. Name of Company Performing Closure Assessment: SIS Consultants Ltd.	Assessment Company Street Address, City, State, Zip Code: 11425 W. Lake Park Dr., Milw., WI 53224
Telephone # (include area code): (414) 359-3131	Certified Assessor Name (print): Ken YASS; Assessor Signature: Ken W. Yass; Assessor Certification No.: 42419

Tank ID #	Closure	Temp. Closure	Closure in Place	Tank Capacity	Contents*	Closure Assessment
1. 67030063 6	☒	☐	☐	1,000 gal	11	☒ Y ☐ N
2.	☐	☐	☐			☐ Y ☐ N
3.	☐	☐	☐			☐ Y ☐ N
4.	☐	☐	☐			☐ Y ☐ N
5.	☐	☐	☐			☐ Y ☐ N
6.	☐	☐	☐			☐ Y ☐ N

* Indicate which product by numeric code: 01-Diesel; 02-Leaded; 03-Unleaded; 04-Fuel Oil; 05-Gasohol; 06-Other:_____; 10-Premix; 11-Waste Oil; 13-Chemical (indicate the chemical name(s) or number(s) _____ _____ _____; 14-Kerosene; 15-Aviation.

Written notification was provided to the local agent 15 days in advance of closure date. ..... ☒ Y ☐ N ☐ NA
All local permits were obtained before beginning closure. ..... ☒ Y ☐ N ☐ NA

Check applicable box at right in response to all statements in Sections B-E.

	Remover Verified	Inspector Verified	NA
B. TEMPORARILY OUT OF SERVICE			
Written inspector approval of temporary closure obtained, which is effective until (provide date) _____	☐ Y ☐ N	☐	☐
1. Product Removed			
a. Product lines drained into tank (or other container) and resulting liquid removed, AND	☐ Y ☐ N	☐	☐
b. All product removed to bottom of suction line, OR	☐ Y ☐ N	☐	☐
c. All product removed to within 1" of bottom.	☐ Y ☐ N	☐	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐ Y ☐ N	☐	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐ Y ☐ N	☐	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐ Y ☐ N	☐	☐
5. Vent lines left open.	☐ Y ☐ N	☐	☐
6. Inventory form filed indicating temporary closure.	☐ Y ☐ N	☐	☐
C. CLOSURE BY REMOVAL			
1. Product from piping drained into tank (or other container).	☒ Y ☐ N	☐	☐
2. Piping disconnected from tank and removed.	☒ Y ☐ N	☒	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☒ Y ☐ N	☐	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒ Y ☐ N	☐	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☒ Y ☐ N	☐	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR.			
6. Vent lines left connected until tanks purged.	☒ Y ☐ N	☐	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☒ Y ☐ N	☐	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☒ Y ☐ N	☐	☐
9. Tank removed from excavation after **PURGING/INERTING**; placed on level ground and blocked to prevent movement.	☒ Y ☐ N	☒	☐
10. Tank cleaned before being removed from site.	☒ Y ☐ N	☒	☐

CONTINUE ON NEXT PAGE

C. CLOSURE BY REMOVAL (continued)

	Remover Verified	Inspector Verified	NA
11. Tank labeled in 2" high letters after removal but before being moved from site.	☑Y ☐N	☒	☐
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.			
12. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	☑Y ☐N	☐	☐
13. **Inventory form ERS-7437 filed by owner with the Department of Commerce indicating closure by removal.**	☑Y ☐N	☒	☐
14. Site security is provided while the excavation is open.	☑Y ☐N	☒	☐

D. CLOSURE IN PLACE

NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF COMMERCE OR LOCAL AGENT.

1. Product from piping drained into tank (or other container).	☐Y	☐N	☐	☐
2. Piping disconnected from tank and removed.	☐Y	☐N	☐	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☐Y	☐N	☐	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☐y	☐N	☐	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☐Y	☐N	☐	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT. ABOVE GRADE.				
6. Vent lines left connected until tanks purged.	☐Y	☐N	☐	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☐Y	☐N	☐	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) see Section F.	☐Y	☐N	☐	☐
9. Tank properly cleaned to remove all sludge and residue.	☐Y	☐N	☐	☐
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled.	☐Y	☐N	☐	☐
11. Vent line disconnected or removed.	☐Y	☐N	☐	☐
12. Inventory form filed by owner with the Department of Commerce indicating closure in place.	☐Y	☐N	☐	☐

E. CLOSURE ASSESSMENTS

NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO ILHR 10.

1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site.	☒Y	☐N	☒	☐
2. Do points of obvious contamination exist?	☐Y	☒N	☒	☐
3. Are there strong odors in the soils?	☐Y	☒N	☒	☐
4. Was a field screening instrument used to pre-screen soil sample locations?	☒Y	☐N	☒	☐
5. Was a closure assessment omitted because of obvious contamination?	☐Y	☒N	☒	☐
6. Was the DNR notified of suspected or obvious contamination?	☐Y	☐N	☐	☒

Agency, office and person contacted: _____

7. Contamination suspected because of: ☐Odor ☐Soil Staining ☐Free Product ☐Sheen on Groundwater ☐Field Instrument Test

F. METHOD OF ACHIEVING 10% LEVEL DESCRIPTION

☐Eductor Or Diffused Air Blower

Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground. Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.

☐Dry Ice

Dry Ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area. Dry ice evaporated before proceeding.

☐Inert Gas (CO/2 or N/2) **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.**

Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☑Tank atmosphere monitored for flammable or combustible vapor levels.

Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained before removing tank from ground.

G. NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW

H. REMOVER/CLEANER INFORMATION

Remover Name (print)	Remover Signature	Remover Certification No.	Date Signed
Keith M Bailey	Keith M Bailey	42774	8-5-98

I. INSPECTOR INFORMATION

Inspector Name (print)	Inspector Signature	Inspector Certification No.
Lt. Donald Schutteis	Lt. Donald Schutteis	35085

FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed
67032	(414) 255-3340	8/5/98

TANK INVENTORY FORM ERS-7437 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE CHECKLIST

OWNER

APPENDIX D

UST Disposal Documentation

CONTAINS HAZARDOUS MATERIALS

THIS MEMORANDUM

is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No.

Carrier's No.

CARRIER: North Shore Environmental Construction SCAC Date 8/5/98

TO: Consignee / Street / Destination
Orchard Ridge RDF
W124 N9355 Boundary Road
Menomonee Falls, WI Zip 53051

FROM: Shipper / Street / Origin
Alliant Food Service, Inc.
W137 N9245 Hwy. 145
Menomonee Falls, WI 53051 Zip

Route:

Vehicle Number

U.S. DOT Hazmat Reg. No.

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	Packing Group	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1		1000 Gallon Fiberglass UST						

Remit C.O.D. to:
Address:
City: State: Zip:

C.O.D. Amt: $

C. O. D. FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ PREPAID ☐ COLLECT

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

Where the applicable tariff provisions specify a limitation of the carrier's liability (NMFC Item 172), if there is no release or value declaration by the shipper, and the shipper does not declare a value or release the carrier's liability, that liability shall be limited to the extent provided by NMFC Item 172. California intrastate shipments must comply with NMFC Item 173.

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVERS SIGNATURE:

SHIPPER:
PER:
DATE:

CARRIER: North Shore Environmental Constructio
PER:
DATE: 8/5/98

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

APPENDIX E

Laboratory Reports and Chain-of-Custody Form

U.S.FILTER

U.S. FILTER/ENVIROSCAN
301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE 715-359-7226
FACSIMILE 715-355-3221

August 11, 1998

STS Consultants Ltd.
11425 W. Lake Park Dr.
Milwaukee, WI 53224

Attn: Ken Yass

Re: 85755XA

Please find enclosed the analytical results for the samples received August 6, 1998.

The chain of custody document is enclosed.

If you have any questions about the results, please call. Thank you for using US Filter/Enviroscan for your analytical needs.

Sincerely,

US Filter/Enviroscan

Dominic J. Bush
Senior Analytical Chemist

U.S. FILTER

UNITED STATES FILTER CORPORATION

STS Consultants Ltd.
11425 W. Lake Park Dr.
Milwaukee, WI 53224

CUST NUMBER: 85755XA
SAMPLED BY: Client
DATE REC'D: 08/06/98
REPORT DATE: 08/11/98
PREPARED BY: DJB
REVIEWED BY: MM

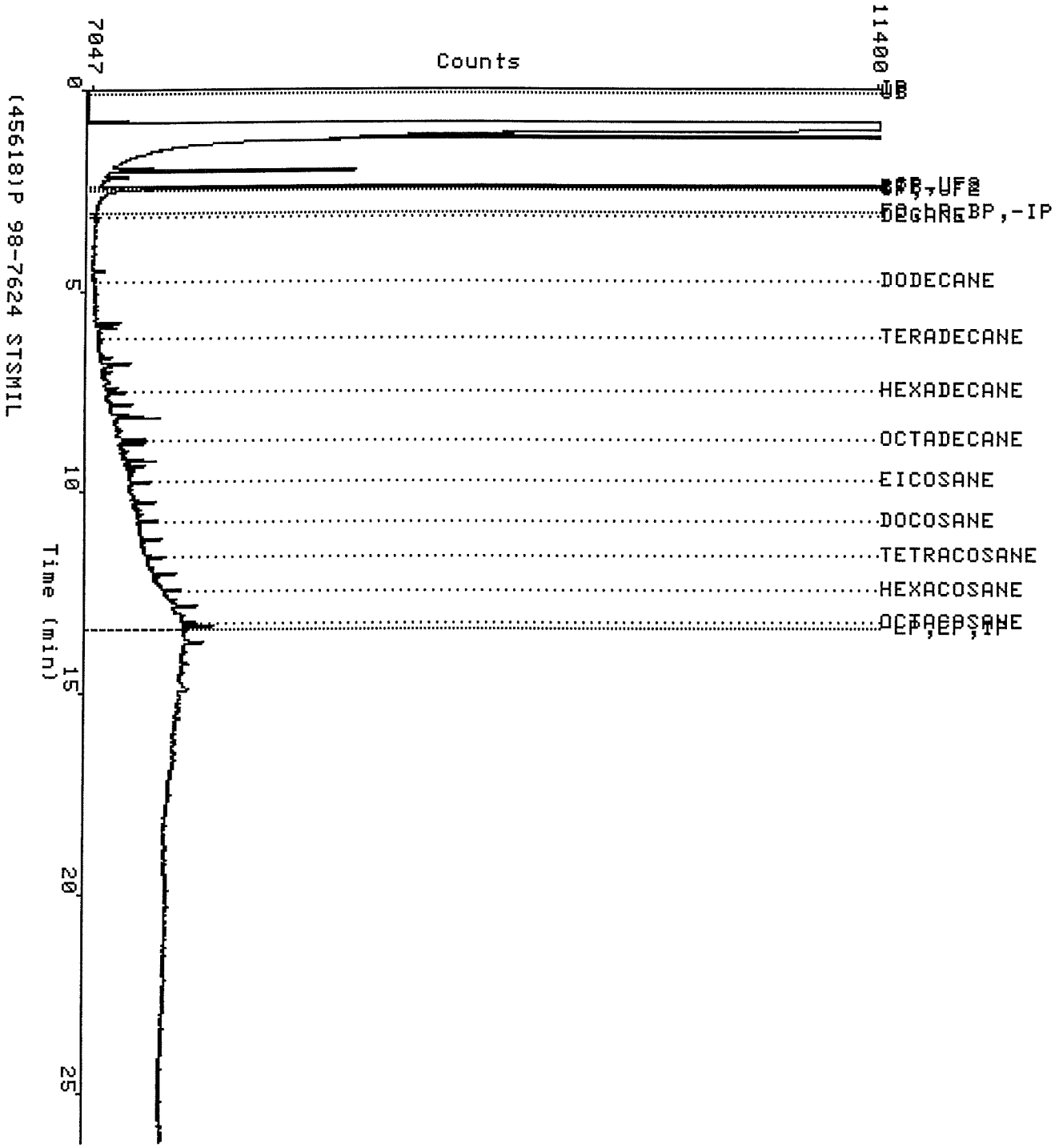
Attn: Ken Yass

	Units	Reporting Limit	S-1 08/05/98	Qualifiers	Date Analyzed	By
MOSA21-2						
Total Solids	%	-	83.8		08/07/98	LCK
WI DNR						
Soil Diesel Range Organics	mg/kg	6.0	X		08/07/98	DJB
Soil Org Ext - DRO		-	COMP		08/07/98	CKV
Analytical No.:			45618			

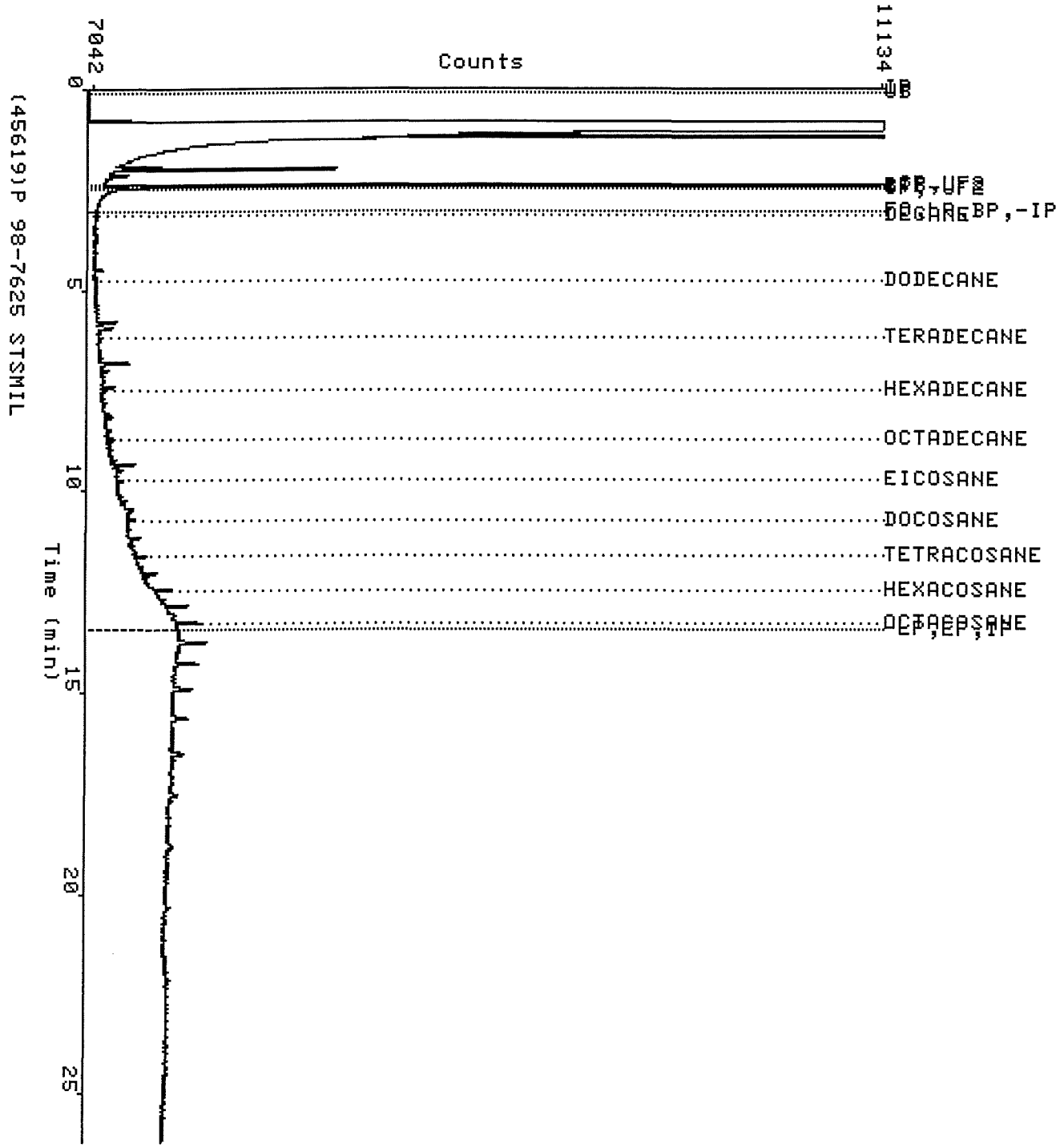
	Units	Reporting Limit	S-2 08/05/98	Qualifiers	Date Analyzed	By
MOSA21-2						
Total Solids	%	-	84.1		08/07/98	LCK
WI DNR						
Soil Diesel Range Organics	mg/kg	5.9	X		08/07/98	DJB
Soil Org Ext - DRO		-	COMP		08/07/98	CKV
Analytical No.:			45619			

X = Analyzed but not detected.
Results calculated on a dry weight basis.

Data file: USER$DISK3:[CHROM.SEMI.GC7]14TPHBM515
Report: 757289
cquired: 7-AUG-1998 18:17:57
ime range: 0.00-26.20
Vert. scale/offset: 1.0/0



Data file: USER$DISK3:[CHROM.SEMI.GC7]14TPHBM516
Report: 757302
Acquired: 7-AUG-1998 18:52:12
Time range: 0.00-26.20
Vert. scale/offset: 1.0/0



CHAIN OF CUSTODY RECORD

№ 27274

Contact Person: Ken Yass
Phone No.: 359-3030 Office: Milwaukee
Project No.: 85755XA PO No.: —
Project Name: Alliant

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

RECORD NUMBER 1 THROUGH 1

Laboratory: US Filter
Contact Person:
Phone No.:
Results Due: STD

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)
S-1	8/5	1140	X		2	soil		X					DRO	19045618
S-2	1	1142	X		2	1		X					DRO	19045619

Collected by: Ken Yass	Date 8/5/98	Time 2pm	Delivery by:	Date	Time
Received by:	Date	Time	Relinquished by:	Date	Time
Received by:	Date	Time	Relinquished by:	Date	Time
Received by:	Date	Time	Relinquished by:	Date	Time
Received for lab by: Lou Sirio	Date 8-6-98	Time 9:00	Relinquished by:	Date	Time

Laboratory Comments Only: Seals Intact Upon Receipt? ☒ Yes ☐ No ☐ N/A Received on Ice

Final Disposition:

Comments (Weather Conditions, Precautions, Hazards):
Samples on ice

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.

9/94cp10k

STS Consultants Ltd.
Consulting Engineers