

5

To: MPCA TANKS

STATE OF MINNESOTA

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF EMERGENCY MANAGEMENT
B-5 STATE CAPITOL, SAINT PAUL, MN 55155-1049

MINNESOTA DUTY OFFICER HAZARDOUS MATERIALS INCIDENT REPORT: TANKS

REPORT DATE: 4.29.98 TIME: 1606 DUTY OFFICER: Mark

REPORTED BY:		RESPONSIBLE PARTY/PROPERTY OWNER:	
NAME: <u>Ted Iversvik</u>		CONTACT: <u>Brad Pissant</u>	
C/O: <u>Remediation Services Inc.</u>		C/O: <u>Filut Supply</u>	
ADDRESS:		ADDRESS: <u>Box 546</u>	
CITY:	STATE:	CITY: <u>Cambridge</u>	STATE: <u>MN</u>
PHONE: <u>218-722-6013</u>	ZIP:	PHONE:	ZIP: <u>55008</u>
ALT. PHONE:		ALT. PHONE:	

DISCOVERY DATE: 4.29.98 TIME: Noon PREVIOUSLY REPORTED SITE?: Y N UNK --LEAK# _____

SITE NAME & ADDRESS: Filut Supply 1515 Hwy 95 east

CITY: Cambridge ZIP: 55008 COUNTY: Osanti

NUMBER/SIZE OF TANK(S):	TANK CONTENTS:	AGE OF TANK(S):	TYPE:
<u>1 @ 11,000 gal</u>	<u>gasoline</u>	<u>15-17 y old</u>	<input checked="" type="radio"/> U.S.T. / <input type="radio"/> A.S.T. <input checked="" type="radio"/> STEEL / <input type="radio"/> FIBRE GLASS
<u>1 @ 11,000 gal</u>	<u>↓</u>		<input checked="" type="radio"/> U.S.T. / <input type="radio"/> A.S.T. <input checked="" type="radio"/> STEEL / <input type="radio"/> FIBRE GLASS
<u>1 @ 6,000 gal</u>	<u>↓</u>		<input checked="" type="radio"/> U.S.T. / <input type="radio"/> A.S.T. <input checked="" type="radio"/> STEEL / <input type="radio"/> FIBRE GLASS
<u>@</u>			<input type="radio"/> U.S.T. / <input type="radio"/> A.S.T. <input type="radio"/> STEEL / <input type="radio"/> FIBRE GLASS

NATIVE SOIL TYPE: Sand SURFACE WATER NEARBY? Y N UNK

ARE THERE ANY MONITORING WELLS ON SITE? Y N UNK

WHAT IS THE SITE WATER SOURCE: MUNICIPAL / PRIVATE WELL / UNK

CONTAMINATED SOIL EXCAVATED: Y N UNK QUANTITY: 20 cu. yds.

ABLE TO DIG OUT OF CONTAMINATION: Y N UNK DEPTH TO GROUND WATER?: > 20 ft.

GROUND WATER ENCOUNTERED?: Y N UNK DEPTH TO GROUND WATER?: unk.

FREE PRODUCT FOUND?: Y N STAINED SOILS?: Y N PETROLEUM ODORS: Y N

HIGHEST VAPOR READING: 2500 PPM. ANALYTICAL RESULTS:

NARRATIVE: Red Cont Soil encountered around the pump island during tank removal.
TABS 7237

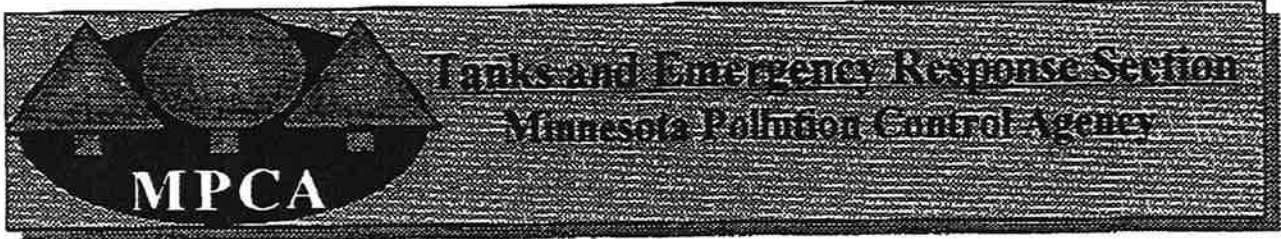
DUTY OFFICER NOTIFICATIONS MADE: (AGENCY, NAME, TIME)

MPCA TANKS, ATTN.: STACEY VAN PATTON - FAX	
<u>MPCA Reg II - fax.</u>	

ANY QUESTIONS? CONTACT THE MINNESOTA DUTY OFFICER AT 649-5451 OR 1-800-422-0798

This Space For MPCA Use Only:

MPCA PROJECT MANAGER: JAS LEAK NUMBER: 11223



RMV

APPLICATION TO THERMALLY TREAT PETROLEUM CONTAMINATED SOIL

Fact Sheet #3.16

April 1996

JUN 01 1998

RECEIVED

I. Minnesota Pollution Control Agency (MPCA) Site ID Number: LEAK# 11233

WASTE DIVISION

II. MPCA Project Manager: Jim Jocelyn

III. Source of Soil: Fleet Supply

Facility Name: Fleet Supply

Street Address: 1515 Hwy 95

City, State, Zip: Cambridge, MN 55008

Contact Name: Brad Poissant

Telephone: (612) 689-3091

IV. Date of soil excavation: 4/29/98

V. Contamination Details: 20 cubic yards of Contaminated Soil was removed

Weight of Soil (tons): (One cubic yard of soil is approximately equivalent to 1.4 tons.)
28

Type Petroleum Contamination: (circle one)

Gasoline, diesel fuel, No. 1 fuel oil, No. 2 fuel oil, kerosene, aviation gas, used oil, (hydraulic fluid, cutting oil, motor oil, quench oil).

(1)- Tank had a history of diesel use

Closed

Contaminant Concentration (parts per million)*:
ATTACH LABORATORY ANALYTICAL SHEETS

SP-1

MTBE	21.00				
Benzene	21.00				
Toluene	0.160				
Ethyl Benzene	0.161				
Xylene	2.61				
Total Lead					
Total Hydrocarbons (GRO/DRO)	DRO = 25.3 GRO = 115				
Soil Type (sand, silt, clay, etc.)	Sand				

*Note: See Tanks and Emergency Response Section fact sheet #3.22, "Soil Sample Collection and Analysis Procedures" for additional necessary analysis.

VI. Thermal Treatment Unit

Name: Earth Burners, Inc.
Address: 5910 Fremont St.

(if portable, where will plant be located)

City, State, Zip: Duluth, MN 55807

Plant Number or Model: AAM RS-15
(If portable, separation distance in feet from nearest residence(s): 300.)

Contact Name: Jim Warren Title: Office Manager
Telephone: 218 628-0454 Site Telephone: 218 628-0278
Air Quality Permit Number: 1370007-004

May 19, 1998
Date

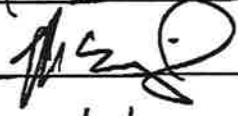
James R Warren
Signature of Authorized Thermal Treatment
Unit Representative Accepting Soil

VII. Date treatment will be completed: May June 30, 1998

VIII. Individual Submitting Request:

Company Name: Remediation Services, Inc.
 Address: 102. S. 29TH Ave W. Suite 100
 City, State, Zip: Duluth, MN 55806

Contact Name: TED FRESQUA
 Telephone: (218) 722-6013

Signature: 

Date: 5/19/98

This completed application, if confirmed by the monthly thermal treatment facility log, constitutes an acceptable soil corrective action plan. The individual submitting the request and the authorized thermal treatment unit representative certify that soil contaminant concentrations fall within the limits established in "Thermal Treatment of Petroleum Contaminated Soil" (fact sheet #33), and that the thermal treatment facility is operating in compliance with its Air Quality emission permit.

Mail to: (Project Manager)
 Minnesota Pollution Control Agency
 Hazardous Waste Division
 Tanks and Emergency Response Section
 520 Lafayette Road North
 St. Paul, Minnesota 55155-4194
 Fax No.: 612/297-8676

Upon request, this document can be made available in other formats, including Braille, large print and audio tape. TTY users call 612/282-5332 or Greater Minnesota 1-800-657-3864.

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330 SO. CLEVELAND ST.
P.O. BOX 349
CAMBRIDGE, MN 55008

MIDWEST ANALYTICAL SERVICES

LAB (612) 689-2175
METRO (612) 444-9270
FAX (612) 689-3660

MINNESOTA CERTIFIED LABORATORY
NUMBER 027-059-156



Analytical Report

May 18, 1998

Remediation Services, Inc
102 S 29th Ave. W, Suite 100
Duluth, MN 55806

Chain of Custody

Project ID: Fleet Supply-Cambridge, MN
Chain of Custody: 24756
Date Received: 5/4/98 5:32:52 PM by Jacqueline Lutgen

Sample Information

Sample ID	Description	Date	Matrix
28238	B-1 (15')	4/29/98	Soil
28239	B-2 (15')	4/29/98	Soil
28240	B-3 (15')	4/29/98	Soil
28241	B-4 (15')	4/29/98	Soil
28242	B-5 (15')	4/29/98	Soil
28243	Trip blank	4/29/98	Other
* 28244	SP-1	4/29/98	Soil

Analytical results are listed on the following page(s).

Reviewed By

Chad Holznel
Chad Holznel
Chemist

Post-It® Fax Note	7871	Date	5/19	# of pages	2
To	Ted ERSVIL	From	Shelly		
Co./Dept.	RST	Co.	MAS		
Phone #		Phone #			
Fax #		Fax #			

MIDWEST ANALYTICAL SERVICES

May 18, 1998

Page 2

COC 24756

Parameter:	MTBE	Benzene	Toluene	Ethyl Benzene	Xylenes	Total Hydrocarbons as		Percent Moisture
						GRO	DRO	
Units:	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(%)
MDL:	0.500	0.050	0.050	0.050	0.150	10.0	10.0	
28238 B-1	BDL	BDL	BDL	BDL	BDL	BDL		4.0
28239 B-2	BDL	BDL	BDL	BDL	BDL	BDL		4.2
28240 B-3	BDL	BDL	BDL	BDL	BDL	BDL		4.4
28241 B-4	BDL	BDL	BDL	BDL	BDL	BDL*		3.7
28242 B-5	BDL	BDL	BDL	BDL	0.165	BDL*	BDL*	6.4
28243 Trip Blank	BDL	BDL	BDL	BDL	BDL	BDL		
28244 SP-1	<1.00	<0.100	0.160	0.161	2.61	115	25.3	8.5

BDL = Below Detection Limit, MDL = Method Detection Limit

* = Peaks present in range but below detection limit.



For Your Farm, Home, Auto and Clothing Needs.

PCA04-2633

Handwritten initials

Thank You!

Site ID # 120011233.

I intend to proceed with the requested work.

James A. Joslyn,

Hwy. 23 & 65 S.
Box 94C
Mora, MN 55051
Phone 612-679-1548
FAX 612-679-1548

Home Office Store:
Hwy. 95 East
P.O. Box 546
Cambridge, MN 55008
Phone 612-689-3091
FAX 612-689-3311

PCA04-2632

*This entered in
the database now.
I gave the BR
to staff to make
a file.*

BR





Earth Burners INC.
PO Box 16083
Duluth, MN

**RE: Tank History
Fleet Supply
Cambridge, MN**

Dear Earth Burners,

The UST's removed from Fleet Supply where approximately 15 years old and had no history of any leaded gasoline being a content. Please call me at 722-6013 if you have any questions

A handwritten signature in black ink, appearing to read 'Ted Fresvik'. The signature is stylized and somewhat cursive.

Ted Fresvik
RSI



Minnesota Pollution Control Agency

December 2, 1998

Mr. Brad Poissant
Fleet Supply
Box 546
Cambridge, Minnesota 55233

RE: Petroleum Tank Release Site File Closure
Site: Fleet Supply, 1515 Highway 95 East, Cambridge
Site ID#: LEAK00011233

Dear Mr. Poissant:

We are pleased to let you know that the Minnesota Pollution Control Agency (MPCA) Tanks and Emergency Response Section (TERS) staff has determined that your investigation and/or cleanup has adequately addressed the petroleum tank release at the site listed above. Based on the information provided, the TERS staff has closed the release site file.

Closure of the file means that the TERS staff does not require any additional investigation and/or cleanup work at this time or in the foreseeable future. Please be aware that file closure does not necessarily mean that all petroleum contamination has been removed from this site. However, the TERS staff has concluded that any remaining contamination, if present, does not appear to pose a threat to public health or the environment.

The MPCA reserves the right to reopen this file and to require additional investigation and/or cleanup work if new information or changing regulatory requirements make additional work necessary. If you or other parties discover additional contamination (either petroleum or nonpetroleum) that was not previously reported to the MPCA, Minnesota law requires that the MPCA be immediately notified.

You should understand that this letter does not release any party from liability for the petroleum contamination under Minn. Stat. ch. 115C (Supp. 1997) or any other applicable state or federal law. In addition, this letter does not release any party from liability for nonpetroleum contamination, if present, under Minn. Stat. ch. 115B (1996), the Minnesota Superfund Law.

If future development of this property or the surrounding area is planned, it should be assumed that petroleum contamination may still be present. If petroleum contamination is encountered during future development work, the MPCA staff should be notified immediately.

520 Lafayette Rd. N.; St. Paul, MN 55155-4194; (612) 296-6300 (Voice); (612) 282-5332 (TTY)

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PCA04-2630

Mr. Brad Poissant
Page 2
December 2, 1998



For specific information regarding petroleum contamination that may remain at this leak site, please call the TERS File Request Program at 651/297-8499. The MPCA fact sheet #3.35 *Leak/Spill and Underground Storage Tank File Request Form* (April 1997) must be completed prior to arranging a time for file review.

Thank you for your response to this petroleum tank release and for your cooperation with the MPCA to protect public health and the environment. If you have any questions regarding this letter, please call me at 651/297-8607.

Sincerely,

A handwritten signature in cursive script, appearing to read "J. Joslyn".

James Joslyn

FOR

Project Manager
Environmental Communication

JAJ:lh

cc: Gordon Heitke, Administrator-Clerk, Cambridge
Tom Minar, Fire Chief, Cambridge
Joe Basta, Isanti County Solid Waste Officer
Jon Aspie, RSI, Duluth
Minnesota Department of Commerce, Petrofund Staff

PCA04-2631



Minnesota Pollution Control Agency

May 5, 1998

RECEIVED

Mr. Brad Poissant
Fleet Supply
Box 546
Cambridge, Minnesota 55008

JUL 06 1998

**MPCA, HAZARDOUS
WASTE DIVISION**

RE: Petroleum Storage Tank Release Investigation and Corrective Action
Site: Fleet Supply, 1515 Highway 95 East, Cambridge
Site ID#: LEAK00011233

Dear Mr. Poissant:

Notice of Release

The Minnesota Pollution Control Agency (MPCA) has been informed that a release of petroleum has occurred from storage tank facilities which you own and/or operate. We appreciate your timely notification so this site can be handled in an efficient manner.

Legal Obligations

Federal and state laws require that persons legally responsible for storage tank releases notify the MPCA of the release, investigate the release and, if necessary, clean up the release. A person is considered legally responsible for a tank release if the person owned or operated the tank either during or after the release, unless specifically exempted under the law. If you believe that you are not legally responsible for this storage tank release, please contact the project manager listed below.

If you are not legally responsible for the release, but hold legal or equitable title to the property where the release occurred, you may volunteer to take corrective action. Responsible persons and volunteers who take corrective action may be eligible for reimbursement for a major portion of the costs of corrective action. The legislature has established the Petroleum Tank Release Cleanup Account to reimburse responsible persons and volunteers. The account is administered by the Petro Board which is part of the Minnesota Department of Commerce. Final decisions regarding the amount of reimbursement are made by the Petro Board. All questions about eligibility and reimbursement should be directed to the Petrofund staff at 612/297-1119 or 612/297-4203.

Request to Take Corrective Action

The MPCA staff requests that you take steps to investigate and, if necessary, clean up the release in accordance with the enclosed MPCA fact sheets. The site investigation must fully define the extent and magnitude of the soil and/or ground water contamination caused by the release. A report (excavation report and/or remedial investigation/corrective action design (RI/CAD)) which details the results of the investigation or concludes that excavation was sufficient to clean up the release must be submitted to this office within 10 months of the date of this letter. Please refer to MPCA fact sheets for information pertaining to the amount of work needed at the petroleum release site(s).

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PCA04-2634

Mr. Brad Poissant
Page 2
May 5, 1998

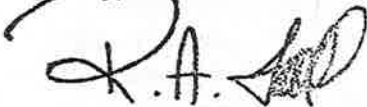
Sites with free product (free-floating petroleum), drinking water supply impacts, surface water impacts, indoor vapor impacts, fire or explosion hazards, or ground water impacts which pose a significant threat to public health or the environment, are considered high priority for staff review. If one or more of these situations apply to your site, an RI/CAD report must be submitted within 90 days. In addition, if you know or discover that there is free-product from a well, excavation, or borehole, you must notify the MPCA within 24 hours and IMMEDIATELY begin interim free product recovery.

If you have not already done so, the MPCA recommends that you hire a qualified consulting firm registered with the Petrofund staff that has experience in conducting petroleum release site investigations and in proposing and implementing appropriate corrective actions. A list of registered contractors and consultants is available from the Petrofund staff. The MPCA reserves the right to reject proposed corrective actions if the requirements of the site investigation have not been fulfilled. Please note that, under Minn. R. 2890, you must solicit a minimum of two competitive proposals on a form prescribed by the Petro Board to ensure that the consulting costs are reasonable. Questions about bidding requirements should be directed to Petrofund staff.

Required Response

MPCA staff requests a response to this letter within 30 days. Please tell us whether you intend to proceed with the requested work. If you do not respond within this time frame, the MPCA staff will assume that you do not intend to comply, in which case the MPCA Commissioner may order you to take corrective action. Failure to cooperate with the MPCA in a timely manner may result in reduced reimbursement from the Petro Board. See Minn. R. 2890. The enclosed fact sheets will provide you with the information necessary to complete a successful investigation and cleanup. If you have any questions concerning this letter or need additional information, please contact me at 612/297-8607. If you are calling long distance, you may reach the MPCA St. Paul office by calling 1/800-657-3864. Please reference the above LEAK # in all correspondence.

Sincerely,



James A. Joslyn
Project Manager
Cleanup Unit I
Tanks and Emergency Response Section

JAJ:raf

Enclosures

cc: Gordon Heitke, City Clerk, Cambridge
Tom Minar, Fire Chief, Cambridge
Joe Basta, Isanti County Solid Waste Officer
Ted Freswik, Remediation Services

PCA04-2635



Minnesota Pollution Control Agency

May 5, 1998

Mr. Brad Poissant
Fleet Supply
Box 546
Cambridge, Minnesota 55008

RE: Petroleum Storage Tank Release Investigation and Corrective Action
Site: Fleet Supply, 1515 Highway 95 East, Cambridge
Site ID#: LEAK00011233

Dear Mr. Poissant:

Notice of Release

The Minnesota Pollution Control Agency (MPCA) has been informed that a release of petroleum has occurred from storage tank facilities which you own and/or operate. We appreciate your timely notification so this site can be handled in an efficient manner.

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PCA04-2636

Mr. Brad Poissant

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May 5, 1998

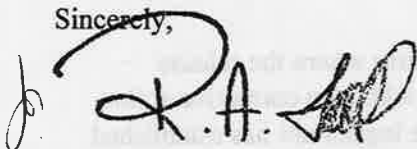
Sites with free product (free-floating petroleum), drinking water supply impacts, surface water impacts, indoor vapor impacts, fire or explosion hazards, or ground water impacts which pose a significant threat to public health or the environment, are considered high priority for staff review. If one or more of these situations apply to your site, an RI/CAD report must be submitted within 90 days. In addition, if you know or discover that there is free-product from a well, excavation, or borehole, you must notify the MPCA within 24 hours and IMMEDIATELY begin interim free product recovery.

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Required Response

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Sincerely,



James A. Joslyn
Project Manager
Cleanup Unit I
Tanks and Emergency Response Section

JAJ:raf

Enclosures

cc: Gordon Heitke, City Clerk, Cambridge
Tom Minar, Fire Chief, Cambridge
Joe Basta, Isanti County Solid Waste Officer
Ted Freswik, Remediation Services

PCA04-2637

EXCAVATION REPORT

***FLEET SUPPLY
1515 HWY 95
CAMBRIDGE, MN 55008***

MPCA LEAK # 11233

**PREPARED FOR:
MR. BRAD POISSANT
PO BOX 546
CAMBRIDGE, MN 55008**

25-2077
20-10 →
60-72 →
→

**PREPARED BY:
REMEDICATION SERVICES, INC.
102 SOUTH 29TH AVENUE WEST, SUITE 100
DULUTH, MN 55806**

MAY 1998



**Tanks and Emergency Response Section
Minnesota Pollution Control Agency**

EXCAVATION REPORT WORKSHEET FOR PETROLEUM RELEASE SITES

Fact Sheet #3.7
April 1997

Complete the information below and submit to the Minnesota Pollution Control Agency (MPCA) Tanks and Emergency Response Section to document excavation and treatment of petroleum contaminated soil. Conduct excavations in accordance with "Excavation of Petroleum Contaminated Soil" (fact sheet #3.6). Please attach any available preliminary site investigation reports to this excavation report.

Attach additional pages if necessary. Please type or print clearly.

The excavation reporting deadline is 10 months from the date of receipt of the standard letter. A shorter deadline may be established by MPCA staff for high priority sites.

PART I: BACKGROUND

A. Site: Fleet Supply

Street: 1515 Hwy 95
City, Zip: Cambridge, 55008
County: Isanti

MPCA Leak # 11233

B. Tank Owner/Operator

Brad Poissant

Mailing Address:

Street/Box: PO Box 546
City, Zip: Cambridge, 55008
Telephone: (612) 689-3091

C. Excavating Contractor

Walter E. Olson & Sons Inc.

Contact: Dick Olson
Telephone: (612) 689-2558
Tank Contractor Certification #: 3214

D. Consultant:

Remediation Services, Inc.

Contact: Robert J. Maslowski
Street/Box: 102 S 29th Ave W, Ste. 100
City, Zip: Duluth, MN 55806
Telephone: (218) 722-6013

E. Others on-site during site work (e.g., fire marshal, local officials, MPCA staff, etc):
None

PART II: DATES

- A. Date release reported to MPCA: 4/29/1998
- B. Dates site work performed (tanks removed, soil excavation, soil borings, etc.):

Work Performed	Date
<u>(2) 11,000 gallon and (1) 6000 gallon UST's removed</u>	<u>4/29/1998</u>
<u>20 cubic yards of contaminated soil excavated</u>	<u>4/29/1998</u>

PART III: SITE AND RELEASE INFORMATION

- A. Describe the land use and pertinent geographic features within 1000 feet of the site. (i.e., residential property, industrial, wetlands, etc.)

This site is located in a mainly business/industrial area in Cambridge.

- B. Provide the following information for all tanks at the site at the time of the release:

Tank #	UST or AST	Capacity (gallons)	Contents (product type)	Age	Status*	Condition of Tank
1	UST	11,000	Gasoline	15 yrs	Removed 4/29/1998	Good
2	UST	11,000	Gasoline	15 yrs	Removed 4/29/1998	Good
3	UST	6,000	Gasoline	15 yrs	Removed 4/29/1998	Good

*Indicate: *removed (date), abandoned in place (date), or currently used*

- C. Describe the status of the other components of the tank system(s), (i.e., piping and dispensers) for those tanks listed above.

Dispensers and associated piping was removed on 4/29/1998.

- D. Identify and describe the source or suspected source(s) of the release and how the release was discovered.

Surface spilling could have been the source of contamination based on areas of surface contamination near the dispenser and pump areas.

- E. What was the volume of the release? (if known): Unknown gallons

- F. When did the release occur? (if known): Unknown

- G. Describe source of on-site drinking water: Municipal Water

PART IV: EXCAVATION INFORMATION

- A. **Dimensions of excavation: Length** 50' **Width** 39' **Depth** 12-15'
- B. **Original tank backfill material (sand, gravel, etc.):** Sand
- C. **Native soil type (clay, sand, etc.):** Sand
- D. **Quantity of contaminated soil removed for treatment (cubic yards):** 20
[Note: If more than 150cy removed, please attach copy of written approval from MPCA.]
- E. **Were new tanks installed at the site? Yes** **If yes, how much soil was excavated to accommodate the installation of the new tanks?** 0 cubic yards were removed to accommodate the new tanks. New tanks where installed at a different location on site, and no contamination was found.
- F. **Was ground water encountered or a suspected perched water layer or was there evidence of a seasonally high ground water table (i.e. mottling)? (Yes ___ No X)**
At what depth? _____
- G. **If ground water was not encountered during the excavation, what is the expected depth of ground water?** No
- H. **If a soil boring was required (additional investigation is required at sites that have visual or other evidence of contamination remaining in the suspected source area, with sandy or silty sand soil [Unified Soil Classification System/American Society for Testing Materials] and where the water table is within 25 feet of the ground surface. See fact sheet #3.6 "Excavation of Petroleum Contaminated Soil," Part VI Additional Investigation) describe the soil screening and analytical results. Attach the boring logs and laboratory results to this report.**
None Required
- I. **If no soil boring was required, explain.**
Contaminated soil encountered in the tank basin was removed, and hydrocarbon concentrations in soil remaining in the base of the tank basin were less than MPCA action levels.
- J. **If ground water was encountered or if a soil boring was conducted, was there evidence of ground water contamination? (Yes/No) Describe this evidence of contamination, e.g., free product (specify thickness), product sheen, ground water in contact with petroleum contaminated soil, water analytical results, etc.**
No
- [NOTE: If free product was observed, contact MPCA staff immediately as outlined in fact sheet #3.3 "Free Product: Evaluation and Recovery"].
- K. **Was bedrock encountered in the excavation? No** **At what depth?**

L. Were other unique conditions associated with this site? No If so, explain.

PART V: SAMPLING INFORMATION

A. Briefly describe the field screening methods used to distinguish contaminated from uncontaminated soil:

Contaminated soils were identified and segregated using a MicroTIP PID (Model MP-1000) with a 10.6 eV lamp. The unit was calibrated with a factory recommended span gas (100ppm isobutylene). Soils were considered contaminated if PID readings exceeded 10 ppm, or exhibited petroleum staining or odor.

Soil testing methods followed "Field Screening Procedure" (MPCA Fact Sheet 3.22).

Sampling frequency followed "Excavation of Petroleum Contaminated Soil" (MPCA Fact Sheet 3.6, part III).

- B. List all soil vapor headspace analysis results. Indicate all sampling locations using sample codes (with sampling depths in parentheses), e.g. R-1 (2 feet), R-2 (10 feet), etc. "R" stands for "removed." Samples collected at different depths at the same location should be labeled R-1A (2 feet), R-1B (4 feet), R-1C (6 feet), etc. If the sample was collected from the sidewall or bottom after excavation was complete, label it S-1 (for sidewall) or B-1 (for "bottom"). Be sure the sample codes correspond with the site map required in part VI, below.**

Sample Code	Soil Type	Reading (ppm)	Sample Code	Soil Type	Reading (ppm)
D-1 (2')	(SP)fine sand	2426	R-13 (7')	(SP)fine sand	0.0
D-2 (2')	(SP)fine sand	227	R-14 (5')	(SP)fine sand	0.0
D-3 (2')	(SP)fine sand	645	R-15 (5')	(SP)fine sand	0.0
R-1 (4')	(SP)fine sand	0.0	B-1 (15')	(SP)fine sand	0.0
R-2 (4')	(SP)fine sand	0.0	B-2 (15')	(SP)fine sand	0.0
R-3 (5')	(SP)fine sand	0.0	R-16 (8')	(SP)fine sand	0.0
R-4 (6')	(SP)fine sand	0.0	R-17 (10')	(SP)fine sand	0.0
R-5 (7')	(SP)fine sand	0.0	R-18 (12')	(SP)fine sand	0.0
D-4 (2')	(SP)fine sand	6.5	R-19 (4')	(SP)fine sand	0.0
D-5 (3')	(SP)fine sand	366	R-20 (3')	(SP)fine sand	0.0
D-6 (3')	(SP)fine sand	112	R-21 (5')	(SP)fine sand	0.0
D-7 (3')	(SP)fine sand	1700	R-22 (7')	(SP)fine sand	0.0
D-8 (3')	(SP)fine sand	770	R-23 (10')	(SP)fine sand	0.0
D-9 (3')	(SP)fine sand	0.0	R-24 (10')	(SP)fine sand	0.0
R-6 (2')	(SP)fine sand	0.0	R-25 (12')	(SP)fine sand	0.0
R-7 (3')	(SP)fine sand	0.0	R-26 (10')	(SP)fine sand	0.0
R-8 (3')	(SP)fine sand	6.8	R-27 (10')	(SP)fine sand	0.0
R-9 (3')	(SP)fine sand	7500	R-28 (10')	(SP)fine sand	0.0
R-10 (3')	(SP)fine sand	2500	R-29 (10')	(SP)fine sand	0.0
R-11 (3')	(SP)fine sand	0.0	R-30 (9')	(SP)fine sand	0.0
R-12(10')	(SP)fine sand	0.0			

- C. Was the "removed soil" placed back into the excavation basin? Yes ___ No X
If no, please complete Part VIII: Soil Treatment Information section. If yes, a Limited Site Investigation is necessary (see fact sheet #3.19, "Soil and Ground Water Investigations Performed During Remedial Investigations").

- D. Briefly describe the soil analytical sampling and handling procedures used:

Grab samples were taken from previously unexposed native soils, placed into laboratory approved containers, preserved, and analyzed, in a laboratory in accordance with MPCA guidelines.

Sampling tools were cleaned between all sampling points and new disposable gloves were used for each sample collected. Care was taken to insure that correct sample temperature was maintained and that appropriate holding times were adhered to.

- E. List below all soil sample analytical results from bottom and sidewall samples (i.e., soils left in place when excavation is complete). Code the samples with sampling depths in parentheses as follows: sidewall samples S-1 (8 feet), S-2 (4 feet), etc.; bottom samples B-1 (13 feet), B-2 (14 feet), etc. Be sure the sample codes correspond to the site map required in part VI. Do not include analyses from the stockpiled soils.

Sample Code	GRO/DRO	Benzene	Ethyl-benzene (ppm)	Toluene (ppm)	Xylene (ppm)	MTBE (ppm)
B-1 (15')	<10.0	<0.050	<0.050	<0.050	<0.150	<.500
B-2 (15')	<10.0	<0.050	<0.050	<0.050	<0.150	<.500
B-3 (15')	<10.0	<0.050	<0.050	<0.050	<0.150	<.500
B-4 (15')	<10.0	<0.050	<0.050	<0.050	<0.150	<.500
B-5 (12')	<10.0 GRO	<0.050	<0.050	<0.050	<0.150	<.500
	<10.0 DRO					

NOTE: ATTACH COPIES OF LABORATORY REPORTS AND CHAIN OF CUSTODY FORMS

PART VI: FIGURES

Attach the following figures to this report:

1. Site location map.
2. Site map(s) drawn to scale illustrating the following:
 - a. Location (or former location) of all present and former tanks, lines, and dispensers;
 - b. Location of other structures (buildings, canopies, etc.);
 - c. Adjacent city, township, or county roadways;
 - d. Final extent and depth of excavation;
 - e. Location of soil screening samples (e.g. R-1), soil analytical samples (e.g., S-1 or B-1), (e.g. SB-1). Also, attach all boring logs.
 - f. North arrow, bar scale and map legend.
 - g. Provide location of any on-site water wells. If on-site water wells exist please provide well logs and/or construction diagrams.

PART VII: SUMMARY

Briefly summarize evidence indicating whether additional investigation is necessary at the site, as discussed in parts VI and VII of "Excavation of Petroleum Contaminated Soil" (fact sheet #3.6). If no further action is recommended, the MPCA staff will review this report following notification of soil treatment.

RSI recommends no further work in response to the hydrocarbons encountered around the dispenser and pump areas of the three UST's removed on April 29, 1998. Approximately 20 cubic yards of impacted soil were removed. Hydrocarbons concentrations in soil remaining in place were less than action limits, and groundwater was not encountered during the tank removal or excavation activities.

PART VIII: SOIL TREATMENT INFORMATION

- A. Soil treatment method used (thermal, land application, composting, other). If you choose "other" specify treatment method: Thermal Treatment
- B. Location of treatment site/facility: Earth Burners Duluth, MN
- C. Date MPCA approved soil treatment (if thermal treatment was used after May 1, 1991, indicate date that the MPCA permitted thermal treatment facility agreed to accept soil):
5/19/98
- D. Identify the location of stockpiled contaminated soil: Fleet Supply- Cambridge

PART IX: CONSULTANT (OR OTHER) PREPARING THIS REPORT

By signing this document, I/we acknowledge that we are submitting this document on behalf of and as agents of the responsible person or volunteer for this leaksite. I/we acknowledge that if information in this document is inaccurate or incomplete, it will delay the completion of remediation and may harm the environment and may result in reduction of reimbursement awards. In addition, I/we acknowledge on behalf of the responsible person or volunteer for this leaksite that if this document is determined to contain a false material statement, representation, or certification, or if it omits material information, the responsible person or volunteer may be found to be in violation of Minn. Stat. § 115.075 (1994) or Minn. Rules 7000.0300 (Duty of Candor), and that the responsible person or volunteer may be liable for civil penalties.

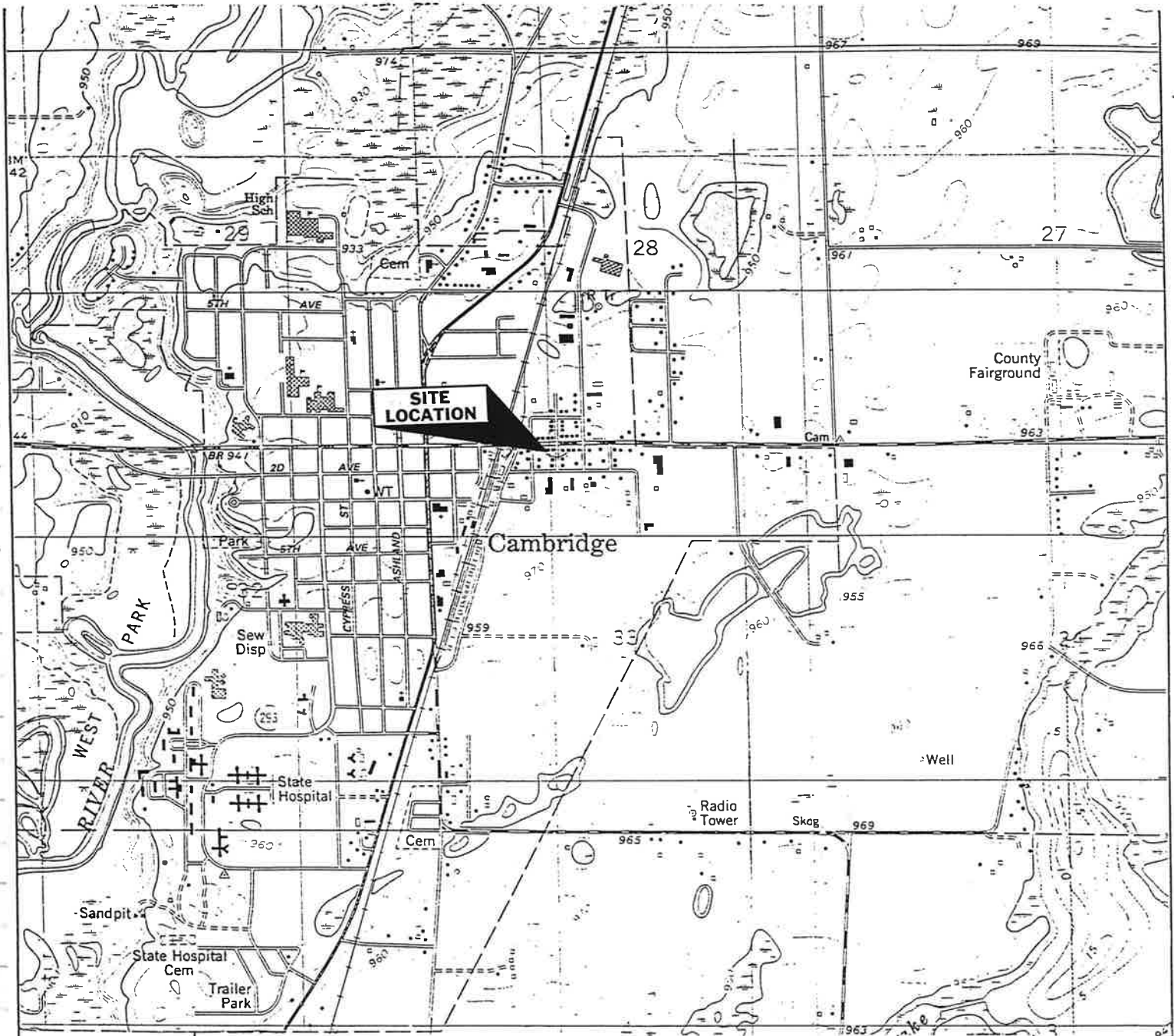
Name and Title:	Signature:	Date signed:
<u>Theodore Fresvik</u> Environmental Specialist		<u>5/23/98</u>

**Remediation Services, Inc.
102 South 29th Avenue West, Suite 100
Duluth, MN 55806
(218) 722-6013**

If additional investigation is not required at the site, please mail this form and all necessary attachments to:

James Joslyn
Minnesota Pollution Control Agency
Hazardous Waste Division
Tanks and Emergency Response Section
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

If additional investigation is required at the site, include this form as an appendix to the "Remedial Investigation Report Form." **Excavation reports indicating a limited site investigation (LSI) is necessary will not be reviewed by MPCA staff until the LSI has been completed.**

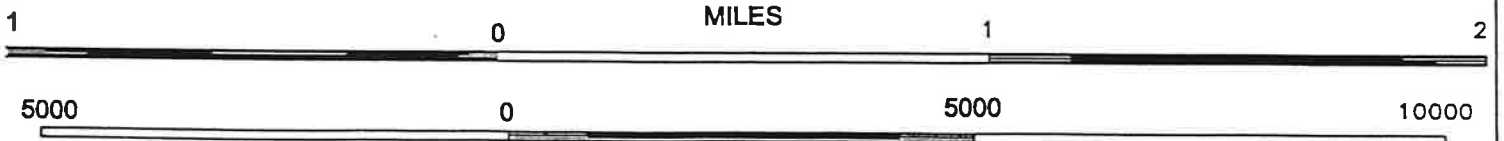


RSI

ENVIRONMENTAL CONSULTANTS

FIGURE 1 – SITE LOCATION MAP

FLEET SUPPLY – CAMBRIDGE



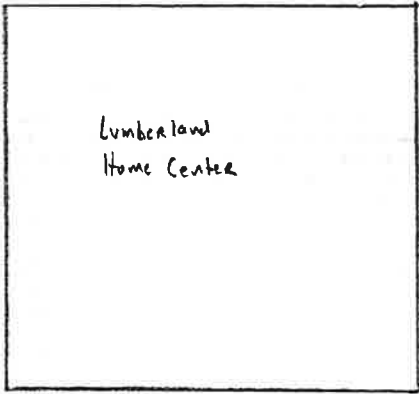
CONTOUR INTERVAL 10 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

Fig 2A Fleet Supply
Cambridge, MN



0' 1"=60' 60'

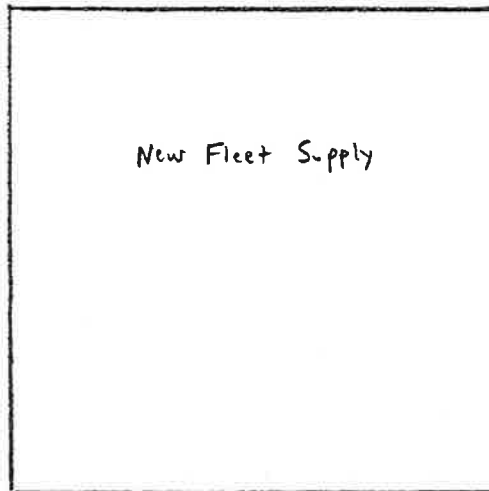
May 95



← Approximate Tank Excavation Area

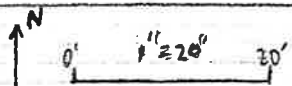


← Approximate Location of
New UST'S



May 95

Fig 2B Site Map
Fleet Supply
Cambridge, MN

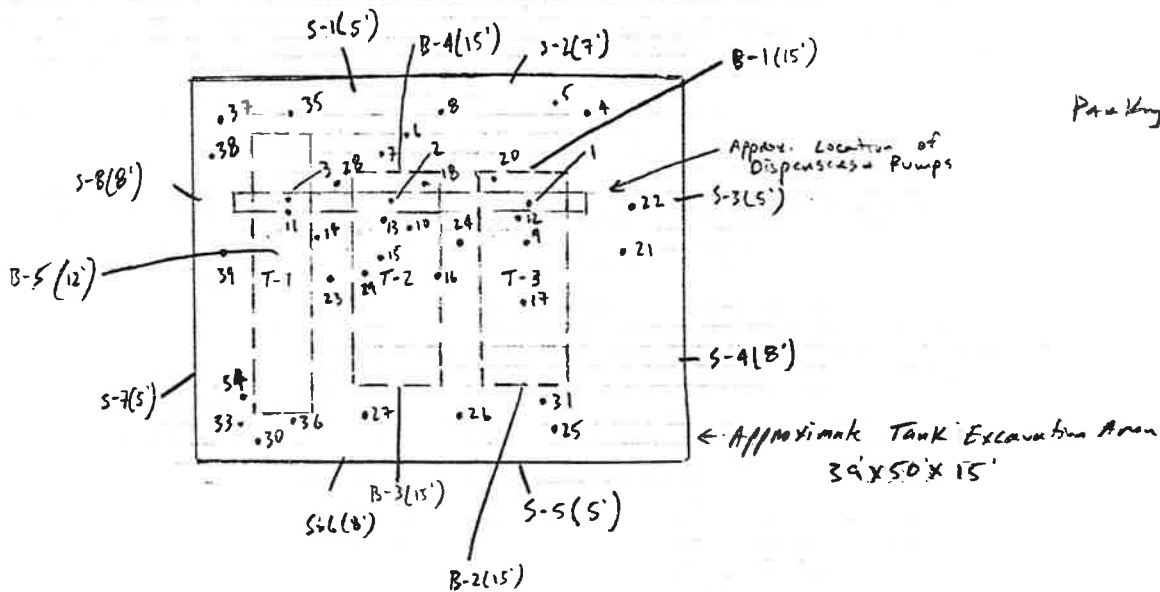


□ - sign

□ - sign

Parking Lot

Parking Lot



Parking Lot

330 SO. CLEVELAND ST.
P.O. BOX 349
CAMBRIDGE, MN 55008



MIDWEST ANALYTICAL SERVICES

MINNESOTA CERTIFIED LABORATORY
NUMBER 027-059-156

LAB
METRO
FAX

(612) 689-2175
(612) 444-9270
(612) 689-3660

Analytical Report

May 18, 1998

Remediation Services, Inc
102 S 29th Ave. W, Suite 100
Duluth, MN 55806

Chain of Custody

Project ID: Fleet Supply-Cambridge, MN

Chain of Custody: 24756

Date Received: 5/4/98 5:32:52 PM by Jacqueline Lutgen

Sample Information

SampleID	Description	Date	Matrix
28238	B-1 (15')	4/29/98	Soil
28239	B-2 (15')	4/29/98	Soil
28240	B-3 (15')	4/29/98	Soil
28241	B-4 (15')	4/29/98	Soil
28242	B-5 (15')	4/29/98	Soil
28243	Trip blank	4/29/98	Other
28244	SP-1	4/29/98	Soil

Analytical results are listed on the following page(s).

Reviewed By

Chad Holznel
Chemist

PCA04-2624

MIDWEST ANALYTICAL SERVICES

May 18, 1998

Page 2

COC 24756

Parameter:	MTBE	Benzene	Toluene	Ethyl Benzene	Xylenes	Total Hydrocarbons as		Percent Moisture
						GRO	DRO	
Units:	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(%)
MDL:	0.500	0.050	0.050	0.050	0.150	10.0	10.0	
28238 B-1	BDL	BDL	BDL	BDL	BDL	BDL		4.0
28239 B-2	BDL	BDL	BDL	BDL	BDL	BDL		4.2
28240 B-3	BDL	BDL	BDL	BDL	BDL	BDL		4.4
28241 B-4	BDL	BDL	BDL	BDL	BDL	BDL*		3.7
28242 B-5	BDL	BDL	BDL	BDL	0.165	BDL*	BDL*	6.4
28243 Trip Blank	BDL	BDL	BDL	BDL	BDL	BDL		
28244 SP-1	<1.00	<0.100	0.160	0.161	2.61	115	25.3	8.5

BDL = Below Detection Limit, MDL = Method Detection Limit

* = Peaks present in range but below detection limit.



Tanks and Emergency Response Section
Minnesota Pollution Control Agency

APPLICATION TO THERMALLY TREAT PETROLEUM
CONTAMINATED SOIL

Fact Sheet #3.16

April 1996

I. Minnesota Pollution Control Agency (MPCA) Site ID Number: LEAK# 11233

II. MPCA Project Manager: Jim Joslyn

III. Source of Soil: Fleet Supply

Facility Name: Fleet Supply

Street Address: 1515 Hwy 95

City, State, Zip: Cambridge, MN 55008

Contact Name: Brad Poissant

Telephone: (612) 689-3091

IV. Date of soil excavation: 4/29/98

V. Contamination Details: 20 cubic yards of contaminated soil was removed

Weight of Soil (tons): (One cubic yard of soil is approximately equivalent to 1.4 tons.)
28

Type Petroleum Contamination: (circle one)

Gasoline, diesel fuel, No. 1 fuel oil, No. 2 fuel oil, kerosene, aviation gas, used oil, (hydraulic fluid, cutting oil, motor oil, quench oil).

(1) - Tank had a history of diesel use

Contaminant Concentration (parts per million)*:
ATTACH LABORATORY ANALYTICAL SHEETS

SP-1

MTBE	<1.00				
Benzene	21.00				
Toluene	0.160				
Ethyl Benzene	0.161				
Xylene	2.61				
Total Lead					
Total Hydrocarbons (GRO/DRO)	DRO = 25.3 GRO = 115				
Soil Type (sand, silt, clay, etc.)	Sand				

*Note: See Tanks and Emergency Response Section sheet #3.22, "Soil Sample Collection and Analysis Procedures" for additional necessary analysis.

VI. Thermal Treatment Unit

Name: Earth Burners, Inc.
Address: 5910 Fremont St.

(if portable, where will plant be located)

City, State, Zip: Duluth, MN 55807

Plant Number or Model: AAM RS-15
(If portable, separation distance in feet from nearest residence(s): 300)

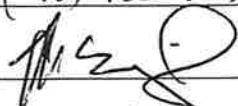
Contact Name: Jim Warren Title: Office Manager
Telephone: 218 628-0454 Site Telephone: 218 628-0218
Air Quality Permit Number: 1370007-004

May 19, 1998
Date

James R. Warren
Signature of Authorized Thermal Treatment Unit Representative Accepting Soil

VII. Date treatment will be completed: May June 30, 1998

VIII. Individual Submitting Request:

Company Name: Remediation Services, Inc.
Address: 102. S. 29th Ave W. Suite 100
City, State, Zip: Duluth, MN 55806
Contact Name: TED FRESQUIE
Telephone: (218) 722-6013
Signature: 
Date: 5/19/98

This completed application, if confirmed by the monthly thermal treatment facility log, constitutes an acceptable soil corrective action plan. The individual submitting the request and the authorized thermal treatment unit representative certify that soil contaminant concentrations fall within the limits established in "Thermal Treatment of Petroleum Contaminated Soil" (fact sheet #33), and that the thermal treatment facility is operating in compliance with its Air Quality emission permit.

Mail to: (Project Manager)
Minnesota Pollution Control Agency
Hazardous Waste Division
Tanks and Emergency Response Section
520 Lafayette Road North
St. Paul, Minnesota 55155-4194
Fax No.: 612/297-8676

Upon request, this document can be made available in other formats, including Braille, large print and audio tape. TTY users call 612/282-5332 or Greater Minnesota 1-800-657-3864.

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JUN 07 1998

MPCA, HAZARDOUS
WASTE DIVISION

March 28, 1998

Mr. Brad Poissant
Fleet Supply
PO Box 546
Cambridge, MN 55008

**RE: Excavation Report/Request for Closure
Fleet Supply
1515 Hwy 95, Cambridge, MN 55008
Site ID No. Leak #00011233**

Dear Mr. Poissant:

Remediation Services, Inc. (RSI) has completed its services for this project. The scope of the project was to observe the removal of two (2) 11,000 gallon and one (1) 6,000 gallon gasoline Underground Storage Tanks (UST's) from the site, and to assess the tank system for evidence of a release.

Based on field observations and laboratory analytical results of soils collected from the excavation, a release of petroleum did occur from the UST's. RSI directed the removal of 20 cubic yards of contaminated soil. Hydrocarbon concentrations in the soil samples collected from the base of the excavation were less than action levels, therefore closure is recommended. A copy of this report will be sent to Project Manager with the Minnesota Pollution Control Agency (MPCA) in Duluth, MN.

Thank you for allowing RSI to be of service to you. If you have any questions on any aspect of the project, please call me at (218) 722-6013.

Sincerely,

REMEDICATION SERVICES, INC.


TED E. FRESVIK
Environmental Specialist

TEF:lmr
enclosures

cc: Mr. Jim Joslyn-MPCA/St. Paul, MN

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PCA04-2629