

MINNESOTA POLLUTION CONTROL AGENCY
TANKS AND SPILLS SECTION
PROPERTY TRANSFER /NON-TANK PETROLEUM RELEASE

SITE ID# 7615 / PT 1031
Spill 17387

PROJECT MANAGER: Lmk

Report Taken By: Date/Time Reported: 2/2/93 Date/Time Discovered:

CALLER
Name:
Phone:
Relationship to Site:

REQUESTING PARTY
Name:
Street:
City: Zip:
Contact Person:
Phone:

SITE
Name: WasteCo, Inc.
Street: 95 W. Ivy
City: St. Paul Zip: 55117
County: Ramsey Region: m

BILLING PARTY (If different from Requestor)
Name:
Street:
City: Zip:
Contact Person:
Phone:

SITUATION
Material released/Amount:

Source Of Release:

Release Discovery:

COMMENTS/SERVICE REQUESTED:

RESPONSIBLE PARTY/VOLUNTEER (If different from Requestor)

Name: Electro-Plating Engr.
Street: 45 West Ivy
City: St. Paul Zip: 55117
Contact Person: Russell Suderth, Jr.
Phone Number: (612) 222-6321

SOIL

Contaminated Soil Excavated:

Was it a total excavation:

Vapor Readings:

Soil Samples:

Borings:

Native Soil Type:

Stockpiled properly/disposal arranged:

Other:

WATER

Groundwater in Excavation:

Free Product present:

Depth to Groundwater:

City Water/wells private/municipal

Surface Water:

VAPORS

Sewers/buildings:

SITE INFORMATION

Description of area:

Previous release(s):

OTHER RELATEDS INFORMATION

TS-PT # 1031

MINNESOTA POLLUTION CONTROL AGENCY
TANKS AND SPILLS SECTION
PROPERTY TRANSFER TECHNICAL ASSISTANCE PROGRAM

REQUEST FOR TECHNICAL ASSISTANCE
AND AUTHORIZATION TO BILL COSTS TO REQUESTING PARTY

This form is to be used when requesting the Minnesota Pollution Control Agency (MPCA) Tanks and Spills Section, Property Transfer Technical Assistance (PTTA) staff to provide technical assistance pursuant to Minn. Stat. 115C.03, subd. 9 (1992).

I hereby request the MPCA PTTA staff to provide services in the form of analyzing reports which I or my agent submit to the MPCA for review regarding the site located at:

292-8355

CC:

Site Name and Address: Wasteco, Inc., 95 West Ivy
City or Township: St. Paul State: MN Zip: 55117
MPCA Leak Site ID# (if applicable): _____

I understand that I will be billed for these services at the rate of \$50.00 per hour and that I am required by Minn. Stat. § 115C.03, subd. 9 (1990) to reimburse the MPCA for the agency's costs, as determined by the MPCA Commissioner. I further understand that legal or administrative action may be initiated against me by the State of Minnesota if I do not reimburse the MPCA.

Felhaber
Loren
Law Firm
Mn World
Trade Ctr
30 E Trust
St Paul
55101

CC:

NAME: Russell J. Sudeith, Jr. TITLE: Attorney

BUSINESS NAME: Electro-Plating Engineering Co., Inc.

ADDRESS (for billing purposes): 45 West Ivy

CITY: St. Paul STATE: Minnesota ZIP: 55117

DAYTIME TELEPHONE: (612) 222-6321

SIGNATURE: [Signature] DATE: May 3, 1994

PRINTED NAME: Russell J. Sudeith, Jr.

PROPERTY OWNER (if different than above): _____

BUSINESS NAME: Kenneth J. Johnson

ADDRESS: 6 Aspen Lane, North Oaks, MN 55127

TELEPHONE: 482-8313

If you have any questions about the services offered by the MPCA PTTA Program or this application, please contact David Tetley at 612/297-8579 or 1-800-657-3864. This application can be made available in other formats including Braille, large print and audio tape. TDD: 612/297-5353 or 1-800-637-3529.

Please mail the completed form to:

Fax number: 612/297-8676

David A. Tetley
Tanks and Spills Section
Minnesota Pollution Control Agency
520 Lafayette Road
St. Paul, Minnesota 55155

TS-PT # 1031

Saint Paul Office
2100 MINNESOTA WORLD TRADE CENTER
30 EAST SEVENTH STREET
SAINT PAUL, MINNESOTA 55101-4901
612 222-6321 FACSIMILE 612 222-8905



A PROFESSIONAL ASSOCIATION OF ATTORNEYS AT LAW

Minneapolis Office
4200 FIRST BANK PLACE
601 SECOND AVENUE SOUTH
MINNEAPOLIS, MINNESOTA 55402-4302
612 339-6321 FACSIMILE 612 338-0535

Russell J. Sudeith, Jr.

May 3, 1994

TRANSMITTED VIA TELEFACSIMILE
(297-8676)

Ms. Laurie Kania
Minnesota Pollution Control Agency
520 Lafayette Road
St. Paul, Minnesota 55155

RE: Electro-Plating Engineering Co., Inc.
Our File No. 8791/008
Wasteco, Inc.

Dear Ms. Kania:

Hereby transmitted to you is a Request for Technical Assistance and Authorization to Bill Costs to Requesting Party. As you know, my client, Electro-Plating Engineering Co., Inc., intends to purchase the site on which the release occurred. Our client wishes to obtain a "closure letter" from your agency. Would you kindly provide such a letter.

Also transmitted to you is the Excavation Report Worksheet for Petroleum Release Sites prepared by Bay West, Inc.

As I also informed you, Kevin Faus of your agency is fully familiar with this project and has the documents concerning this matter.

Lastly, would you kindly provide us with an estimate of the cost for issuing the requested letter.

Thank you in advance for your attention to this matter.

Yours very truly,



Russell J. Sudeith, Jr.

drs
cc John A. Hoffner
Enclosures

**js2490.ltr

*Celebrating 50 Years
of Service to Our Clients*



Minnesota Pollution Control Agency

PROPERTY TRANSFER TECHNICAL ASSISTANCE INVOICE

Mr. Russel J. Sudeith, Jr.
Electro-Plating Engineering Company, Inc.
45 West Ivy
St. Paul, Minnesota 55117

INVOICE NUMBER: 95-0068TA
INVOICE DATE: August 2, 1994
PAYMENT DUE: September 2, 1994
YOUR REQUEST DATED: May 3, 1994

Questions/Information: Laurie M. Kania, 612/297-8600

<u>Quantity</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
4.0 Hours	Technical Assistance Reimbursement Request for LEAK7615, Wasteco, Inc., St. Paul TS-PT#1031	\$50.00	\$200.00
	Minn. State Sales Tax (6.5%)		N/A
	TOTAL		\$200.00

(KEEP THIS PORTION FOR YOUR RECORDS)

AUTHORIZED SIGNATURE

cc: Sandy Hager, Fiscal Services, Administrative Services Division

(RETURN THIS PORTION WITH YOUR CHECK)

Mr. Russel J. Sudeith, Jr.
Electro-Plating Engineering Company, Inc.
45 West Ivy
St. Paul, Minnesota 55117

INVOICE NUMBER: 95-0068TA
INVOICE DATE: August 2, 1994
PAYMENT DUE: September 2, 1994
SUBTOTAL: \$200.00
MN SALES TAX (6.5%) N/A

TOTAL: \$200.00

MAKE CHECK PAYABLE TO: MINNESOTA POLLUTION CONTROL AGENCY

MAIL TO: MS. SANDRA HAGAR
MPCA - FISCAL SERVICES
520 LAFAYETTE ROAD NORTH
ST. PAUL, MN 55155-4194

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

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Minnesota Pollution Control Agency

June 14, 1994

Mr. Russel Sudeith, Jr.
2100 Minnesota World Trade Center
30 East Seventh Street
St. Paul, Minnesota 55101

Re: Petroleum Release Investigation
Site: WASTEKO, Inc., 95 West Ivy Avenue, St. Paul, Ramsey County
Site ID#: SPILL17387
Property Transfer ID#: TS-PT1031

Dear Mr. Sudeith:

Minnesota Pollution Control Agency (MPCA) Tanks and Spills Section (T&S) Property Transfer Technical Assistance program staff has reviewed the Excavation Report Worksheet prepared by staff of Bay West, Inc. (Bay West) dated October 19, 1993, regarding the above referenced site.

Reported soil vapor jar headspace readings exceeded the MPCA action level for diesel fuel contaminated soil, and ground water is known to be located within 25 feet of the land surface at this sandy soil site. Therefore, in accordance with MPCA Tanks and Spills Section Fact Sheets dated April 1993, a minimum of one soil boring is required to be conducted through the source area at the site. The boring(s) should be drilled at least five feet beyond the deepest measurable contamination or the water table, whichever is deeper. Soil samples collected for chemical analysis should be analyzed for benzene, ethylbenzene, toluene, xylenes, and total petroleum hydrocarbons as diesel range organics.

The requested activity is necessary, at a minimum, in order to determine if corrective action activities conducted to date have successfully remediated the release. Additional activities may be necessary depending upon the investigation results. All activities are to be conducted in accordance with MPCA Tanks and Spills Section Fact Sheets dated April 1993.

Mr. Russel Sudeith, Jr.

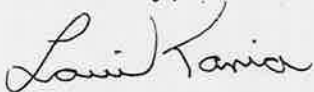
Page 2

June 14, 1994

MPCA staff will continue the review of the site after receipt of the requested information. Since you requested assistance from the MPCA Property Transfer Technical Assistance staff, you will be billed for the time spent by staff to review this project. This is in accordance with Minn. Stat. § 115C.03, subd. 9 (1992) in which the person requesting assistance from the MPCA shall pay the agency under this program. Reimbursements collected will be deposited in the Minnesota Environmental Fund.

If you have any questions regarding this letter, please contact Laurie Kania, at 612/297-8600.

Sincerely,



Laurie M. Kania
Pollution Control Specialist/Project Manager
Property Transfer Technical Assistance
Tanks and Spills Section

cc: Mark Ernhart, WASTEKO, Inc., St. Paul
Shirley McMaster, Bay West, Inc., St. Paul
Jack Hansen, Ramsey County Solid Waste Officer
Molly O'Rourke, St. Paul City Clerk
Tim Fuller, St. Paul City Fire Chief



Bay West Inc.
Five Empire Drive
St. Paul, Minnesota
55103-1867

612-291-0456
FAX 291-0099
1-800-279-0456

TELECOMMUNICATION TRANSMITTAL

RECEIVED

JUN 02 1994

MPCA, HAZARDOUS
WASTE-DIVISION

DATE 6/2/94

TO Addressee: Laurie Kenia

Company: MPCA

Fax No: 297 8676

Phone: _____

FROM Originator: Shirley McManis

This message is intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the above address via the U.S. Postal Service. Thank you.

Number of Pages (including transmittal sheet): 3

Title of Document: Site Maps for Waste Control
Excavation Report

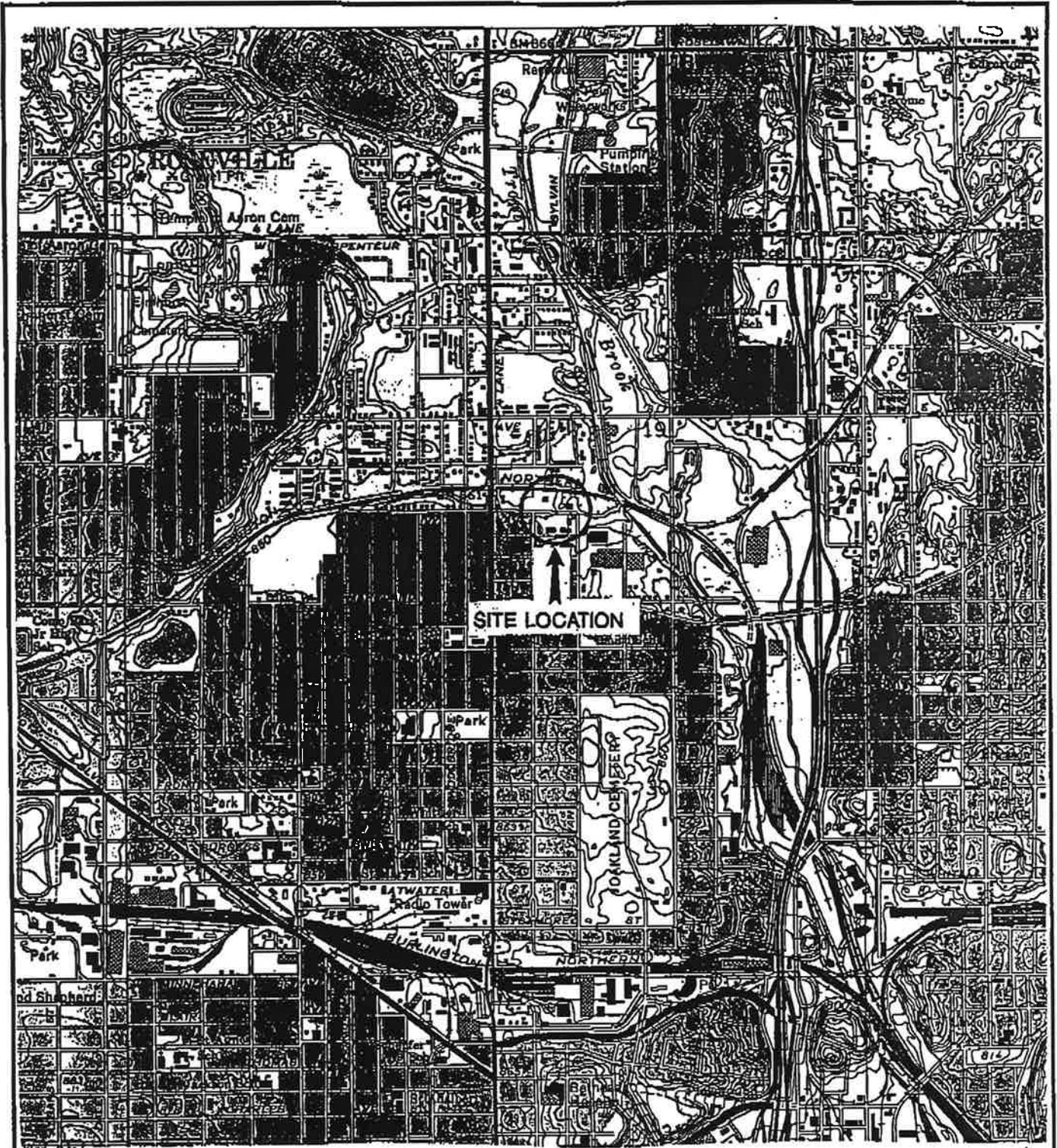
Comments: _____

Please call the Originator at 612-291-0456 or 1-800-279-0456 if you have any problems receiving this transmission.

Thank you.

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 First Class Mail
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 Originals not forwarded

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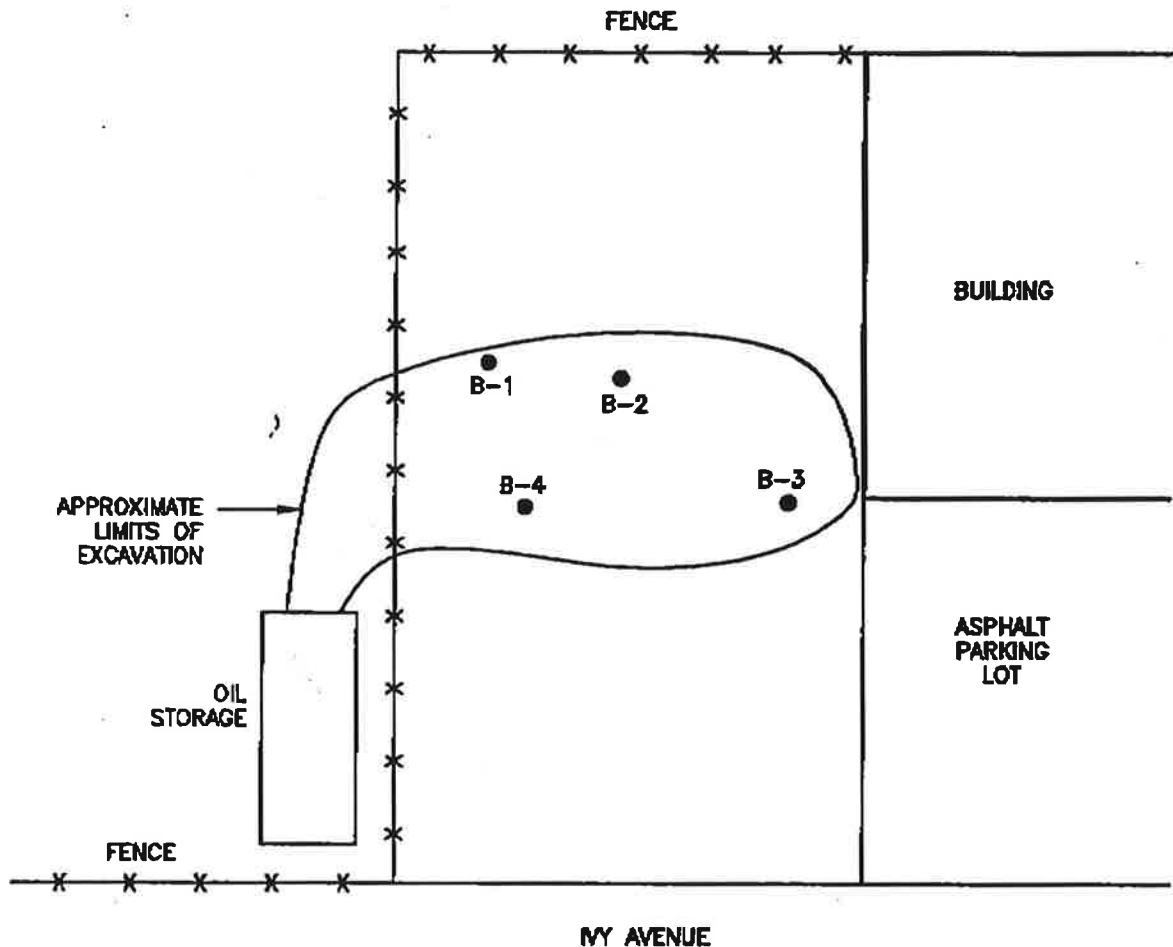


SCALE 1:24 000 1 MILE
 CONTOUR INTERVAL 10 FEET


SOURCE:
 USGS 7.5 MINUTE
 TOPOGRAPHIC
 ST. PAUL EAST &
 ST. PAUL WEST, MN
 QUADRANGLES



ENGR'G R.S.	DATE		BAY WEST Inc. ENVIRONMENTAL SERVICES ST PAUL MN
DRAWN K.M.	7/14/93		
REV.			
PROJECT NAME		WASTE CONTROL	
TITLE		SITE LOCATION MAP	
DWG NO	93043A1	SCALE	FIGURE # 1



LEGEND:
 ● SAMPLE LOCATION

ENGR'G	R.S.	DATE		BAY WEST Inc. ENVIRONMENTAL SERVICES ST. PAUL, MN
DRAWN	K.M.	7/14/93		
REV.				
PROJECT NAME				WASTE CONTROL
TITLE				SITE MAP
DWG. NO.	93043A1	SCALE	NONE	FIGURE #

EXCAVATION REPORT WORKSHEET FOR PETROLEUM RELEASE SITES

Fact Sheet #4
Minnesota Pollution Control Agency
LUST Cleanup Program
April 1993

Rec'd
5/2/94

GW ~ 15' bbs

Complete the information below and submit to the Minnesota Pollution Control Agency (MPCA) Tanks and Spills Section to document excavation and treatment of petroleum contaminated soil. Conduct excavations in accordance with "Excavation of Petroleum Contaminated Soil" (fact sheet #13). 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.

I. BACKGROUND

- A. Site: WASTECO, Inc.
Street: 95 West Ivy Avenue
City, Zip: St. Paul, 55117
County: Ramsey

MPCA Site ID# SPILL 17387
- B. Tank Owner/Operator: WASTECO, Inc.
Mailing Address:
Street/Box: 95 West Ivy Avenue
City, Zip: St. Paul, 55117
Telephone: 227-6394
Supervisor: Mark Emhart
- C. Excavating Contractor: WASTECO.
Contact: Mark Emhart
Telephone: 227-6394
Tank Contractor Certification
Number: N/A
- D. Consultant:
Bay West, Inc.
5 Empire Drive
St. Paul, MN 55103
612/291-0456
Field Representative: Tom Dahl
Project Manager: Shirley McMaster
- E. Others on-site during site work (e.g., fire marshal, local officials, MPCA staff, etc.):
Kevin Faus of the MPCA

Note: If person other than tank owner and/or operator is conducting the cleanup, provide name, address, and relationship to site on a separate attached sheet.

II. DATES

- A. Date release reported to MPCA: February 2, 1993
- B. Dates site work performed:

Work Performed	Date
Installed absorbent cork booms & granules: Pressure-washed parking lot & loaded material into lined roll-off box:	<u>2/2/93</u>
Excavated 6 20-yard boxes of contaminated soil.	<u>2/3/93 thru 2/9/93</u>

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Excavation Report Worksheet for Petroleum Release Sites

Page 2

April 1993

III. RELEASE INFORMATION

A. Provide the following information for all removed tanks.

Tank 1: Capacity: N/A Type: Age:

Condition:

Product history:

Approximate quantity of petroleum released, if known:

Cause of release:

Tank 2: Capacity: N/A Type: Age:

Condition:

Product history:

Approximate quantity of petroleum released, if known:

Cause of release:

Tank 3: Capacity: N/A Type: Age:

Condition:

Product history:

Approximate quantity of petroleum released, if known:

Cause of release:

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BAY WEST, INC.

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Excavation Report Worksheet for Petroleum Release Sites

Page 2

April 1993

III. RELEASE INFORMATION

A. Provide the following information for all removed tanks.

Tank: Capacity: N/A Type: _____ Age: _____
 Condition: _____
 Product history:
 Approximate quantity of petroleum released, if known:
 Cause of release:

Tank: Capacity: N/A Type: _____ Age: _____
 Condition: _____
 Product history:
 Approximate quantity of petroleum released, if known:
 Cause of release:

Tank: Capacity: N/A Type: _____ Age: _____
 Condition: _____
 Product history:
 Approximate quantity of petroleum released, if known:
 Cause of release:

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Excavation Report Worksheet for Petroleum Release Sites

Page 3

April 1993

B. Provide the following information for all existing tanks.

<u>Tank No.</u>	<u>Capacity</u>	<u>Contents</u>	<u>Type</u>	<u>Age</u>
<u>54122</u>	<u>1000 gals.</u>	<u>Diesel fuel</u>	<u>Aboveground</u>	<u>—</u>
<u>—</u>	<u>— gals.</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>— gals.</u>	<u>—</u>	<u>—</u>	<u>—</u>

C. If the release was associated with the lines or dispensers, briefly describe the problem:
The spill was caused by a fuel dispenser hose falling from a fuel storage container. The dispenser landed lower than the fuel tank causing a siphoning action.

D. If the release was a surface spill, briefly describe the problem:
Approximately 250 gallons of fuel were drained from the tank.

IV. EXCAVATION

- A. Dimensions of excavation: Approximately 6" deep over spill area
- B. Original tank backfill material (sand, gravel, etc.): N/A
- C. Native soil type (clay, sand, etc.): Sandy loam
- D. Quantity of contaminated soil removed (cubic yards): 120 cubic yards
[Note: If more than 400 cubic yards removed, please attach copy of written approval from MPCA.]
- E. Was ground water encountered or was there evidence of a seasonally high ground water table? At what depth? No ground water was encountered.
- F. If a soil boring was required (see fact sheet #13 "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.
- G. If no soil boring was required, explain.
Soil samples were taken from freshly exposed surfaces after excavation had removed all contaminated soil.

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BAY WEST, INC.

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Excavation Report Worksheet for Petroleum Release Sites

Page 4

April 1993

- H. If ground water was encountered or if a soil boring was conducted, was there evidence of ground water contamination? Specify, e.g., free product (specify thickness), product sheen, ground water in contact with petroleum contaminated soil, water analytical results, etc.

[NOTE: If free product was observed, contact MPCA staff immediately as outlined in "Petroleum Tank Release Reports" (fact sheet #3). Also consult fact sheet #18, "Free Product: Evaluation and Recovery."
No ground water was encountered.

- I. Was bedrock encountered in the excavation? At what depth?
No bedrock was encountered.
- J. Were other unique conditions associated with this site? If so, explain.
No unique conditions.

V. SAMPLING

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

All soil exhibiting odors or visible contamination was removed. Jar headspace analysis was performed using a photoionization detection with a 10.2 eV lamp in accordance with MPCA's "Jar Headspace Analytical Screening Procedure."

- B. List soil vapor headspace analysis results. Indicate sampling locations using sample codes (with sampling depths in parentheses), e.g. R-1 (2'), R-2 (10'), etc. "R" stands for "removed." Samples collected at different depths at the same location should be labelled R-1A (2'), R-1B (4'), R-1C (6'), etc. If the sample was collected from the sidewall or bottom after excavation was completed, 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.

Excavation Report Worksheet for Petroleum Release Sites
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Sample Code	Soil Type	Reading, ppm	Sample Code	Soil Type	Reading, ppm
B-1(1/2')	sandy loam	0.8			
B-2(1/2')	sandy loam	3.8			
B-3(1/2')	sandy loam	4.9			
B-4(1/2')	sandy loam	3.0			

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

Soil samples were collected from freshly exposed surfaces after excavation of approximately 1/2 foot of soil.

Soil placed in clean glass jars with teflon lined lids leaving as little headspace as possible. Jars were placed on ice in coolers. Chain-of-Custody forms accompanied all samples.

D. List below the soil sample analytical results from the 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'), S-2 (4'), etc.; bottom samples B-1 (13'), B-2 (14'), 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 ppm	Ethylbenzene ppm	Toluene ppm	Xylene ppm	MTBE ppm	Lead ppm
B-3(1/2')	12 ppm	<.05	<.05	<.05	<.05		
B-4(1/2')	14 ppm	<.05	<.05	<.05	<.05		

NOTE: ATTACHED COPIES OF LABORATORY REPORTS AND CHAIN OF CUSTODY FORMS MUST BE INCLUDED.

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Excavation Report Worksheet for Petroleum Release Sites

Page 6

April 1993

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 (building, 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), and soil borings (e.g. SB-1). Also, attach all boring logs.
 - f. north arrow, bar scale and map legend

VII. SUMMARY

Briefly summarize evidence indicating whether additional investigation is necessary at the site, as discussed in part VI of the "Excavation of Petroleum Contaminated Soil" (fact sheet #13). If no further action is recommended, the MPCA staff will review this report following notification of soil treatment.

Laboratory results of soil samples collected from the bottom of the excavation were below the MPCA's cleanup levels. No further action is required.

VIII. SOIL TREATMENT INFORMATION

- A. Soil treatment method used (thermal, land application, other). If you choose "other," specify treatment method: Landfill
- B. Location of treatment site/facility: Winnebago County Sanitary Landfill, Lake Mills, Iowa
- 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): Permit #95.SDP x 72P
- D. Identify the location of any stockpiled contaminated soil:
N/A

OK

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FAX 612 () 0099

BAY WEST, INC.

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Excavation Report Worksheet for Petroleum Release Sites**Page 7
April 1993****IX. CONSULTANT (OR OTHER) PREPARING THIS REPORT**

Bay West, Inc.
5 Empire Drive
St. Paul, MN 55013
(612) 291-0456
Project Manager: Shirley McMaster

Signature: _____

Date: October 19, 1993

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

*Kevin Faus
Minnesota Pollution Control Agency
Hazardous Waste Division
Tanks and Spills Section
520 Lafayette Road
St. Paul, MN 55155*

If additional investigation is required at the site, include this form as an appendix in the Remedial Investigation/Corrective Action Design report. Excavation reports indicating a remedial investigation (RI) is necessary will not be reviewed by MPCA staff until the RI has been completed.