

September 26, 1996

MR TOM STATHAM
COTTER & CO
1600 NE 181ST
PORTLAND OR 97230

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

Re: Cotter & Company
File No. 26-93-089

Dear Mr. Statham:

The Department of Environmental Quality has completed our review of the information submitted to date regarding the underground storage tank (UST) decommissioning and cleanup conducted at 1600 NE 181st, Portland, Oregon. The Department has determined that the site appears to be cleaned up in accordance with OAR 340-122-201 through -360, and that no further action is required at this time.

This determination is a result of our evaluation and judgement based on the regulations and facts as we now understand them, including:

1. One 500 gallon diesel UST was removed and transported to Schnitzer Steel Products in Portland, Oregon.
2. Approximately 23 tons of petroleum-impacted soils were disposed of at TPS Technologies Soil Recycling in Portland, Oregon.
3. After petroleum contaminated soil was removed, all soils remaining in the excavation tested no higher than 48 parts per million (ppm) by Oregon Method TPH-418.1M, which is below the cleanup standard of 500 ppm for diesel established for this site.
4. Groundwater was not encountered in the excavation.

The Department's determination will not be applicable if new or undisclosed facts show that the cleanup does not comply with the referenced rules. The Department's determination also does not apply to any conditions at the site other than the release of the petroleum product specifically addressed in your report. We recommend that a copy of all information be maintained with the permanent facility records.

John A. Kitzhaber
Governor



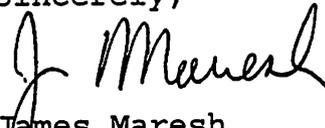
2020 SW Fourth Avenue
Suite 400
Portland, OR 97201-4987
(503) 229-5263 Voice
TTY (503) 229-5471
DEQ-1

Cotter & Company
September 26, 1996
Page 2

Please note that pursuant to OAR 340-122-360(2), a copy of your report must be retained until ten (10) years after the first transfer of the property.

Your effort to comply with the regulations to ensure that your facility has been adequately cleaned up is appreciated. If you have any questions, please feel free to contact James Maresh at 229-5527.

Sincerely,



James Maresh
UST Section
Northwest Region

cc: Foss Environmental Services Co.
5420 N Lagoon Drive
Portland OR 97217

December 18, 1995

Mr. Tom Statham
Cotter & Co.
1600 N. E. 181st Avenue
Portland, OR 97230

Re: Cotter & Company
Log No. 26-93-0089

Dear Mr. Statham:

The purpose of this letter is to provide notification that you will be receiving an invoice from the Department of Environmental Quality (DEQ) for costs the DEQ has accrued during oversight activities at the facility listed above. A release of petroleum (a hazardous material) at this site was reported to the DEQ as required by law.

Responsible parties are required to pay costs incurred by DEQ for oversight of investigation and cleanup of spills and releases of hazardous materials (ORS 465.225). This includes both direct and indirect costs. Direct costs include site-specific expenses and legal costs. Examples are: time spent by a project manager conducting a site visit or reviewing a report, or clerical staff starting a file or updating a database.

Indirect costs are general management and support costs accrued by the DEQ which are associated with oversight of this cleanup, but which are not charged as direct, site-specific costs. An example is time associated with processing timesheets and payroll.

The cost(s) you will be invoiced for may have been accrued over the last several years. Due to a large backlog of projects, invoices on low priority projects were delayed. We apologize for any inconvenience this may have caused.

If you have any questions regarding the Department's cost recovery program or your invoice, please contact our Waste Management and Cleanup Division at (503) 229-5812.

Should you have any technical questions about your cleanup project, please contact the Northwest Region's Underground Storage Tank duty officer at (503) 229-5263.

Sincerely,



Richard P. Reiter
UST Section Manager
Northwest Region

RPR:m
SM6336



811 SW Sixth Avenue
Portland, OR 97204-1390
(503) 229-5696
TDD (503) 229-6993

DEQ-1



26-93-089
NWR

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

JUN 17 1993

UNDERGROUND STORAGE TANK DECOMMISSIONING
NORTHWEST REGION

Cotter & Company
1600 N.E. 181st Avenue
Portland, Oregon 97230

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

JUN 17 1983

NORTHWEST REGION

WASHINGTON STATE DEPARTMENT OF ENVIRONMENTAL QUALITY
NORTHWEST REGION
1000 WEST 10TH AVENUE
SEASIDE, OREGON 97138

UNDERGROUND STORAGE TANK DECOMMISSIONING

Cotter & Company
1600 N.E. 181st Avenue
Portland, Oregon 97230

June 4, 1993

Prepared by:

Foss Environmental Services Co.
5420 N. Lagoon Drive
Portland, Oregon 97217

Project Manager: Bob Janak

Project Number: 37103

EXECUTIVE SUMMARY

Foss Environmental Services Co. (FESC) was retained by Industrial Planners Group, Inc, to decommission by removal from the ground, one 500 gallon Diesel Underground Storage Tank (UST) at Cotter & Company, 1600 N.E. 181st Avenue, Portland, Oregon. All work was completed in accordance with local, state and federal UST regulations, along with typical industry protocols.

Following the decommissioning of the UST on May 17, 1993, site observation and soil analysis had indicated petroleum contamination in the excavation soils around the UST. Analysis of soil samples obtained from the excavation floor, confirmed detectable levels of diesel. Groundwater did not enter the excavation during the decommissioning. These soils (approximately 20 yards) were removed and stockpiled on site.

Following the removal of the UST, the tank was cleaned and rendered useless by cutting out one end. The tank and the rinsate generated during the cleaning of the tank was properly recycled.

The excavation was backfilled and compacted on May 28, 1993.

INTRODUCTION

Foss Environmental Services Company (FESC) was retained by Industrial Planners Group, Inc., to decommission by removal from the ground, one 500 gallon Diesel Underground Storage Tank (UST) at Cotter & Company, 1600 N.E. 181st Avenue, Portland, Oregon. All work was done in accordance with local, state, and federal UST regulation, along with typical industry protocol.

This report summarizes the UST decommissioning activities. The UST Decommissioning /Service Change Report and Checklist was completed and sent to the Oregon Department of Environmental Quality (DEQ). Copies of the report and checklist is presented in Appendix C.

LICENSE/PERMITS

FESC and the Project Manager are licensed by the Oregon Department of Environmental Quality (DEQ) to perform UST services in the State of Oregon. Copies of licenses are presented in Appendix A.

The DEQ was notified (30 day notice) of the intent to decommission the UST. Permits were required and obtained from the City of Gresham Building Division and Fire Marshal's Office prior to decommissioning this UST. No other state or local permit were required. A copy of the 30 day notice and permits are presented in Appendix A.

SITE SUMMARY

The actual age of the UST system is unknown, but thought to be over 20 years old. Maintenance and repair records were not available.

The facility at which this 500 gallon diesel UST is located, is a large industrial building, currently being used as a hardware distribution center. The UST was used to supply fuel to a backup generator.

PRE-DECOMMISSIONING ACTIVITIES

On May 17, 1993, FESC started the decommissioning of the UST. Prior to starting the decommissioning activities a safety meeting was held with the onsite personnel. The tank was inspected and the remaining product was removed and the UST was triple rinsed. The tank was inerted using dry ice and monitored for explosive vapors before being removed. A site inspection was performed. The UST site was visually inspected for surface indications of a release. There were no indications of a release at the fill pipe area. Above and below ground components of the tank and piping were located. Utilities in the area were located.

DECOMMISSIONING ACTIVITIES

On May 17, 1993, the UST was removed using a backhoe operated by

FESC. Once the tank was removed and staged and blocked in a secure area, the tank and excavation was inspected for evidence of petroleum release. There was evidence of a release in the UST excavation. Holes were noticed at one lower end of the UST. There was obvious soil discolor and odors in the soils surrounding the lower portion of the UST. Groundwater did not enter the excavation during the decommissioning of the UST.

The tank was retested for the presence of a combustible hazard, and the tank was subsequently rendered useless by cutting a hole in one end.

The tank was cleaned of residual liquid. All liquid material retrieved from the UST was transported and recycled at Fuel Processor's Woodland, Washington facility. The tank was transported to Schnitzer Steel Products Co. in Portland, Oregon and recycled as scrap metal.

Copies of the tank and liquid recycle receipts are presented in Appendix B.

Following the decommissioning of the UST, the UST Decommissioning /Service Change Report and Checklist was completed and sent to the Oregon Department of Environmental Quality (DEQ). Copies of the report and checklist is presented in Appendix C.

SOIL SAMPLING AND ANALYSIS

The soil surrounding the UST appears to be gray sands, light brown silts, and river rock. There was obvious staining and soil discolorization in the excavation below and around the UST.

Following the removal of the UST and approximately five (5) yards of contaminated soil, six (6) soil samples were obtained. One (1) from the obvious contaminated soils and five (5) from the excavation walls and floor.

Soil samples were obtained as follows:

Samples were obtained from the excavation walls by the sampler wearing latex gloves, would obtain soils from the excavation (via backhoe bucket) and fill a clean 8-ounce sample jar. The jar threads were cleaned and lid screwed into place. The sample jar was then labeled with its own unique number and immediately placed on ice.

The samples were transported under chain of custody to AMTEST in Beaverton, Oregon. Samples were analyzed using Oregon DEQ approved test methods. The test methods are: Total Petroleum Hydrocarbon Identification (TPH-HCID) and Total Petroleum Hydrocarbon (Method 418.1) The results of these analysis is presented in Table 1.

Table 1

Sample #1	TPH-HCID TPH 418.1	Positive for Diesel 470 parts per million
Sample #1	TPH 418.1	380 parts per million
Sample #2	TPH 418.1	1,400 parts per million
Sample #3	TPH 418.1	28 parts per million
Sample #4	TPH 418.1	2,300 parts per million
Sample #5	TPH 418.1	2,400 parts per million

Copies of the chain of custody, laboratory data and a site sampling map is presented in Appendix D.

The Matrix Score Sheet and Checklist was completed for this site and is presented in Appendix E. This site was evaluated to be a Level 2 site (500 ppm of diesel). The levels of diesel remaining in the soils are above the 500ppm action level and additional remediation will be performed.

FESC is not aware of any factors that may have compromised the quality of the data or validity of the results.

CONTAMINATED SOIL REMOVAL

On May 21, 1993 the soils below and around the UST was remediated by removing approximately 15 cubic yards of soil. The soil was stockpiled on site and was transported to Oregon Hydrocarbons, Inc for treatment. Copies of the approved application and acceptance receipts is presented in Appendix F.

SOIL SAMPLING AND ANALYSIS

Following the removal of approximately fifteen (15) yards of contaminated soil, three (3) soil samples were obtained. One (1) from the floor, one from the North Wall, and one from the East Wall.

Soil samples were obtained as follows:

Samples were obtained from the excavation walls by the sampler wearing latex gloves, would obtain soils from the excavation (via backhoe bucket) and fill a clean 8-ounce sample jar. The jar threads were cleaned and lid screwed into place. The sample jar was then labeled with its own unique number and immediately placed on ice.

The samples were transported under chain of custody to AMTEST in Beaverton, Oregon. Samples were analyzed using Oregon DEQ approved test methods. The test methods are: Total Petroleum Hydrocarbon (Method 418.1) The results of these analysis is presented in Table 2.

Table 2

Sample #1	TPH 418.1	Non Detected
Sample #2	TPH 418.1	23 parts per million
Sample #3	TPH 418.1	48 parts per million

Copies of the chain of custody, laboratory data and a site sampling map is presented in Appendix D.

The levels of Total Petroleum Hydrocarbons remaining in the soils on the walls of the excavation are below the DEQ Soil Matrix Action Levels for this site. Foss Environmental Services Co. request no further action at this site.

FESC is not aware of any factors that may have compromised the quality of the data or validity of the results.

On May 28 1993 the excavation was backfilled and compacted.

SUMMARY

On May 17, 1993, Foss Environmental Services Co. decommissioned one 500 gallon Diesel Underground Storage Tank at Cotter & Company, 1600 N.E. 181st Avenue in Portland, Oregon. Soil sample analysis indicated detectable levels of diesel contaminated soils the UST excavation. Groundwater did not enter the excavation. Approximately 15 - 20 yards of contaminated soils were excavated and stockpiled on site and later transported to Oregon Hydrocarbons, Inc for treatment.. On May 28, 1993 the excavation was backfilled and compacted. FESC request no further action at this site.

LIST OF APPENDIXES

APPENDIX A	Licenses, 30 Day Notice and Permits
APPENDIX B	Tank and Rinsate Recycle Receipts
APPENDIX C	DEQ UST Decommissioning/Service Change Report and Checklist
APPENDIX D	Laboratory Data and Chain of Custody and Site Maps
APPENDIX E	Matrix Score Sheet and Checklist
APPENDIX F	Contaminated Soil Disposal Receipts

APPENDIX A

LICENSE, NOTICE AND PERMITS

UST SERVICE PROVIDER LICENSE

This License is Issued by The Oregon Department of Environmental Quality to:

Foss Environmental Services Co.
5420 North Lagoon Dr.
Portland, OR 97217

You are Licensed to Offer the Following Underground Storage Tank Services:

Service Provider
Soil Matrix Cleanup Prov.

12391

12392



A Licensed Underground Storage Tank Supervisor Must be Present at a Site to Perform These Services

Issued: November 23, 1992

Expires: November 23, 1994

Authorized: Richard P. Reiter

Richard P. Reiter
UST Compliance Manager



A Copy of This License Shall Be Available for Inspection At All Sites Involving UST Work

February 26, 1993

Bob Janak
2035 NW 14th Street
Gresham, OR 97030

RE: 3585
AD: 110300

RE: UST Supervisor License

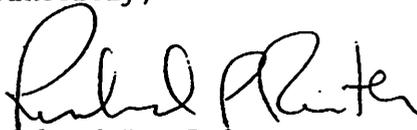
You are licensed in the State of Oregon to supervise the conduct of services for regulated underground storage tanks with valid permits while employed by a licensed UST Service Provider. Your licenses to supervise specific regulated activities are valid until the dates shown below and on your license card.

<u>Licensed Services</u>	<u>License Number</u>	<u>Expiration Date</u>
Tightness Test	11249	01-MAR-94
Decommission	12997	01-OCT-95
Soil Matrix Cleanup	12998	26-MAR-95

Your licenses are issued under the provisions of OAR 340-160-005 through 340-160-150 and OAR 340-162-005 through 340-162-150 and OAR 340-163-005 through 340-163-150. It does not license you to act as an UST Service Provider in Oregon.

Your license card (below) must be available on demand for inspection whenever you are working as an UST Supervisor.

Sincerely,



Richard P. Reiter
UST Compliance Manager
UST Compliance Section

Bob Janak
2035 NW 14th Street
Gresham, OR 97030

<u>LICENSED SERVICES</u>	<u>LIC#</u>	<u>EXPIRES</u>
Tightness Test	11249	01-MAR-94
Decommission	12997	01-OCT-95
Soil Matrix Cleanup	12998	26-MAR-95



Supervisor Signature

Oregon Department of Environmental Quality

NOTICE OF UNDERGROUND STORAGE TANK PERMANENT DECOMMISSIONING/SERVICE CHANGE

FACILITY (Location of Tanks)

Name: Cotter & Company
 Address: 1600 N.E. 181st Ave
Portland, OR. 97230
 Phone: (503) 665-6191

TANK OWNER

Name: Cotter & Company
 Address: 1600 N.E. 181st Ave
Portland, OR. 97230
 Phone: (503) 665-6191

DEQ Facility I.D. Number: 5096

Work To Be Performed By: Foss Environmental Services License #: 12391
 (Owner or Licensed Service Provider)

Phone: 263-1150 - Bob Janak Mobile Phone: _____

FORM MUST BE SUBMITTED BY UST OWNER OR OPERATOR 30 DAYS BEFORE START OF WORK

YOU MUST CONTACT YOUR LOCAL DEQ REGIONAL OFFICE 3-DAYS BEFORE STARTING ANY DECOMMISSIONING WORK. (Phone numbers are listed on reverse)

Will tank removal or potential cleanup affect adjacent property or Right-of-Way property? Yes ___ No X

Date decommissioning is scheduled to begin: June 1, 1993

Tank #	DEQ UST Permit	Tank Size in (Gallons)	Product: Gasoline, Diesel, Used Oil, Other?		Closure or Service Change?			Tank to be Replaced?	
			Present	New	Tank Removal	Closure [∞] Inplace	New [∞] Product	Yes*	No
1	BABDC	500	Gasoline		YES				X
			Diesel						

* If decommissioned tank(s) are to be replaced by new underground storage tanks you must submit a new permit application containing information on the new tanks 30 days before placing them in service.

∞ Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, or 3) tank contains a regulated substance other than petroleum.

Signature: Bob Janak Date: 4/13/93
 (Owner or Operator)

Mailed 4/13/93 (R)

GRESHAM FIRE DEPARTMENT

FIRE PREVENTION PERMIT

Permit No. 98-010

Date: May 11, 1998

By virtue of the Fire Codes adopted by the authority having jurisdiction, it is hereby recognized that

FOSS ENVIRONMENTAL SERVICES
5420 N Lagoon Ave
Portland OR 97217

has met all requirements of the applicable federal, state and local Codes, and is hereby granted a Fire Prevention Permit for

removal of one (1) 500-gallon
underground storage tank

at

COTTER AND COMPANY
1600 NE 181st
Gresham OR.

This permit is issued and accepted on the condition that all Code provisions now adopted, or that may hereafter be adopted, shall be complied with, and is not transferable. Any change in the use or occupancy of the premises shall require a new Permit. This Permit does not take the place of any license required by law.

NOTE: Call the Gresham Fire Marshal's Office at 669-2480 at least 24 hours prior to doing this work, as the procedure must be witnessed by a Deputy Fire Marshal.


Gresham Fire Marshal's Office
669-2480



FIRE PREVENTION DIVISION



1333 NW Eastman Parkway
Gresham, OR 97030-3825
669-2480

FIRE SAFETY NOTICE

BUSINESS NAME Cotter & Co ^(Contractor) (Foss Env. 283-1150) PHONE _____

BUSINESS ADDRESS 1600 NE 181st PHONE _____

BUSINESS OWNER _____ MANAGER _____ PHONE _____

BUILDING OWNER _____ PHONE _____

EMERGENCY PHONE NUMBERS 1. _____ 2. _____ 3. _____

CITY OF GRESHAM ORDINANCE 5.100 REQUIRES IMMEDIATE COMPLIANCE WITH THE ITEMS LISTED BELOW

- 1) Remove UST (one) as per UPC 79.114 OK @ 5-17-93
- 2) Lower 1/4 portion (Exterior) of tank had visible residue of oil on it

NOTICE: The above items will be reinspected for compliance in _____

Issued by Bill Kelly Date 5-17-93 Presented to Bob Jank (FESC)

Permit No. FUEL-93-3509

GASOLINE AND MOTOR FUEL

2943290910

City of Gresham
Building Division
1333 NW Eastman Pkwy

Date _____

TANK AND PUMP APPLICATION

Permit Fee 20.00

Inspection No. 669-2409
24 Hours 669-2481

Bob Janak

APPLICANT FOSS Environmental Services TELEPHONE NO. (503) 243-1150

ADDRESS 5420 N. Lagoon Avenue, Portland, OR 97217

OWNER Cotter & Co, 1600 NE 181st TELEPHONE NO. 665-6191

LOCATION OF INSTALLATION COTTER & CO 1600 NE 181ST

Tank-size Capacity	Quantity	Fee Schedule:
500	1 ea	Tanks 0 to 4,999 Gallons ----- \$20.00 ea.
		Tanks 5,000 gal. to 9,999 gal. ----- 30.00 ea.
		Tanks 10,000 gal. or more ----- 44.50 ea.
	1	Removal of tanks ----- 10.00 ea. <u>10.00</u>
		Pumps ----- 5.00 ea.
		Sub Total <u>10.00</u>
		5% Sur Charge <u>1.00</u>
		Permit Fee \$10.00
		Total <u>21.00</u>

Total No. Tanks on Premises, including This Permit _____

Total Gallons on Premises including This Permit _____

UL Lab. Requirements _____

Pump Type _____ Make _____
 : _____ In Bldg. _____ On Island _____
 Sub _____
 Model _____
 In-Disp. _____ Replacement _____ Addition _____
 Total No. Pumps on Premises _____
 Model No. _____

Installation to be in conformance with City of Gresham and under supervision of the Building Dept. & Fire Marshal. Notify Building Dept. & Fire Marshal for inspection before Tank or Pipes are covered.

Tank Abandonment:

Exact location of Tanks on property, Submit Site Detail: Front of office by Flag Pole

Removal
 Method of Abandonment:

Temporarily out of service. _____
 Abandoned in place. _____
 Removal of tank. YES

Issued by [Signature]
 Date _____

Bob Janak
 Signature/Applicant

5/11/93
 Date

PAID
 MAY 11 1993
 CITY OF GRESHAM

Rec # 104799 [Signature]

APPENDIX B

TANK AND RINSATE RECYCLE RECEIPTS

short form b/w
 225-6571 1340

Rinsate

carbonless
 1245 Fuel Processors 1500 Schwartz

095
 TRIP

STRAIGHT BILL OF LADING—SHORT FORM—Original—Not Negotiable.

PO# P2249

Carrier

Shipper's No. 37103
 Carrier's No. CC90792

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

at PORTLAND OR 5-17 1973 from COTTON + COMPANY

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, 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, and conditions 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 of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to _____ (Mail or street address of consignee—For purposes of notification only.)

Destination Fuel Processors, Woodland, WA State WA Zip Code _____ County _____

Delivery Address * 701 BOZMATH
(* To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

Route _____

Delivering Carrier FOSS ENVIRONMENTAL Car or Vehicle Initials 27 No. 76

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*Weight (Sub. to Car.)	Class or Rate	Check Column	Subject to Section 7 of Conditions of applicable bill of lading, 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.
2	55 GAL DM MATERIAL NOT REGULATED By DOT (DIESEL, WATER)	APPROX 50 GAL			
					(Signature of Consignor.)
					If charges are to be prepaid, write or stamp here, "To Be Prepaid."
					Received \$ _____ To apply in prepayment of the charges on the property described hereon.
					Agent or Cashier
					Per _____ ([The signature here acknowledges only the amount prepaid.] Charges Advanced: \$ _____

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
 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 _____

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of Uniform Freight Classification.
 ‡Shipper's imprint in lieu of stamp; not a part of bill of lading approved by the Interstate Commerce Commission.

Shipper Per FES Agent, Per [Signature]

FUEL PROCESSORS 16908

RECEIVING RECORD

Woodland, WA.

RECEIVED FROM <i>Foss Environmental</i>		
ADDRESS <i>1 Day 500</i>		
P.O. NO. OR RETURNED GOODS NO. <i>PO # P2247</i>	FREIGHT BILL NO. <i>37003 CC90792</i>	
VIA	PREPAID	COLLECT DATE <i>5/17/93</i>

QUANTITY	ITEM NO.	DESCRIPTION
1	<i>80</i>	<i>gals Diesel & Water</i>
2		
3		
4		<i>80% H₂O</i>
5		
6		
7		<i>(In Barrels)</i>
8		
9		
10		
11		
12		<i>80%</i>
REMARKS: CONDITION, ETC.		
NO. OF PKGS.	WEIGHT	RECEIVED BY <i>M.B.</i>
		CHECKED BY <i>15</i>
		DELIVERED TO

BE SURE TO MAKE THIS RECORD ACCURATE AND COMPLETE

short form bill

UST

carbonless

090 TRIP

STRAIGHT BILL OF LADING—SHORT FORM—Original—Not Negotiable.

Shipper's No. 37103

Carrier

Carrier's No. CC 90793

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

at PORTLAND OR 5-17 1993 from COTTER & CO

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, 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 of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to SCHWITZEN STEEL

(Mail or street address of consignee—For purposes of notification only.)

Destination PORTLAND State OR Zip Code County

Delivery Address (To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

Route

Delivering Carrier FOSS ENVIRONMENTAL Car or Vehicle Initials 27 No. 76

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*Weight (Sub. to Car.)	Class or Rate	Check Column	Subject to Section 7 of Conditions of applicable bill of lading, 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.
1	500 GAL TANK EMPTY FOR SCRAP ONLY				
					(Signature of Consignor.)
					If charges are to be prepaid, write or stamp here, "To Be Prepaid."
					Received \$ _____ To apply in prepayment of the charges on the property described hereon.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

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

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of Uniform Freight Classification.

‡Shipper's imprint in lieu of stamp; not a part of bill of lading approved by the Interstate Commerce Commission.

Agent or Cashier

Per (The signature here acknowledges only the amount prepaid.)

Charges Advanced:

\$

Shipper, Per

Agent, Per

Permanent post-office address of shipper.

REDIFORM 65695

carbonless

APPENDIX C

DEQ UST Decommissioning/Service Change Report and Checklist

Oregon Department of Environmental Quality
UNDERGROUND STORAGE TANK DECOMMISSIONING/SERVICE CHANGE REPORT

DEQ FACILITY NUMBER: 5096 DATE: 5-17-93
FACILITY NAME: Cutter & Company
FACILITY ADDRESS: 1600 NE 181st
Portland, OR 97230
PHONE: (503) 665-6191

The following information **MUST** be submitted by the underground storage tank owner, operator or licensed DEQ Supervisor within 30 days following completion of the tank decommissioning or changing tank contents to a non-regulated substance. (OAR 340-150-001 through -150)

The attached supplemental checklist should be prepared by the person performing the decommissioning. The checklist should be provided to DEQ and the tank owner to demonstrate that all required practices were followed.

Ordinarily the checklist is filled out by the DEQ licensed Service Provider or Supervisor. Owners who wish to personally decommission a tank must follow all DEQ and other applicable standards. The owner should contact the DEQ Regional Office prior to starting the decommissioning to receive current copies of underground storage tank regulations.

A. DATES:

Decommissioning/Service Change Notice - Date Submitted: 4-13-93 (30 days before work starts)
Work Start Telephone Notice - Date Submitted: 5-11-93 (3 working days before work starts)
DEQ Person Notified: R. Segal Lic # 26-3D-93-604
Date Work Started: 5-17-93
Date Work Completed: _____

Note: Provide the following information if any soil or water contamination is found during the decommissioning. Contamination must be reported by the UST owner or operator within 24 hours. The licensed service provider must report contamination within 72 hours after discovery unless previously reported.

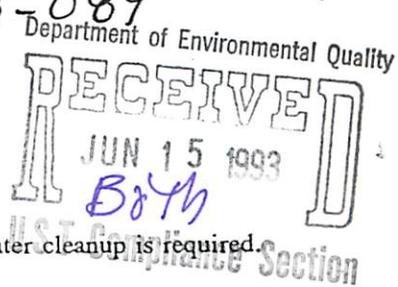
Date Contamination Reported: 5-17-93 By: Bob Janak
DEQ Person Notified: R. Segal # 26-93-089

Backfill Telephone Notice - Date Called: 5-25-93 (before backfilling)
DEQ Person Notified: Shelia Monroe

B. PERMITS:

Note: DEQ permits or an addendum to the UST permit(s) may be needed where soil or water cleanup is required.

DEQ Water Discharge Permit #: N/A Date: N/A
Disposed to (Location): N/A
DEQ Solid Waste Disposal Permit #: N/A Date: N/A



B. PERMITS (Continued)

UST Soil Treatment Permit Addendum - Type: NA Date: NA

Soil Disposal or Treatment Location: Oregon Hydrocarbons, INC
Portland, OR.

C. TANK INFORMATION:

Tank #	DEQ UST Permit	Tank Size in (Gallons)	Product: Gasoline, Diesel, Used Oil, Other?		Closure or Service Change?			Tank to be Replaced?	
			Present	New	Tank Removal	Closure [∞] Inplace	New [∞] Product	Yes*	No
1	3A88DL	500	Diesel		YES				X

* Where decommissioned tank(s) are replaced by new underground storage tanks the UST owner or operator must submit a new permit application containing information on the new tanks 30 days before placing them in service.

∞ Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, or 3) tank contains a regulated substance other than petroleum.

D. DISPOSAL INFORMATION:

Tank #	Tank & Piping Disposal Method				Disposal Location of Tank Contents *	
	Scrap	Land-fill	Other	Identify Location & Property Owner	Liquids	Sludges
1	YES			Schwitzer Steel Portland, OR	Fuel Processors Woodland, WA	NA

* Note: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ Hazardous Waste Section at (503) 229-5913 or DEQ regional office hazardous waste staff.

E. CONTAMINATION INFORMATION:

Tank #	Ground* water in pit?	Product odor in soil?	Product stains in soil?	Number of Samples	Laboratory (Name, City, State, Phone)
1	NO	YES	YES		AM Test, Inc Beaverton, OR 626-7424

* Note: Sampling is required if groundwater is encountered. See cleanup rules.

F. SITE SKETCH:

(Show location of adjacent roads, property lines, structures, dispenser, & all USTs) (Show North, general direction of ground slope and soil sample locations. Sketch does not need to be drawn to scale. You may attach a separate drawing.)

See Site Sampling Map
Figures 1, 2, & 3

G. WORK PERFORMED BY:

DEQ Service Provider's License #: 12391 Construction Contractors License #: 89527

Name: Foss Environmental Services

Telephone: 283-1150

DEQ Decommissioning Supervisor's License #: 12997

Name: Bob Janak

Telephone: 283-1150

DEQ Soil Matrix Service Provider's License #: 12392 (If applicable)

Name: Foss Environmental Services

Telephone: 283-1150

DEQ Soil Matrix Supervisor's License #: 12998 (If applicable)

Name: Bob Janak

Telephone: 283-1150

H. ATTACHMENTS TO THIS REPORT:

1. Attach a copy of the laboratory report showing the results of all tests on all soil and water samples. The laboratory report must identify sample collection methods, sample location, sample depth, sample type (soil or water), type of sample container, sample temperature during transportation, types of tests, and copies of analytical laboratory reports, including QA/QC information. Include laboratory name, address and copies of chain-of-custody forms.

If contamination is detected and a Level 2 or Level 3 soil matrix cleanup standard is selected attach a copy of the soil matrix analysis for the site including methods of determining soil type, depth to groundwater, and sensitivity of uppermost aquifer.

I. REPORT FILING:

This report, signed by the tank owner or operator, complete with all applicable attachments must be filed with DEQ headquarters within 30 days after the excavation is backfilled or change-in-service is complete. Contact the DEQ regional office prior to filing this report where special circumstances exist at the site (such as water in pit, remaining pockets or contamination, etc.).

NOTE: If contamination was found during site assessment at decommissioning or change-in-service and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Return Completed Form to: Department of Environmental Quality
UST Program - Decommissioning Report
811 S.W. Sixth Ave.
Portland, Oregon 97204

I have personally reviewed this report and the attachments and find them to be true and complete.
Signature: _____ Date: 6/20/91
(Owner or Operator)

For information: (503) 229-5733 or Toll Free in Oregon 1-800-452-4011

Oregon Department of Environmental Quality
UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST

DEQ FACILITY NUMBER: 5096 DATE: 5-17-93
 FACILITY NAME: Coffen & Company
 FACILITY ADDRESS: 1600 NE 181st
Portland, OR 97230
 PHONE: _____

A. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher: Type/Size: 30lb ABC Recharge Date: Jun 94
 Combustible Gas Detector: Model: Gastech Mod GX-3 Calibration Date: 3/93
 Oxygen Analyzer: Model: Gastech Mod GX-3 Calibration Date: 3/93

B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable)
 (Check Appropriate Box)

1. All electrical equipment grounded and explosion proof?
2. Safety equipment on job site?
3. Overhead electrical lines located?
4. Subsurface electrical lines off or disconnected?
5. Natural gas lines off or disconnected?
6. No open fires or smoking material in area?
7. Vehicle and pedestrian traffic controlled?
8. Excavation material area cleared?
9. Rainwater runoff directed to treatment area?
10. Drained and collected product from lines?
11. Removed product and residual from tank?
12. Cleaned tank?
13. Excavated to top of tank?
14. Removed tank fixtures? (pumps, leak detection equip.)
15. Removed product, fill and vent lines?

Department of Environmental Quality
RECEIVED
 JUN 15 1993
Boyd
 UST Compliance Section

Yes	No	Unk	N/A
X			
X			
X			
X			
			X
X			
X			
			X
X			
X			
X			
			X
X			

C. TANK ABANDONMENT IN-PLACE:

16. Sampling plan approved by DEQ?
 Date: NA DEQ Staff: NA

			X
--	--	--	---

B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable)
(Check Appropriate Box)

Yes	No	Unk	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

17. Contamination concerns fully resolved?

18. Fill Material? Type: Silts/Rocks

D. TANK REMOVAL:

19. Tank placement area cleared, chocks placed?

20. Purged or ventilated tank to prevent explosion?

Method used: Dry Ice Meter reading: 0% 5%

21. No chains or steel cables wrapped around tank for removal?

22. Tank removed, set on ground, blocked to prevent movement?

23. Tank set on truck and secured with strap(s)?

24. Tank labeled before leaving site?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

E. SITE ASSESSMENT:

25. Site assessed for contamination? See OAR 340-122-340

26. Soil samples taken and analyzed?

27. Decommissioning/Change-in-Service report sent to DEQ?

28. Was contamination found? Date/Time: 5-17-93 @ 10:30 am

29. Was contamination reported to DEQ? By: Bob Janak
Date/Time: 5-17-93 - 1330 DEQ Staff: R. Scgal

30. Was hazardous waste determination made for tank contents (Liquids/sludges)?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

31. Disposal location of tank(s) contents.

Name: Fuel Processors, Inc Date: 5-17-93

Address: Woodland, WA

Attach disposal receipt. YES

32. Disposal or recycling location of removed tank(s) and associated piping.

Name: Schwitzer Steel Date: 5-17-93

Address: Portland, OR

Attach disposal receipt. YES

33. If tank(s) are intended to be reused, identify new tank site.

Name: NA Date: NA

Address: NA

Purpose of Reuse: NA

WORK PERFORMED BY:

DEQ Service Provider's License #: 12391

Name: Foss Environmental Services

Telephone: 283-1150

DEQ Decommissioning Supervisor's License #: 12997

Name: Bob Janak

Telephone: 283-1150

CHECKLIST FILING:

Provide copy of checklist to the UST owner and operator.

Send completed checklist to the DEQ headquarters within 30 days after the excavation is backfilled.

OTE: If contamination was found during decommissioning and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Send Completed Form to:

Department of Environmental Quality
UST Program - Decommissioning Checklist
811 S.W. Sixth Ave.
Portland, Oregon 97204

I have personally reviewed this decommissioning checklist and find it to be true and complete.

Signature: _____ Date: 5/28/93
(Licensed Supervisor)

Signature: _____ Date: 5/28/93
Operator

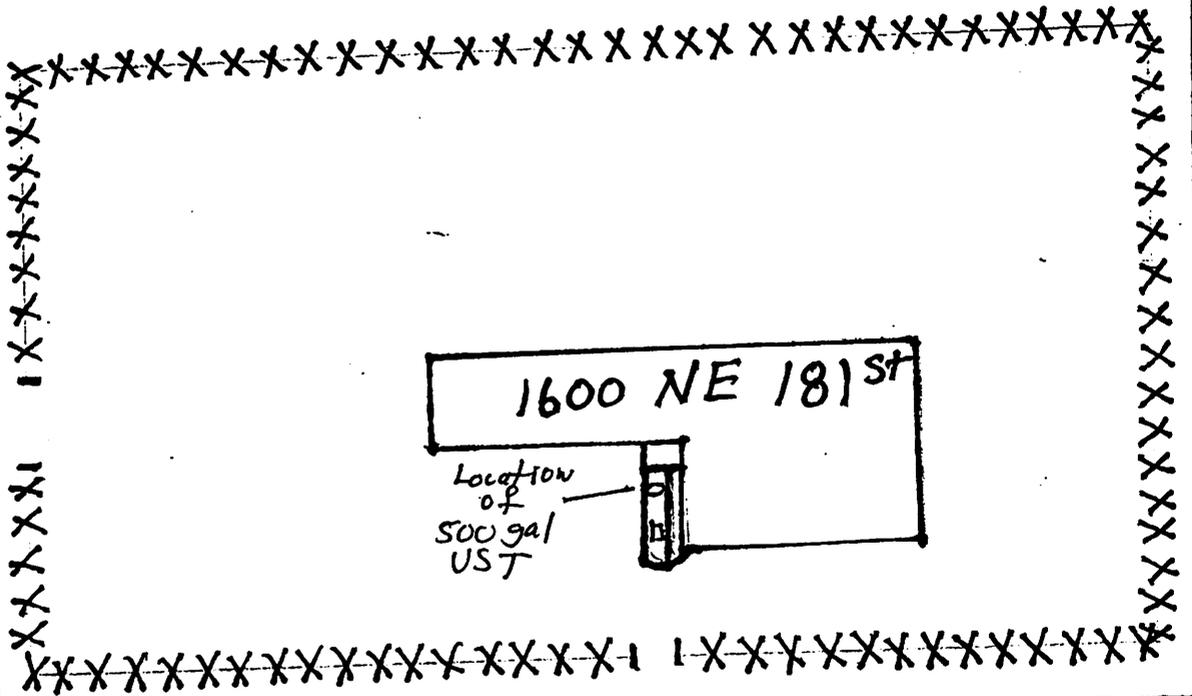
Information: (503) 229-3559 or Toll Free in Oregon 1-800-452-4011

APPENDIX D

Laboratory Data and Chain of Custody and Site Maps



NE 181st

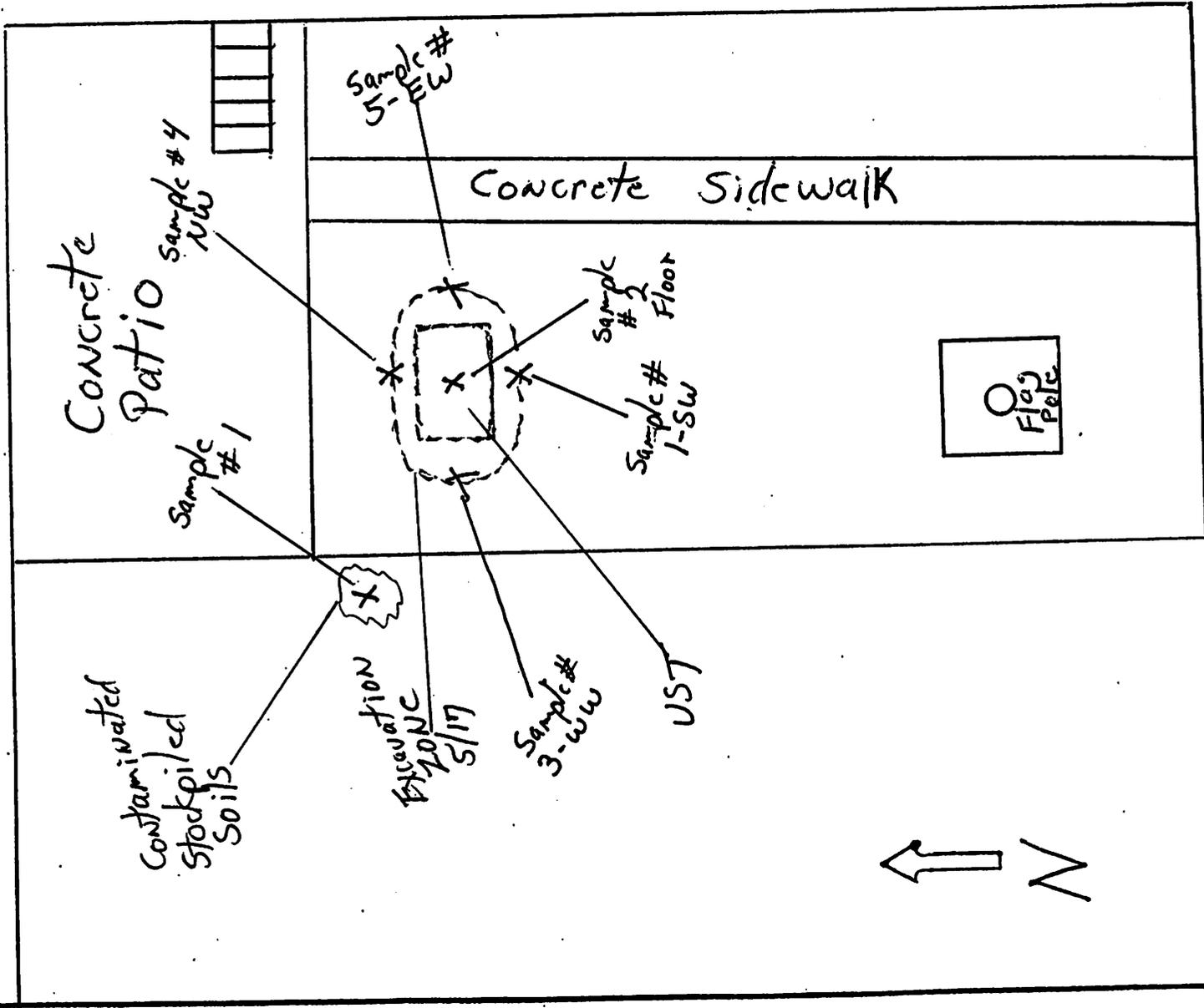


NE Halsey

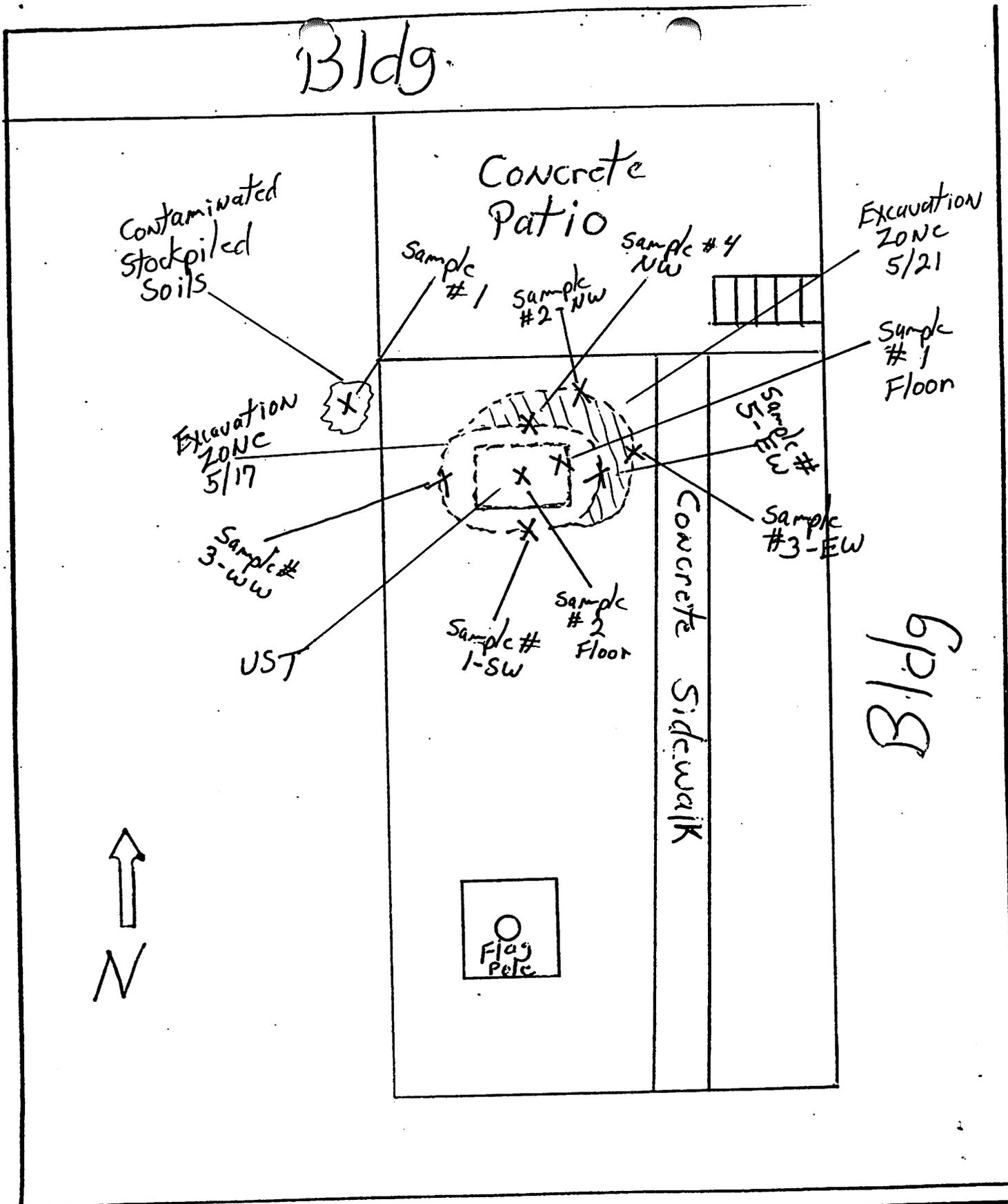
DATE	5-17-93	Cotter & Company 1600 NE 181st Portland, Oregon 97230	SCALE
PROJECT NO.	37103		NA
DRAWN BY	BJ	Site Map	FIGURE
APPROVED BY	BJ		1

Bldg.

Bldg



DATE	5-17-93	Cotter & Company	SCALE	NA
PROJECT NO.	37103	1600 NE 181ST	FIGURE	2
DRAWN BY	BJ	Portland, OR. 97230		
APPROVED BY	BJ	Site Sampling Map		



DATE	5-21-93	Cotter & Company 1600 NE 181st Portland, OR. 97230 Site Sampling Map	SCALE
PROJECT NO.	37103		NA
DRAWN BY	BJ		FIGURE
APPROVED BY	BJ		3



5420 NORTH LAGOON DRIVE • PORTLAND, OREGON 97217

Chain of Custody/ Laboratory Analysis Request

DATE 5-17-93 PAGE _____ OF _____

PROJECT Industrial Planners # 37103
 CLIENT INFO. Cotter & Co.
 CONTRACT # _____
 CHEMPRO DIVISION/GENERATOR NAME Bob Janak
 TELEPHONE # 283-1150
 SAMPLERS NAME Bob Janak PHONE # 283-1150
 SAMPLERS SIGNATURE _____

ANALYSIS REQUESTED					OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?							
BASE/NEU/ACID ORGAN. GC/MS/625/8270	VOLATILE ORGANICS GC/MS/624/8240	PCB's 608/8080	TPH (circle method) 418.1 or 8015	BETX (circle method) 8240 or 8020	F-LISTED SOLVENTS 8240			TCLP F-LISTED SOLVENTS 1311/8240	TCLP METALS D004-11	METALS (TOTAL) As, Ba, Cd, Cr, Cu, Pb, Ni, Hg, Ag, Se, Ti, Sb, Zn	TCLP ORGANICS (specify methods) • VOA's 8240 • BNA's 8270 • Pesticides 8080 • Herbicides 8150	DISCHARGE TESTING		
											X	X		
2.														
3.														
4.														
5.														
6.														
7.														
8.														

Relinquished By <u>Bob Janak</u>	Relinquished By	Relinquished By
Signature <u>Bob Janak</u>	Signature	Signature
Printed Name <u>FESC</u>	Printed Name	Printed Name
Firm <u>5/17/93 11:35</u>	Firm	Firm
Date/Time	Date/Time	Date/Time
Received By <u>G. Bolt</u>	Received By	Received By
Signature <u>Greg Bolt</u>	Signature	Signature
Printed Name <u>Greg Bolt</u>	Printed Name	Printed Name
Firm <u>Antest</u>	Firm	Firm
Date/Time <u>5/17/93 11:35</u>	Date/Time	Date/Time

SPECIAL INSTRUCTIONS/COMMENTS:
PO# P 2249



AmTestInc.

Professional
Analytical
Services

9205 S.W. Nimbus Ave
Beaverton, OR
97005

Tel: 503 626 7424
Fax: 503 643 1460

ANALYSIS REPORT

C
L Bob Janek
I Foss Environmental
E 5420 North Lagoon Drive
N Portland OR 97217
T

Date Received: 5/17/93
Date Analyzed: 5/17/93
Date Reported: 5/18/93
Job Number: 13701
Page 1 of 2

P.O. # P-2249
Project - Industrial Planners
Sample Type - Soil

Analysis - TPH-HCID

Lab Number	Client Identification	Results			Surrogate** Recovery %
		Gasoline	Diesel	Other*	
13701	#1 Cont Soil	ND	Positive	ND	61/98
Lab Blank	5/17/93	ND	ND	ND	70/87

ND = None Detected

Detection Limits: Gasoline - 20 mg/Kg; Diesel - 50 mg/Kg
*Higher boiling petroleum products
**Trifluorotoluene/p-terphenyl

Reported By David Senn
QA Check GB

Greg Bolt
Greg Bolt
Laboratory Manager



AmTest Inc.

Professional
Analytical
Services

9205 S.W. Nimbus Ave.
Beaverton, OR
97005

Tel: 503 626 7424
Fax: 503 643 1460

ANALYSIS REPORT

C
L Bob Janek
I Foss Environmental
E 5420 North Lagoon Drive
N Portland OR 97217
T

Date Received: 5/17/93
Date Analyzed: 5/18/93
Date Reported: 5/19/93
Job Number: 13701
Page 2 of 2

P.O. # P-2249
Project - Industrial Planners
Sample Type - Soil

Analysis - TPH-418.1 (Modified)
Results mg/kg (ppm)

Lab Number	Client Identification	Results mg/kg (ppm)
13701 Lab Blank	#1 Cont Soil 5/18/93	470 ND

Detection Limit: 20 mg/kg

ND = None Detected

Reported By Bob Hinson
QA Check GM

Greg Bolt
Greg Bolt
Laboratory Manager

Champion of Custody! Laboratory Analysis Request

DATE 5-19-93 PAGE 1 OF 1

PROJECT <u>Industrial Planners 32103</u> CLIENT INFO <u>Cotton & Co.</u> CONTACT <u>Bob Jenak</u> CHEMISTS DIVISION/GENERATOR NAME <u>Bob Jenak</u> TELEPHONE # <u>283-1150</u> SAMPLERS NAME <u>Bob Jenak</u> PHONE # <u>283-1150</u> SAMPLERS SIGNATURE _____				ANALYSIS REQUESTED <input type="checkbox"/> BASE/NEU/ACID ORGAN. GC/MS/625/8270 <input type="checkbox"/> VOLATILE ORGANICS GC/MS/624/8240 <input type="checkbox"/> PCB's 608/8080 <input type="checkbox"/> TPH (circle method) 418.1 or 8015 <input type="checkbox"/> BETX (circle method) 8240 or 8020 <input type="checkbox"/> F-LISTED SOLVENTS 8240 <input type="checkbox"/> TCLP F-LISTED SOLVENTS 1311/8240 <input type="checkbox"/> TCLP METALS D004-11 <input type="checkbox"/> METALS (TOTAL) As, Ba, Cd, Cr, Cu, Pb, Ni, Hg, Ag, Se, Tl, Sb, Zn <input type="checkbox"/> TCLP ORGANICS (specify methods) • VOA's 8240 • BNA's 8270 • Pesticides 8080 • Herbicides 8150 <input type="checkbox"/> DISCHARGE TESTING <u>TPH 418.1 DEF</u>				OTHER (Specify)		NUMBER OF CONTAINERS RECEIVED IN GOOD CONDITION?			
SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE									
1. #1 - SW	5-17	11:50		Soil									
2. #2 - Floor	5-17	12:05		Soil									
3. #3 - WW	5-17	12:15		Soil									
4. #4 - NW	5-17	12:20		Soil									
5. #5 - EW	5-17	12:25		Soil									
6.													
7.													
8.													
Relinquished By <u>Bob Jenak</u> Signature _____ Printed Name <u>Bob Jenak</u> Firm <u>FESC</u> Date/Time <u>5/19/93 0800</u>				Relinquished By _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				SPECIAL INSTRUCTIONS/COMMENTS: <u>PO # P2252</u> <u>Rush 24 hr.</u>					
Received By <u>C. Bolt</u> Signature _____ Printed Name _____ Firm _____ Date/Time <u>5/19/93 9:45</u>				Received By _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____									
Relinquished By _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				Relinquished By _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____									
Received By _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				Received By _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____									



AmTest Inc.

Professional Analytical Services

9205 S.W. Nimbus Ave.
Beaverton, OR 97005

Tel: 503 292 0554

ANALYSIS REPORT

C
L Bob Janek
I Foss Environmental
E 5420 North Lagoon Drive
N Portland OR 97217
T

Date Received: 5/18/93
Date Analyzed: 5/19/93
Date Reported: 5/19/93
Job Number: 13802-6

Page 1 of 1

P.O. # P-2252
Project - Industrial Planners 37103
Sample Type - Soil

Analysis - TPH-418.1 (Modified) Results mg/kg (ppm)

Lab Number	Client Identification	Results mg/kg (ppm)
13802	#1-SW	380
13802-Dup	#1-SW	430
13803	#2-Floor	1,400
13804	#3-WW	28
13805	#4-NW	2,300
13806	#5-EW	2,400
Lab Blank	5/19/93	ND

Detection Limit: 20 mg/kg

ND = None Detected

QC Information

Spike (Reference Oil) Recovery - 93%

Reported By Beth Hinson

QA Check GB

Greg Bolt
Greg Bolt
Laboratory Manager



AmTest Inc.

Professional
Analytical
Services

9205 S.W. Nimbus Ave.
Beaverton, OR
97005

Tel: 503 626 7424
Fax: 503 643 1480

ANALYSIS REPORT

C
L Bob Janek
I Foss Environmental
E 5420 North Lagoon Drive
N Portland OR 97217
T

Date Received: 5/24/93
Date Analyzed: 5/25/93
Date Reported: 5/26/93
Job Number: 14401-3
Page 1 of 1

P.O. # P-2262
Project - Cotter & Co.
Sample Type - Soil

Analysis - TPH-418.1 (Modified)
Results mg/kg (ppm)

Lab Number	Client Identification	Results mg/kg (ppm)
14401	#1 Floor	ND
14402	#2 NW	23
14402-Dup	#2 NW	23
14403	#3 EW	48
Lab Blank	5/25/93	ND

Detection Limit: 20 mg/kg

ND = None Detected

Reported By Bob Hinman

QA Check GB

Greg Bolt
Greg Bolt
Laboratory Manager

APPENDIX E

Matrix Score Sheet and Checklist

Wether & Company
1600 NE 181st
Portland, OR. 97230

Matrix Checklist

- YES 1. The release of petroleum has been reported to the Department of Environmental Quality (220).
- YES 2. The Matrix score sheet attached to this checklist has been completed for this site, unless the site is being cleaned up to the most stringent cleanup level (320).
- YES 3. If the cleanup level used for this site is one of the three diesel cleanup levels, a hydrocarbon identification (HCID) test has been performed which proves that the soil contamination is not from gasoline (335(3)).
- YES 4. A sketch has been made of this site (345(1)). This sketch clearly shows:
- a. The location of all buildings and other key features, both man-made and natural;
 - b. The names of adjacent streets and properties;
 - c. The location of all excavations including those that were for the removal of tanks and associated piping as well as those that were strictly for the removal of contaminated soils;
 - d. The location of all product storage tanks, lines and dispensers, including those that were decommissioned as well as those that remain on the site; and
 - e. The locations from which all soil and water samples were collected.
- YES 5. If any contaminated soil in excess of matrix limits has been left on site, the reason for leaving this soil has been explained and the requirements of 355(4) have been met.
- NA 6. If water was present in the tank pit, the Department was notified, the water was pumped from the pit, and the requirements of 340(4) have been met.
- YES 7. All soil and/or water samples have been collected, coded, stored and shipped as specified in the rules, and proper chain-of-custody forms have been filled out (345).
- YES 8. All final confirmatory soil samples have been analyzed using the methods required by the Department (350).
- NA 9. If a tank was decommissioned in place, the Department gave prior approval for a site-specific sampling plan (340(5)).
- YES 10. A report has been prepared which contains all of the information required by the rules (360).

Walter & Company
 1600 NE 181st
 Portland, OR 97230

MATRIX SCORE SHEET

1. Depth to Groundwater < 25 feet (10) 25 - 50 feet (7) 51 - 100 feet (4) > 100 feet (1)	7
2. Mean Annual Precipitation >40 inches (10) 20 - 40 inches (5) <20 inches (1)	10
3. Native Soil Type Coarse sands, gravels (10) Silts, fine sands (5) Clays (1)	10
4. Sensitivity of Uppermost Aquifer Sole Source (10) Current Potable (7) Future Potable (4) Non-potable (1)	4
5. Potential Receptors Many, near (10) Medium (5) Few, far (1)	5
TOTAL SCORE =	36

Matrix Score	Cleanup Level in ppm TPH	
	Gasoline	Diesel
Level 1: > 40 pts.	40	100
Level 2: 25 - 40 pts.	80	500 ←
Level 3: < 25 pts.	130	1000

APPENDIX F
CONTAMINATED SOIL DISPOSAL RECEIPTS

Portland, Oregon
Soil Recycling Facility

OREGON HYDROCARBON INC.
(a TPS Technologies Inc. company)
SOIL DATA AND CERTIFICATION SHEET

Date: 5-19-93

Generator and/or Client:

Cotter & Company
1600 NE 181st Ave
Portland, OR 97230
665-6191

Consultant/Engineering Firm:

Foss Environmental Services
5420 N. HAYDON AVE.
PORTLAND, OR 97217 #37103
283-1150 Bob Janak POF P2260

Testing Laboratory (include contact person and phone #):

AM TEST, INC.
Greg Bolt 626-7424

Sampling procedures and location (attach add'l sheets and map)

Standard industry protocol
4 walls & 1 floor below UST

Site History (list address, describe contamination type, contamination source, how contamination was stored, past activities at site - Attach additional sheet if necessary)

Hardware distribution center
Diesel UST for standby generator

Estimated Qty (Tons):

40 (Est)

State Classification:

Please check appropriate box below and attach all required analytical reports, including test methodologies used. Unless otherwise noted, composite samples should be collected with the following frequency: One (1) sample for 250 tons or less; two (2) samples for 500 tons or less and one (1) additional sample for each 500 additional tons.

I/We certify that the soil referenced herein is contaminated solely by virgin petroleum products from leaking underground storage tank(s).

Attach analysis for the following:

1. Total Petroleum Hydrocarbons ID test (Method TPH-HCID)
2. If Method TPH-HCID shows gasoline is present, perform a Total Petroleum Hydrocarbons test for gasoline (Method TPH-G or EPA Method 8020)
3. If Method TPH-HCID shows that diesel, heating oil, and/or Bunker C are present, perform Total Petroleum Hydrocarbons tests for fuel oils (EPA Method 418.1 Modified)
4. If Method TPH-HCID shows that both gasoline and diesel or heating oils are present, then both types of TPH test must be performed.

I/We certify that some or all of the contaminants in the soil referenced herein is waste oil, or some other non-virgin petroleum product or virgin petroleum from something other than a leaking underground storage tank.

Attach analysis for the following:

1. Total Petroleum Hydrocarbons ID test (Method TPH-HCID)
2. If Method TPH-HCID shows gasoline is present, perform a Total Petroleum Hydrocarbons test for gasoline (Method TPH-G or EPA Method 8020)**
3. If Method TPH-HCID shows that diesel, heating oil, and/or Bunker C are present, perform Total Petroleum Hydrocarbons tests for fuel oils (EPA Method 418.1 Modified)
4. If Method TPH-HCID shows that both gasoline and diesel or heating oils are present, then both types of TPH test must be performed.
5. Halogenated Volatile Organic compounds (EPA Method 8240)
6. PCB's and Halogenated Pesticides (EPA Method 8080)
7. TCLP (EPA Method 1311) metals concentration for a) through h):
a) arsenic c) cadmium e) lead g) selenium
b) barium d) chromium f) mercury h) silver

** If elevated benzene levels are detected, an additional TCLP benzene test may be required in an above-ground spill or leak situation.

No soils referenced herein may be delivered until the foregoing certificate is received and approved by OHI, and OHI issues manifests and assigns a delivery date. If any soils delivered to OHI are found to be "hazardous waste" pursuant to federal or state regulations, Client shall be solely responsible for their removal. If Client fails to so remove such soils, OHI, acting as Client's agent, may arrange for such removal at Client's expense.

This is a complete and accurate description of the soil referenced herein; no deliberate or willful omissions have been made and all known or suspected hazards have been disclosed herein. I/We further hereby certify that the soil is not "hazardous" as defined by U.S. Department of Transportation (DOT), U.S. Environmental Protection Agency (EPA), State or local regulations. All required analysis reports are attached.

Generator's Authorized Signatory: _____ Date: _____

Print Name: _____ Title: _____

Engineer/Environmental Firm Authorized Signatory: Bob Janak Date: 5-19-93

Print Name: Bob Janak Title: Project Manager

OREGON HYDROCARBON INC.

SE07-00061-001 Time In 11:22 Time Out 11:33 Date 05-26-93

name: FOSS ENV/COTTER
address: 1600 NE 181ST AVE
location: PORTLAND, OR

Gross: 78920 INB
Tare : 32820
=====

Net : 46100

00705
01
QSS
TAN IRISH

Net Tons: 23.05

CC90809

Manifest

TPS Technologies Soil Recycling Non-Hazardous Soils

Manifest

Date of Shipment: - -	Responsible for Payment: CONSULTANT	Transporter Truck #:	Facility #: 07	Given by TPS: 00061	Load #: 1001
--------------------------	---	----------------------	--------------------------	-------------------------------	------------------------

Generator's Name and Billing Address: COTTER & CO. 1600 NE 181ST AVENUE PORTLAND, OR 97230	Generator's Phone #: (503) 665-6191	Generator's US EPA ID No.:
	Person to Contact:	
	FAX #:	Customer Account Number with TPS:

Consultant's Name and Billing Address: FOSS ENVIRONMENTAL 5420 N LAGOON AVENUE PORTLAND, OR 97217	Consultant's Phone #: (503) 283-1150	Customer Account Number with TPS:
	Person to Contact: BOB JANAK	
	FAX #:	1000459

Generation Site (Transport from): (name & address) COTTER & CO. 1600 NE 181ST AVENUE PORTLAND, OR 97230	Site Phone #: () -	BETX Levels ppb
	Person to Contact:	TPH Levels 400 F ppm
	FAX #:	AVG. Levels ppb ppm

Designated Facility (Transport to): (name & address) Oregon Hydrocarbon Inc. 9333 North Harborgate Street Portland, OR 97203	Facility Phone #: (503) 735-9525	Facility Permit Numbers
	Person to Contact: Gienna Mullan	
	FAX #: (503) 240-1712	

Transporter Name and Mailing Address:	Transporter's Phone #: () -	Transporter's US EPA ID No.:
	Person to Contact:	Transporter's DOT No.:
	FAX #:	Customer Account Number with TPS:

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			78420	32820	46100
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above.

Print or Type Name: Generator Consultant Signature and date: _____ Month _____ Day _____ Year _____

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received.

Print or Type Name: **K STAN FAISH** Signature and date: _____ Month _____ Day _____ Year _____

Discrepancies: 

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: **Jackie Christina** Signature and date: _____

26-93-07 26-93-089 NWR

Oregon Department of Environmental Quality
NOTICE OF UNDERGROUND STORAGE TANK PERMANENT DECOMMISSIONING/SERVICE CHANGE

FACILITY (Location of Tanks)

Name: Cotter & Company
 Address: 1600 N.E. 181st Ave
Portland, OR. 97230
 Phone: (503) 665-6191

TANK OWNER

Name: Cotter & Company
 Address: 1600 NE 181st Ave
Portland, OR. 97230
 Phone: (503) 665-6191

DEQ Facility I.D. Number: 3096 5096

Work To Be Performed By: Foss Environmental Services License # 12391
 (Owner or Licensed Service Provider)

Phone: 283-1150 - Bob Janak Mobile Phone: _____

FORM MUST BE SUBMITTED BY UST OWNER OR OPERATOR 30 DAYS BEFORE START OF WORK

YOU MUST CONTACT YOUR LOCAL DEQ REGIONAL OFFICE 3-DAYS BEFORE STARTING ANY DECOMMISSIONING WORK. (Phone numbers are listed on reverse)

Will tank removal or potential cleanup affect adjacent property or Right-of-Way property? Yes ___ No X

Date decommissioning is scheduled to begin: June 1, 1993 39 yrs due

Tank #	DEQ UST Permit	Tank Size in (Gallons)	Product: Gasoline, Diesel, Used Oil, Other?		Closure or Service Change?			Tank to be Replaced?	
			Present	New	Tank Removal	Closure [∞] Inplace	New [∞] Product	Yes*	No
1	BAPDC JNEA	500	Gasoline		YES				X

Department of Environmental Quality
RECEIVED
 APR 14 1993
 UST Compliance Section

* If decommissioned tank(s) are to be replaced by new underground storage tanks you must submit a new permit application containing information on the new tanks 30 days before placing them in service.

[∞] Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, or 3) tank contains a regulated substance other than petroleum.

Signature: Bob Janak Date: 4/13/93
 (Owner or Operator)

April 20, 1993

Facility ID No.: 5096

Dear Tank Owner/Permittee:

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

We received a decommissioning notice on April 14, 1993 for 1 underground storage tank(s) located at:

Cotter & Company
1600 NE 181st Avenue
Portland, OR 97230

There are apparently some discrepancies between our record and the information on your decommissioning form. The following concerns must be resolved **BEFORE** decommissioning can proceed:

- Inadequate information to identify tanks.
- One or more of the tanks are not permitted.
- Permit fees for 1988 1989 1990 1991 1992 or 1993 are past due.
- The contractor you have identified is not licensed or you did not identify a contractor. Note that a DEQ licensed contractor is required when work is done by anyone other than the tank owner.

Please contact Cindy Salter at (503) 229-5733 to provide the additional tank identification information, to obtain details on which tanks need to be permitted and permit application forms, to arrange payment of fees (\$25 per tank per year), or to receive a list of licensed contractors.

Failure to resolve any of the discrepancies before proceeding with decommissioning is a violation of the Department's regulations and may be subject to enforcement. Your cooperation in resolving any potential problems in a timely manner is appreciated.

An assessment must be conducted at all tank sites and contamination must be reported within 24 hours of discovery. OAR 340-122-301 through 340-122-360 contains the sampling requirements necessary when decommissioning underground storage tanks. As soon as contamination is identified in any manner, including observations of visible staining or odors, it must be reported. If obvious signs of contamination are present in the excavation, **DO NOT** wait until you receive the sample results to report the contamination.

If you need to report contamination or have any general questions regarding site cleanup or compliance issues, please contact the regional office at the number listed below.



811 SW Sixth Avenue
Portland, OR 97204-1390
(503) 229-5696
TDD (503) 229-6993
DEQ-1



page 2
Cotter & Company
April 20, 1993

***** REMINDER:** The UST Decommissioning/Change-In-Service Report form and the UST Decommissioning Checklist form must be submitted within 30 days after completion of work.

Sincerely,



Cindy Salter
Office Specialist, UST Compliance Section
Hazardous & Solid Waste Division

cc: Northwest Region Office - 229-5263

UST - 3 DAY NOTICE

REMOVAL * 30 Day Notice? (Y) N
 INSTALL * Permit Application Completed? Y N

Date: 5-13-93 Time: _____ Expected Activity Date: 5-17

Facility Name: Cornell-Shell

Address: 10690 N.W. Cornell

Portland, OR Phone: 646-2940

Facility ID #: 3892

Service Provider: PetroCon

Nel Gorrard Phone: 266-1492

License #: 10096

Tank I.D. #	No. of Tanks	Size of Tanks.	Contents of Tank
<u>FJKK</u>	<u>1</u>	<u>4000</u>	<u>?</u>
<u>FJKA</u>	<u>1</u>	<u>4000</u>	<u>.</u>
<u>FHTJ</u>	<u>1</u>	<u>6000</u>	<u>.</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____



MATRIX CLEANUP EXCAVATION CLOSURE APPROVAL

Site Information

Site Name: *Cotter and Company*
Site Address: *1600 NE 181st Ave.
Portland OR*

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

USTC Log Number: *26-93-089*

Date Approved: *5-25-93*

Facility ID No.: *5096*

Approved by: *Shula Monroe*

Service Provider Information

Individual Name: *Bob Janak*

Company Name: *Foss Environmental* License No.: *12391*

Address: *5420 N Lagoon Ave
Portland OR 97217*

This is to confirm that verbal authorization has been given to backfill or close the excavation located at the facility referenced above, pursuant to OAR 340-162-020(7) or OAR 340-163-020(6). Following completion, a copy of your signed checklist, as required by OAR 340-162-020(5) or OAR 340-163-020(4) and a copy of your final report, as required by OAR 340-122-350 must be submitted to the Department.

This authorization merely signifies that the Department was notified of a proposed excavation closure and was unable to schedule a field inspection at that time.

Authorization to close is not a Department determination that the soil cleanup has been completed in compliance with the requirements of OAR 340, Division 122. Upon a review of the checklist and final report referenced above, the Department will make a final determination on compliance with numeric cleanup standards. If you have any questions, please contact the Northwest Region at 503-229-5263.

cc: UST Compliance Section, HSW
UST Cleanup Section, ECD
NWR UST Cleanup project file
NWR Service Provider file



811 SW Sixth Avenue
Portland, OR 97204-1390
(503) 229-5696



Mailed: 5-24-93

DEQ FILE NO.: 26-93-089

SITE NAME: Cotter AND COMPANY

SITE ADDRESS: 1600 NE 181st AVENUE

PORTLAND, OREGON 97230

RESPONSIBLE PARTY NAME: TOM STATHAM

RP COMPANY NAME: Cotter AND COMPANY

MAILING ADDRESS: 1600 NE 181st AVENUE

PORTLAND, OREGON 97230

DATE RELEASE REPORTED TO DEQ: 5-17-93

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

A release has been reported from an underground storage tank (UST) system at your facility located at the address listed above. As the responsible party for the facility, you are required to clean up the release according to OAR 340-122-201 through 340-122-360.

An Initial Report Form for UST Cleanup Projects is enclosed, which needs to be completed and returned to this office within twenty (20) days from the date the release was reported. An outline of additional reporting requirements and due dates is also enclosed.

Please read the rules carefully. As the responsible party, you should be aware of the regulations and requirements, even if you have hired a qualified consultant or service provider to do the actual work.

Please reference the DEQ File Number listed in the top left corner of this letter in all future correspondence and reports.

The Department is required to recover oversight costs on projects that we review and provide a final notice of compliance or "closure letter". As provided in the law, all petroleum contamination sites are eligible for recovery of costs by the Department. In order to receive oversight and more effectively schedule your project you will be asked to sign, and return within 30 days, an agreement to pay oversight costs with the Department. Not entering into the agreement does not release you from responsibility for investigation and/or cleanup of the contamination. Please read the attached information on the cost recovery process; contact Darby Bacon at 503-229-6635 if you have questions on cost recovery.

Thank you for your cooperation and continued efforts to comply with the regulations. If you have any questions, please contact the UST Section of Northwest Region at 503-229-5263.

A copy of the UST Cleanup Manual

is enclosed
 will be provided upon request



1500 SW First Avenue
Suite 750
Portland, OR 97201-5884
(503) 229-5263
DEQ-1

This report is due within twenty (20) days from the date of the release.

MAY 28 1993

NORTHWEST REGION

SITE INFORMATION

*DEQ File No.: 26-93-089 *Date of Release: 5-17-93
 Site Name: Cotter & Company
 Site Address: 1600 NE 181ST AVENUE
Portland, Oregon 97230
 Responsible Party: Cotter & Company Phone: (503) 665-6191
 RP Mail Address: 1600 NE 181ST AVENUE
Portland, Oregon 97230
 Service Provider: Foss Environmental Phone: 283-1150
 SP Mail Address: 5420 N. LAGOON AVENUE
Portland, Oregon 97217

* Note: This information is listed on the cover letter received by the Responsible Party.

INITIAL CLEANUP INFORMATION

N Do you believe that this cleanup project can be conducted under the requirements for an UST Cleanup Matrix site?

- ▶ Groundwater use in the immediate area of the project (check all that apply) - complete whether or not the release is believed to have impacted groundwater.

Drinking water supply Industrial
 Agricultural Groundwater not used

- ▶ Facility location (check all that apply)

<100 ft. from a wetland or surface stream (circle one or both)
 within a residential area
 within an industrial/commercial area
 Other (describe): _____

- ▶ ? Current approximate depth to groundwater (in feet).
 ▶ ? Seasonal high groundwater level (in feet) if different.
 ▶ Describe how depths were determined: _____

INITIAL REPORT FORM FOR UST CLEANUP PROJECTS - PAGE 2

- Y N NA Did you take immediate action to prevent any further release of the regulated substance into the environment? EXPLAIN: UST was already removed when release was detected.
- Y N NA Were steps taken to identify and mitigate fire, explosion, and vapor hazards? EXPLAIN: There were NO apparent hazards at the time. The work area was secured.
- Y N NA Did you remove as much of the regulated substance from the UST system as necessary to prevent further release to the environment? EXPLAIN: UST was already removed when release was detected.
- Y N NA Did you visually inspect any aboveground releases or exposed below ground releases and prevent further migration of the released substance in surrounding soils and groundwater? EXPLAIN: UST was already removed when released was detected.
- Y N NA Are/were there any vapors present in buildings or utility corridors? If yes, are you continuing to monitor and mitigate any additional fire and safety hazards posed by vapors and free product? EXPLAIN: The UST was located outside the building.
- Y N NA Have you remedied any hazards posed by contaminated soils that were excavated or exposed as a result of release confirmation, site investigation, abatement, or cleanup activities? EXPLAIN: Soils were stockpiled, bermed & covered. Removed from site 5/26/93
- Y N NA Have you measured for the presence of a release where contamination is most likely to be present at the UST site? EXPLAIN: Soil samples were obtained from the walls & floor of the excavation
- Y N NA Did you investigate to determine the possible presence of free product and begin free product removal as soon as practicable? If yes, was the region notified? EXPLAIN: There was no free product present in the UST excavation.
- Y N Was groundwater initially encountered in the excavation? If yes, how was this water handled/disposed? How many gallons involved? EXPLAIN: NO Groundwater in excavation
- Y N Was a sheen or odor observed on any water in the excavation? If yes, DESCRIBE OBSERVATIONS: NO Groundwater in excavation.

U2F was

already removed when release was detected.

There were no significant changes at the time. The work was done on the spot.

U2F was already removed when release was detected.

U2F was already

removed when release was detected.

The U2F was located outside the building.

U2F was removed from site after

was obtained from the walls of the structure.

There was no significant change in the U2F structure.

U2F was removed in structure.

U2F was removed in structure.

INITIAL REPORT FORM FOR UST CLEANUP PROJECTS - PAGE 3

Y N Did groundwater recharge 24 hours after pumping the accumulated water in the excavation? If yes, what actions have you taken as a result? Did you resample the recharge water? EXPLAIN: _____

NO groundwater in excavation.

Y N Are any SOIL OR WATER SAMPLE RESULTS available at the time of this report? If yes, attach all laboratory analysis reports and chain of custody forms.

GENERAL INFORMATION FOR ALL CONTAMINATED SOILS MANAGEMENT

Note: All soils temporarily stockpiled onsite prior to treatment or disposal must be contained within a bermed area, kept covered (and the cover anchored), and the entire area secured to prevent unauthorized access by the public. Non-contaminated soils should be protected and kept separated from contaminated soil.

Y N The level of contamination noted is expected to require removal of contaminated soil for treatment or disposal. If yes, complete the following. If no, go to Page 4, "Report Prepared By".

▶ Type of petroleum contamination (check all that apply):

___ Gasoline Diesel ___ Waste Oil ___ Heating Oil

___ Other contamination (specify): _____

▶ Estimated volume of soil if known (tons or cubic yards): 15-20 cu yds.

▶ Intended Disposition of Soils (check appropriate method):

Treatment

Thermal treatment offsite at an authorized facility

Facility Name: Oregon Hydrocarbons, Inc. Phone No.: 735-9525

Facility Address: 9333 N. Harborside St. Portland, OR. 97283

___ Thermal treatment onsite with a mobil treatment unit **

Company Name: _____ Phone No.: _____

___ Offsite soil aeration¹ or bioremediation **

Treatment Site Address: _____

___ Onsite soil aeration or bioremediation **

___ Disposal

Landfill Name: _____ Phone No.: _____

Landfill Address: _____

¹ Offsite soil aeration is banned within the Portland METRO area - see enclosed fact sheet.

** Permit from DEQ required, see page 5 if you would like forms mailed.

INITIAL REPORT FORM FOR UST CLEANUP PROJECTS - PAGE 4

- ▶ Who will be conducting the soil treatment or disposal work?

Company Name: Oregon Hydrocarbons, Inc. Phone: (503) 735-9525
Contact Name: Lex

- ▶ What date(s) is the treatment or disposal intended to be started?

5-26-93

Note: You have approximately 30 days to stockpile contaminated soils onsite while making arrangements for proper disposal or treatment. After that time, you may be required to obtain a permit from DEQ for onsite management of the contaminated soil if you fail to take active measures to manage the soil in an appropriate manner.

THIS REPORT WAS PREPARED BY:

Date: 5-26-93

Individual: Bob Janak Phone: (503) 283-1150

Company: Foss Environmental Services Co.

Address: 5420 N. Lagoon Ave. Portland, OR 97217

If this report was NOT prepared by the Responsible Party:

Y N NA Are you the licensed Matrix Service Provider for the project and authorized by the Responsible Party to submit reports on their behalf?

Matrix Service Provider License No.: 12392

NOTE: This initial report is intended to provide the Department with the basic initial information about activities associated with the release. It is anticipated that future reports will be much more detailed and will provide a more complete picture of the entire cleanup project. If appropriate, you may reference this initial report in subsequent reports if the information does not need to be repeated for clarity.

- ▶ Please attach additional information as necessary to explain any unusual circumstances associated with the project or if you need more space to respond to any of the questions in this report form.

Return this form to: DEQ-Northwest Region
UST Section
1500 SW First, Suite 750
Portland, OR 97201

If you have questions, call 503-229-5263 and ask for the underground storage tank (UST) Duty Officer.

City of Portland
Department of Environmental Services
2000 NE Oregon Street, Portland, OR 97232
(503) 252-1222

EP-10-13

Dear Mr. [Name]:
This letter is to inform you that your account with the City of Portland is in arrears. The amount due is \$[Amount]. Please contact the City of Portland at (503) 252-1222 to make arrangements for payment.

EP-10-2
Bob Janak
(503) 252-1120

Environmental Services Co.
2100 N. Lombard Ave. Portland, OR 97208

12345

The City of Portland is committed to providing high-quality services to our residents. We strive to ensure that our services are efficient and effective. We encourage you to contact us if you have any questions or concerns.

Thank you for your attention to this matter. We appreciate your cooperation in resolving this issue. If you have any questions, please contact the City of Portland at (503) 252-1222.

Sincerely,
[Signature]
City of Portland
Department of Environmental Services

General Information:

▶▶▶▶▶▶▶▶ A permit from DEQ is required for the following activities ◀◀◀◀◀◀◀◀

- ___ Soil aeration, bioremediation (onsite or offsite) or onsite thermal treatment.
- ___ Water discharges to a stream/storm drain from excavations or treated groundwater.

Note: If there will be air emissions from pollution control equipment (e.g. air strippers, vapor extraction systems, etc.), notify the regional office by phone before installation. Have actual or estimated emissions calculated before calling.

Check any activities listed above that are anticipated for your cleanup project and the Department will send you the appropriate application forms to complete, information on permit fees and guidance documents as appropriate.

REMINDER: Submit UST Decommissioning/Change-in-Service Report forms and UST Decommissioning Checklists and Reports **DIRECTLY** to:

DEQ-UST Compliance Program Phone: 503-229-5759
811 SW 6th
Portland, OR 97204

Failure to do so can result in delays to your project; these reports must be received by the UST Compliance Program or the tank owner will continue to be billed for tank permit fees.

**REPORT DUE DATES AND INFORMATION TO BE SUBMITTED
FOR UST CLEANUP PROJECTS**

A. Within 20 days from the date the release was reported*

1. Complete all portions of the Initial Report Form for UST Cleanup Projects.

B. Within 45 days from the date the release was reported*

1. If cleanup (and the final report) cannot be completed within 45 days from the date of the release, submit an interim status report. The interim report must a) summarize the findings to-date, b) outline your planned actions for additional work, and c) include anticipated dates of completion for each action. Attach copies of any sample results and chain of custody forms for all samples collected to-date.
2. If cleanup is on-going, submit quarterly status reports (as described in item B.1 above) each January 1st, April 1st, July 1st, and October 1st unless otherwise specified by the DEQ Regional Office until cleanup is complete. Note: you do not need to resubmit copies of sample results already provided, but all data collected to-date should be mentioned in your summary reports.

C. Within 60 days from the date CLEANUP is considered COMPLETE

1. Submit the final cleanup report. The information that must be included is outlined in the UST Cleanup Manual, OAR 340-122-360.

D. Corrective Action Plans (CAP)

1. Once groundwater contamination has been confirmed and the investigation is complete, you will be required to submit a CAP for approval (some complex soil remediation projects may also require a CAP). If your project is not just a simple Matrix cleanup, contact the regional office listed below for specific information on how to proceed and what your reporting requirements will be.

* Note: The date the release was reported to DEQ is listed on the cover letter received by the Responsible Party.

Complete, step-by-step guidance on cleanup and reporting requirements is provided in the UST Cleanup Manual. Please refer to this manual for any specific information you may require. If you have further questions, please contact the regional office listed below.

SEND UST CLEANUP REPORTS TO: DEQ - NORTHWEST REGION
UST Section
1500 SW First, Suite 750
Portland, OR 97201
Phone: 503-229-5263 (UST Duty Officer)

Mailed: 5-24-93

DEQ FILE NO.: 26-93-089

SITE NAME: Cotter AND COMPANY
SITE ADDRESS: 1600 NE 181ST AVENUE
PORTLAND, OREGON 97230

RESPONSIBLE PARTY NAME: TOM STATHAM

RP COMPANY NAME: Cotter AND COMPANY

MAILING ADDRESS: 1600 NE 181ST AVENUE
PORTLAND, OREGON 97230

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

DATE RELEASE REPORTED TO DEQ: 5-17-93

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Please reference the DEQ File Number listed in the top left corner of this letter in all future correspondence and reports.

The Department is required to recover oversight costs on projects that we review and provide a final notice of compliance or "closure letter". As provided in the law, all petroleum contamination sites are eligible for recovery of costs by the Department. In order to receive oversight and more effectively schedule your project you will be asked to sign, and return within 30 days, an agreement to pay oversight costs with the Department. Not entering into the agreement does not release you from responsibility for investigation and/or cleanup of the contamination. Please read the attached information on the cost recovery process; contact Darby Bacon at 503-229-6635 if you have questions on cost recovery.

Thank you for your cooperation and continued efforts to comply with the regulations. If you have any questions, please contact the UST Section of Northwest Region at 503-229-5263.

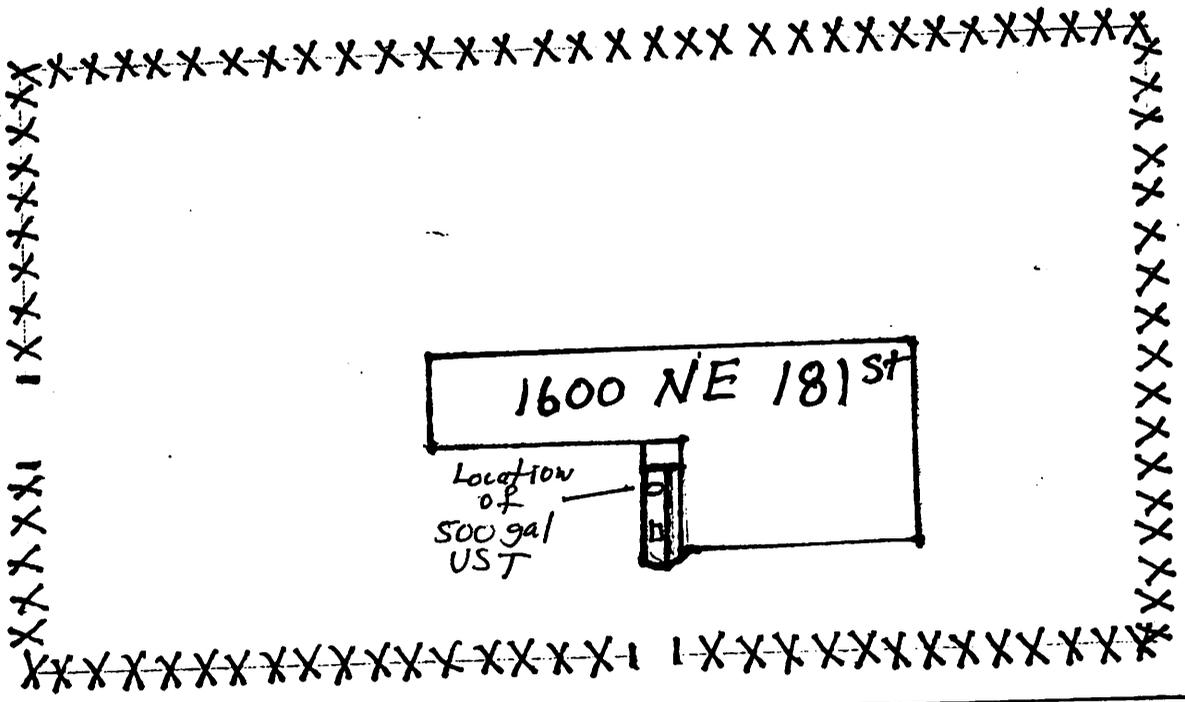
A copy of the UST Cleanup Manual
 is enclosed
 will be provided upon request



1500 SW First Avenue
Suite 750
Portland, OR 97201-5884
(503) 229-5263
DEQ-1

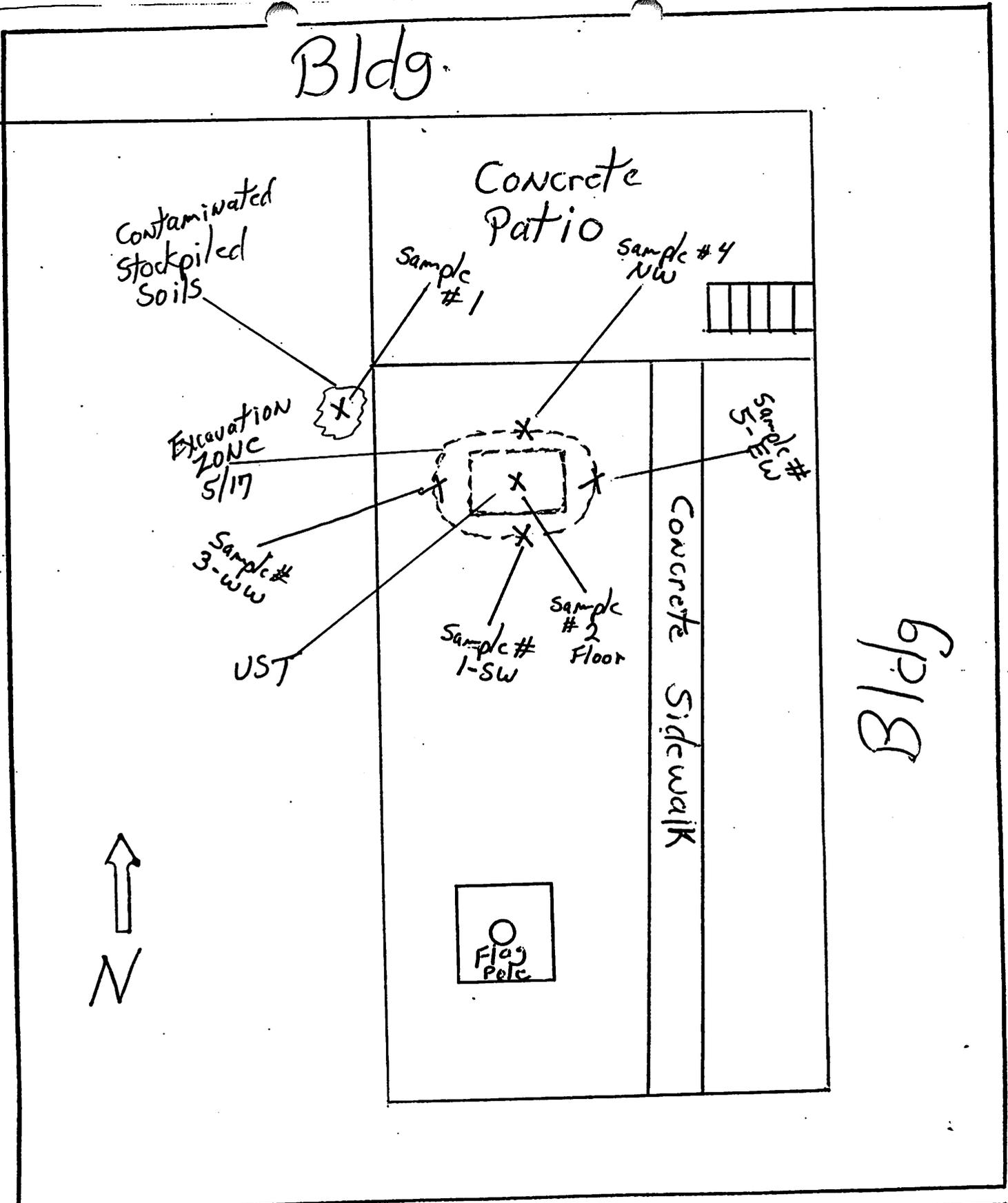


NE 181st



NE Halsey

DATE	5-17-93	Cotter & Company 1600 NE 181st Portland, Oregon 97230	SCALE
PROJECT NO.	37103		NA
DRAWN BY	BJ	Site Map	FIGURE
APPROVED BY	BJ		1



DATE	5-17-93	Cotter & Company 1600 NE 181st Portland, OR. 97230 Site Sampling Map	SCALE
PROJECT NO.	37103		NA
DRAWN BY	BJ		FIGURE
APPROVED BY	BJ		2

Bldg.

Contaminated
Stockpiled
Soils

Concrete
Patio

Excavation
ZONE
5/21

Sample
#1

sample
#2
NW

Sample #4
NW

Sample
#1
Floor

Excavation
ZONE
5/17

Sample #
3-ww

UST

Sample #
1-SW

Sample
#2
Floor

Sample #
5-EW

Sample
#3-EW

Concrete
Sidewalk

Bldg



DATE	5-21-93	Cotter & Company 1600 NE 181st Portland, OR. 97230 Site Sampling Map	SCALE
PROJECT NO.	37103		NA
DRAWN BY	BJ		FIGURE
APPROVED BY	BJ		3



AmTest Inc.

Professional Analytical Services

9205 S.W. Nimbus Ave.
Beaverton, OR 97005

Tel: 503 626 7424
Fax: 503 643 1460

ANALYSIS REPORT

C
L Bob Janek
I Foss Environmental
E 5420 North Lagoon Drive
N Portland OR 97217
T

Date Received: 5/17/93
Date Analyzed: 5/17/93
Date Reported: 5/18/93
Job Number: 13701
Page 1 of 2

P.O. # P-2249
Project - Industrial Planners
Sample Type - Soil

Analysis - TPH-HCID

Lab Number	Client Identification	Results			
		Gasoline	Diesel	Other*	Surrogate** Recovery %
13701	#1 Cont Soil	ND	Positive	ND	61/98
Lab Blank	5/17/93	ND	ND	ND	70/87

ND = None Detected

Detection Limits: Gasoline - 20 mg/Kg; Diesel - 50 mg/Kg

*Higher boiling petroleum products

**Trifluorotoluene/p-terphenyl

Reported By David Sauer
QA Check GB

Greg Bolt
Greg Bolt
Laboratory Manager



AmTestInc.

Professional
Analytical
Services

9205 S.W. Nimbus Av.
Beaverton, OR
97005

Tel: 503 626 7424
Fax: 503 643 1460

ANALYSIS REPORT

C
L Bob Janek
I Foss Environmental
E 5420 North Lagoon Drive
N Portland OR 97217
T

Date Received: 5/17/93
Date Analyzed: 5/18/93
Date Reported: 5/19/93
Job Number: 13701
Page 2 of 2

P.O. # P-2249
Project - Industrial Planners
Sample Type - Soil

Analysis - TPH-418.1 (Modified)
Results mg/kg (ppm)

Lab Number	Client Identification	Results mg/kg (ppm)
13701	#1 Cont Soil	470
Lab Blank	5/18/93	ND

Detection Limit: 20 mg/kg

ND = None Detected

Reported By Beth Hinson

QA Check GM

Greg Bolt
Greg Bolt
Laboratory Manager



5420 NORTH LAGOON DRIVE - PORTLAND, OREGON 97217

Chain of Custody/ Laboratory Analysis Request

DATE 5-19-93 PAGE 1 OF 1

PROJECT Industrial 91 Headers 32103

CLIENT INFO. Coffey & Co.

CONTACT Bob Jenek

OPERATIONS DIVISION/GENERATOR NAME Bob Jenek

TELEPHONE # 283-4550

SAMPLERS NAME Bob Jenek PHONE # 283-1150

SAMPLERS SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE
1. #1 - SW	5-17	11:50		Soil
2. #2 - Floor	5-17	12:05		Soil
3. #3 - WW	5-17	12:15		Soil
4. #4 - NW	5-17	12:20		Soil
5. #5 - EW	5-17	12:25		Soil
6.				
7.				
8.				

Relinquished By [Signature]

Signature [Signature]

Printed Name Bob Jenek

Firm FESC

Date/Time 5/19/93 0800

Received By [Signature]

Signature [Signature]

Printed Name [Name]

Firm [Firm]

Date/Time 5/19/93 9:44

ANALYSIS REQUESTED

BASE/NEU/ACID ORGAN. GC/MS/625/8270
VOLATILE ORGANICS GC/MS/624/8240
PCB's 608/8080
TPH (circle method) 418.1 or 8015
BETX (circle method) 8240 or 8020
F-LISTED SOLVENTS 8240
TCLP F-LISTED SOLVENTS 1311/8240
TCLP METALS D004-11
METALS (TOTAL) As, Ba, Cd, Cr, Cu, Pb, Ni, Hg, Ag, Se, Ti, Sb, Zn
TCLP ORGANICS (specify methods) <ul style="list-style-type: none"> • VOA's 8240 • BNA's 8270 • Pesticides 8080 • Herbicides 8150
DISCHARGE TESTING

OTHER (Specify)

TPH 418.1 DEF

NUMBER OF CONTAINERS
RECEIVED IN GOOD CONDITION?

SPECIAL INSTRUCTIONS/COMMENTS:

PO # P2252
Rush 24 hr.



AmTest Inc.

Professional
Analytical
Services

9205 S.W. Nimbus Ave.
Beaverton, OR
97005

Tel: 503 292 0554

ANALYSIS REPORT

C
L Bob Janek
I Foss Environmental
E 5420 North Lagoon Drive
N Portland OR 97217
T

Date Received: 5/18/93
Date Analyzed: 5/19/93
Date Reported: 5/19/93
Job Number: 13802-6
Page 1 of 1

P.O. # P-2252
Project - Industrial Planners 37103
Sample Type - Soil

Analysis - TPH-418.1 (Modified) Results mg/kg (ppm)

Lab Number	Client Identification	Results mg/kg (ppm)
13802	#1-SW	380
13802-Dup	#1-SW	430
13803	#2-Floor	1,400
13804	#3-WW	28
13805	#4-NW	2,300
13806	#5-EW	2,400
Lab Blank	5/19/93	ND

Detection Limit: 20 mg/kg

ND = None Detected

QC Information

Spike (Reference Oil) Recovery - 93%

Reported By Beth Hinson
QA Check GB

Greg Bolt
Greg Bolt
Laboratory Manager

Chain of Custody/ Laboratory Analysis Request

DATE: 5-21-93 PAGE 1 OF 1

PROJECT: <u>Cetter & Co.</u> # <u>37103</u> CLIENT/FIRM: <u>Bob Jank</u> CONTACT: <u>Bob Jank</u> CHEM/PROV DIVISION/GENERATOR NAME: <u>Bob Jank</u> TELEPHONE # <u>283-1150</u> SAMPLERS NAME: <u>Bob Jank</u> PHONE # <u>283-1150</u> SAMPLERS SIGNATURE: <u>Bob Jank</u>				ANALYSIS REQUESTED BASE/NEU/ACID ORGAN. GC/MS/625/8270 VOLATILE ORGANICS GC/MS/624/8240 PCB's 608/8080 TPH (circle method) 418.1 or 8015 BETX (circle method) 8240 or 8020 F-LISTED SOLVENTS 8240 TCLP F-LISTED SOLVENTS 1311/8240 TCLP METALS D004-11 METALS (TOTAL) As, Ba, Cd, Cr, Cu, Pb, Ni, Hg, Ag, Se, Ti, Sb, Zn TCLP ORGANICS (specify methods) • VOA's 8240 • BNA's 8270 • Pesticides 8080 • Herbicides 8150 DISCHARGE TESTING <u>DEQ T04 418.1</u>						OTHER (Specify)		NUMBER OF CONTAINERS		RECEIVED IN GOOD CONDITION?	
RECEIVED BY: <u>Bob Jank</u> SIGNATURE: <u>Bob Jank</u> PRINTED NAME: <u>Bob Jank</u> FIRM: <u>FESC</u> DATE/TIME: <u>5/24/93</u>		RECEIVED BY: _____ SIGNATURE: _____ PRINTED NAME: _____ FIRM: _____ DATE/TIME: _____		SPECIAL INSTRUCTIONS/COMMENTS: <u>PO# P2262</u> <u>Rush 24hr Turnaround</u>											
#1 - Floor 5/21 Soil #2 - NW 5/21 Soil #3 - EW 5/21 Soil															
#4 #5 #6 #7 #8															



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97006

Tel: 503 628 7424
Fax: 503 643 1480

ANALYSIS REPORT

C
L Bob Janek
I Foss Environmental
E 5420 North Lagoon Drive
N Portland OR 97217
T

Date Received: 5/24/93
Date Analyzed: 5/25/93
Date Reported: 5/28/93
Job Number: 14401-3
Page 1 of 1

P.O. # P-2262
Project - Cotter & Co.
Sample Type - Soil

Analysis - TPH-418.1 (Modified)

Lab Number	Client Identification	Results mg/kg (ppm)
14401	#1 Floor	ND
14402	#2 NW	23
14402-Dup	#2 NW	23
14403	#3 EW	48
Lab Blank	5/25/93	ND

Detection Limit: 20 mg/kg

ND = None Detected

Reported By Bob Hinson

QA Check GS

Greg Bolt
Greg Bolt
Laboratory Manager

UPDATES:
2-12-96
9-30-96

* PETROLEUM RELEASE FORM *
Please Check All That Apply

-----INCIDENT INFORMATION-----

LOG NBR: 26-93-089
UST FAC NBR: 5096
SITE NAME: Cotter & Company
SITE ADDRESS: 1600 NE 181st
SITE CITY: Portland ZIP: 97230
SITE COUNTY: Mult PHONE: _____

RECEIVED BY: RCS
DATE REPORTED: 5-17-93

- REGULATED UST
- NON-REGULATED UST
- HEATING OIL TANK

FUNDING

- LUST
- OHC
- HSRAF
- FINANCIAL ASST

PROJECT MANAGER: _____

- INVOICE START
- LTR. AGR. 2-7-96
- INVOICE STOP
- NFA SENT

-----MAIL CONTACTS-----

REPORTED BY
NAME: Bob Sanak
COMPANY: Foss Environmental
ADDRESS: 5420 N Lagoon
CITY: POX ZIP: 97217
STATE: OR PHONE: _____

RESPONSIBLE PARTY
NAME: Tom Statham
COMPANY: Cotter & Co.
ADDRESS: 1600 NE 181st
CITY: POX ZIP: 97230
STATE: OR PHONE: _____

INVOICE CONTACT
NAME: _____ RP 
COMPANY: _____
ADDRESS: _____
CITY: _____ ZIP: _____
STATE: _____ PHONE: _____

OTHER CONTACT(S)
NAME: _____
COMPANY: _____
ADDRESS: _____
CITY: _____ ZIP: _____
STATE: _____ PHONE: _____

-----SITE ASSESSMENT-----

DATE DISCOVERED: 5-17-93
 EMERGENCY RESP.
 ENFORCEMENT

- FURTHER CLEANUP REQ.
- NO FURTHER CLEANUP REQ.
- OFFSITE MIGRATION

L.I.P.S. SCORE (Region)

CONFIRMATION:

- SI) STAFF
- LD) LAB:DEQ
- LR) LAB:RP
- LO) LAB:OTHER
- RR) RP REPORT
- CN) CONTRACTOR
- OT) OTHER _____

DISCOVERY:

- RM) ROUTINE MONITORING
- DC) DECOMMISSIONING
- CP) COMPLAINT
- IC) INVENTORY CONTROL
- SA) SITE ASSESSMENT
- TT) TANK TEST
- OT) OTHER _____

CAUSE:

- TL) TANK LEAK
- PL) PIPE LEAK
- OF) OVERFILL
- SS) SURFACE SPILL
- PV) PUMP/VALVE LEAK
- OT) OTHER _____
- UN) UNKNOWN

-----CONTAMINANTS - IMPACTS-----

CONTAMINANTS:

- | | |
|--|---|
| <input type="checkbox"/> UG) UNLEADED GASOLINE | <input type="checkbox"/> SV) SOLVENT |
| <input type="checkbox"/> LG) LEADED GASOLINE | <input type="checkbox"/> BF) BUNKER FUEL |
| <input type="checkbox"/> MG) MISC. GASOLINE | <input type="checkbox"/> OP) OTHER PET. DIST. |
| <input checked="" type="checkbox"/> DS) DIESEL | <input type="checkbox"/> CH) CHEMICAL |
| <input type="checkbox"/> FO) FUEL OIL | <input type="checkbox"/> HO) HEATING OIL |
| <input type="checkbox"/> WO) WASTE OIL | <input type="checkbox"/> UN) UNKNOWN |
| <input type="checkbox"/> LB) LUBRICANT | <input type="checkbox"/> OT) OTHER _____ |

MEDIA/IMPACT:

- | |
|---|
| <input checked="" type="checkbox"/> SL) SOIL |
| <input type="checkbox"/> GW) GROUNDWATER |
| <input type="checkbox"/> SW) SURFACE WATER |
| <input type="checkbox"/> DW) DRINKING WATER |
| <input type="checkbox"/> FV) FACILITY (VAPOR) |
| <input type="checkbox"/> FP) FACILITY (FREE PROD) |

-----SITE - SOIL MANAGEMENT-----

RELEASE STOPPED: 5-17-93
CLEANUP STARTED: 5-17-93

REMEDIATION COMPLETED: 2-7-96
NO FURTHER ACTION: 9-26-96

SWLA PERMIT NUMBER: _____

DATE ISSUED: _____

AMOUNT OF SOIL (yds³) TREATED ON SITE: 23 tons
AMOUNT OF SOIL (yds³) TREATED OFF SITE: _____

- TREATMENT METHOD:
- | |
|---|
| <input type="checkbox"/> AREATION |
| <input checked="" type="checkbox"/> THERMAL |
| <input type="checkbox"/> BIOLOGICAL |
| <input type="checkbox"/> OTHER _____ |

AMOUNT OF SOIL (yds³) DISPOSED OF: 23 tons TREATED

UNTREATED

FINAL DISPOSITION OF SOIL:

<input type="checkbox"/> ONSITE
<input type="checkbox"/> LANDFILL

ROAD BASE

OTHER TPS Tech.

NOTES/COMMENTS: _____

This Space Provided For Regional Use

* L U S T F O R M *

INCIDENT INFORMATION

LUST Incident Nbr: LUST Log Nbr: 26-93-089 LUST Facility ID: 5096
Date Received: 5-17-93 Received By: RCS Emergency Resp Taken: Y N
Tank Identification: File Name: Coffer and Company
Street: 1600 NE 181st Ave
City: Portland Zip: 97230
County: Mult. Phone: 665-6191

Fund = LUST

Incident Comments:

CONTACT & MAIL TYPES

Reported By: Bob Janek LUST Contact: Responsible Party: Tom Statham
Company: Foss Environmental Company: Coffer + Company
Street: 5420 N. Lynn St. Street: 1600 NE 181st Ave
City: Portland Zip: 97217 City: Portland Zip: 97230
State: OR Phone: 283-1150 State: Phone: 665-6191

SITE ASSESSMENT

LUST Incident Nbr: (XXXXXXXXXXXX)
Date Investigated: Investigated By:
Release Exists: Y N Confirmation Method: A)Staff B)Lab:DEQ C)Lab:RP D)Lab:Other E)RP F)Other
Cleanup Necessary: Y N Regulated Tank: Y N Exposure Assessment: Y N
Off-Site Migration: Y N ? Estimated Gallons Released: ? Priority:
Discovery Date: 5-17-93
How Discovered: A)Routine Monitoring B)Inventory Control C)Decommissioning D)Site Assessment
E)Complaint F)Tank Test G)Other
Material Released: A)Unleaded Gasoline B)Leaded Gasoline C)Misc. Gasoline
D)Diesel E)Fuel Oil F)Waste Oil
G)Lubricant H)Solvent I)Bunker Fuel
J)Other Pet. Dist. K)Chemical L)Unknown
Source of Release: A)Tank Leak B)Pipe Leak C)Overfill D)Surface Spill
E)Pump/Valve Leak F)Other G)Unknown
Impacts: Soil Y N % ?
Groundwater Y N % ?
Surface Water Y N % ?
Drinking Water Y N % ?
Facility (Vapor) Y N % ?
Facility (Free Product) Y N % ?

Site Assessment Comments:

SITE MANAGEMENT

LUST Incident Nbr: (XXXXXXXXXXXX)
Date Released Stopped: 5-17-93
Cleanup Activity: Start Date: 5-17-93 Under Control Date: 5-17-93
End Date: Contractor Name: Foss Environmental
Cleanup Guideline: Matrix C.A.P. Cleanup Lead: RP SLW/TF SLW/OTF
Free Product Disposal: Est. Gallons:
Soil Disposal: Est. Cu/Yds:
Resp. Party:
Resp. Party:
Disposal Location:
Disposal Location:
Removal Date:
Removal Date:
Enforcement Action: Y N
Cost Recovery Initiated: Y N Source of Cost Recovery: Pct. R.P.:
Pct. SLW/TF:
Pct. SLW/OTF:
Estimations: Cost of Cleanup: Staff Time On Project:

Site Management Comments:

NWR UST CLEANUP SITE CHECKLIST
(for regional use only)

This site is:

- <40 ppm Matrix
- Regulated Tank
- Exempt Tank
- Oil Heat Commission eligible
- Other _____
(surface spill, non-petroleum UST, etc.)

Assign site to:

- Staff (your initials or staff for major RP)
- Unassigned at this time
(matrix only, soil aeration not anticipated)
- Needs to be tracked (supervisor to assign)
Reason:

Action:

- Send Initial Letter (with rules)
- Send Modified Letter (without rules)
- Send <40 ppm Letter (without rules)
- No letter required _____
(sending other letter, etc.)

Regulated Tank Information (Y/N):

- Tanks registered ID No. 5096 - JH5A
- Decommissioning notice (30 day) received
- 3 day notice received
- Fees current except 89?
- New tanks to be installed

Misc. Notes: