

f



September 30, 1996

BARTON BOBBITT
RIVER FORUM II SUITE 401
PORTLAND OREGON 97201

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

RE: Specialty Automotive
File #26-93-0102

NORTHWEST REGION

Dear Mr. Barton:

The Department of Environmental Quality has completed its review of the information submitted to date regarding the underground storage tank (UST) decommissioning and cleanup conducted at your site located at 7429 NE Glisan in Portland, Oregon. The Department has determined that the site appears to be cleaned up in accordance with Oregon Administrative Rules (OAR) 340-122-201 through -360, with the exception of not performing the correct analyses as per item number 4, and that no further action is required at this time.

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

1. Two gasoline USTs were decommissioned in place using a concrete slurry mix to fill the tanks and no contamination was discovered. One waste oil UST, and one gas/water separator was decommissioned by removal from a second excavation and taken to Schnitzer Steel in Portland, Oregon, for recycling.
2. Approximately 47 cubic yards of petroleum contaminated soil were excavated and thermally treated at TPS Technologies in Portland, Oregon.
3. Ground water was not encountered in the excavation.
4. Confirmatory soil samples taken at the waste oil UST and the gas/water separator excavation did not detect any residual contamination by analytical method TPH-HCID. However, as required by OAR 340-122-335 (3), the results of the TPH-HCID test shall be used to determine which analytical method or methods are required for verifying compliance with the Matrix cleanup levels. Because gasoline, diesel and heavy oil contamination was discovered in this excavation, confirmatory samples were required to be analyzed by TPH-G for gasoline, TPH-D or TPH-418.1 Modified for diesel, and by TPH-418.1 Modified for heavy oil. Based upon evidence indicating that soil samples did not detect petroleum contamination by analytical method TPH-HCID, and the levels of contamination discovered for Ethylbenzene, Total Xylenes, Cadmium, and Lead were all below cleanup levels, the Department will not require further investigation at this site.

A. Kitzhaber
Governor



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

Barton Bobbitt
September 30, 1996
Page 2

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.

Please note that pursuant to OAR 340-122-360 (2), a copy of this 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 me at (503) 229-5618.

Sincerely,



Mitch Scheel
UST Cleanup Specialist
Northwest Region

cc: Ken Thiesen
Pemco
PO Box 11569
Portland, Oregon 97211

(26930102:MRS)

December 18, 1995

Mr. Barton Bobbitt
River Forum II, Suite 401
Portland, OR 97201

Re: Specialty Automotive
Log No. 26-93-0102

Dear Mr. Bobbitt:

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



Paid in

88-93

(P)

26-93-102 NWR

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

FACILITY (Location of Tanks)

Name: SPECIALTY AUTOMOTIVE

Address: 7429 NE GLISAN ST
PORTLAND OR 97217

Phone: 283-4853

DEQ Facility I.D. Number: 11278

Work To Be Performed By: PEMCO
(Owner or Licensed Service Provider)

Phone: 283-2151

TANK OWNER

Name: DR. RAYMOND VETRON / T.J. REILLY

Address: 96 7429 NE GLISAN ST.
PORTLAND OR 97217

Phone: 236-2575

License # 10534

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

Date decommissioning is scheduled to begin: AUG 20, 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 ^o Inplace	New ^o Product	Yes*	No
<u>GAS #3</u>	<u>NI</u>	<u>1000(est)</u>	<u>GAS</u>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>

* 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.

o 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: Raymond Vetron (Owner or Operator) Date: 8-18-93

Rec'd 8/20/93

September 10, 1993

Facility ID No.: 11278

Dear Tank Owner/Permittee:

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

We received a decommissioning notice on August 20, 1993 for 1 underground storage tank(s) located at:

Specialty Automotive
7429 NE Glisan Street
Portland, OR 97217

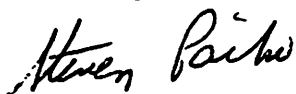
Checking our records, it appears the tanks are registered, permit fees are current, and the contractor is licensed. You are required to confirm the date of removal with the appropriate regional office (see below) at least 72 hours prior to tank removal. If you have any further questions about your permit fees, facility information or DEQ Licensed Contractors please call Steven Paiko at (503) 229-5733.

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 sit cleanup or UST compliance issues, please contact the regional office at the number listed below.

*** **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,



Steven Paiko
Office Specialist
UST Compliance Section
Hazardous & Solid Waste

cc: Northwest Regional Office - 229-5263



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



Paid in Full
88-93

NWR

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

Oregon Department of Environmental Quality
UNDERGROUND STORAGE TANK DECOMMISSIONING/CHANGE-IN-SERVICE 30 DAY NOTICE

JUN 24 1993
NORTHWEST REGION

FACILITY (Location of Tanks)
Name: SPECIALTY AUTOMOTIVE
Address: 7429 NE GLISAN ST.
PORTLAND, OR
Phone: 283-4853
DEQ Facility I.D. Number: 11278
Work To Be Performed By: PEMCO License # 10534
(Owner or Licensed Service Provider)
Phone: 283-2151

TANK OWNER
Name: Dr. Raymond Vernon
T. J. Reilly
Address: c/o 7429 NE Glisan Street
Portland OR 97217
Phone: _____
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

Date decommissioning is scheduled to begin: JULY 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	Other [∞] Use	Yes*	No
<u>40#1</u>	<u>N1</u>	<u>500 (EST)</u>	<u>USED OIL</u>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>

* 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, 3) tank contains a regulated substance other than petroleum, or 4) tank changed to non-regulated use.

Signature: Raymond Vernon Date: 6-18-93
(Owner or Operator)

July 21, 1993

Facility ID No.: 11278

Dear Tank Owner/Permittee:

We received a decommissioning notice on June 30, 1993 for 1 underground storage tank(s) located at:

Specialty Automotive
7429 NE Glisan Street
Portland, OR

Checking our records, it appears the tanks are registered, permit fees are current, and the contractor is licensed. You are required to confirm the date of removal with the appropriate regional office (see below) at least 72 hours prior to tank removal. If you have any further questions about your permit fees, facility information or DEQ Licensed Contractors please call Cindy Salter at (503) 229-5733.

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 sit cleanup or UST compliance issues, please contact the regional office at the number listed below.

***** 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.

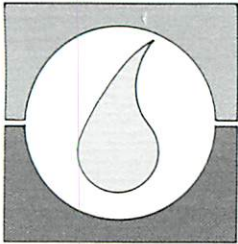
Sincerely,



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

cc: Northwest Region Office - 229-5263





PEMCO

26-93-102

437 N. Columbia Blvd.
P.O. Box 11569
Portland, Oregon 97211
Office (503) 283-2151
FAX (503) 283-6388

October 10, 1993

Department of Environmental Quality
Northwest Region
1500 SW 1st Avenue
Portland, Oregon 97201

**DEPT OF ENVIRONMENTAL QUALITY
RECEIVED**

OCT 08 1993

NORTHWEST REGION

Attn: Ms. Sheila Monroe

Re: Level II Subsurface Investigation for
Specialty Auto Care.

Dear Ms. Monroe:

Attached is your copy of the Level II Site Assessment Subsurface Investigation for Specialty Auto Care, 7427 NE Glisan, Portland, Oregon 97213.

If you have any questions, please do not hesitate to call.

Sincerely,

PEMCO

Bill Knutson, P.E.
Environmental Manager

TELEPHONE USE REPORT

CALL FROM/TO: Kim Thiesen

DATE: 8-16-93

COMPANY/TITLE: Pennco

TIME: 1505

PHONE NO.: 283-2151

(Circle for filing)

CITY: _____ COUNTY: _____

AQ Asbestos

WQ OSS

SW HW

General Spill

#26-93-102

SUMMARY OF CALL: Specialty Automotive

Discovered another underground storage tank which
decomg a *1-1000 gal gasoline.
RP will register (permits) tank and proceed
with further decom.
Approved 30-day + 3-day waiver.

Richard Ross
Signature

30 DAY WAIVER

DATE: 8-16-93

Approved Denied

Facility ID No.: 11278

Facility Name: Specialty Automotive (#26-93-102)

Facility Address: 7429 NE Glisan
Portland, OR

Decommissioning Installation Retrofit

N 30 Day Notice form already received by NWR?
If No, does UST database indicate 30 day notice received? Y N

REASON FOR WAIVER REQUEST:

- Contamination discovered
- Property transaction
- UST(s) discovered during construction

OTHER: Additional tank discovered, waste oil gas 1000 gallons.

Y N UST(s) permitted? N Fees Paid?
If no, indicate date this will be done: _____

Person Requesting Waiver: Kim Thiesen

Company: PEMCO

Phone No.: 283-2151

N Waiver of 3-day period granted?
If yes, reason: currently authorized to decom. existing USTs.

Earliest Date Activity allowed: as soon as fee paid

Staff Name: Rich Rose

30 DAY WAIVER

DATE: 6-25-93

Approved Denied

Facility ID No.: _____

Facility Name: Specialty Automotive

Facility Address: 7435 NE Glisan
Portland. 97213

Decommissioning Installation _____ Retrofit _____

30 Day Notice form already received by NWR? According to owner, sent in
If No, does UST database indicate 30 day notice received? Y N

REASON FOR WAIVER REQUEST: 6-25-93 Barb Watson has not received fees.

- Contamination discovered
- Property transaction
- UST(s) discovered during construction site assessment

OTHER: _____

Y N UST(s) permitted? Y N Fees Paid? According to owner, fees paid. check data base.
If no, indicate date this will be done: _____

Person Requesting Waiver: Ken Thusein
Company: TEMEC
Phone No.: 283-2151

Y Waiver of 3-day period granted?
If yes, reason: _____

Earliest Date Activity allowed: 6-29-93

Staff Name: Shela Monroe

TELEPHONE USE REPORT

CALL FROM/TO: Ken Thiessen

DATE: 7-26-93

COMPANY/TITLE: PEMCO

TIME: 1030

PHONE NO.: 283-2151

(Circle for filing)

CITY: _____ COUNTY: _____

AQ Asbestos

WQ OSS

SW HW

General Spill

Specialty Automotive

SUMMARY OF CALL:

*Fire Marshall has held up project at county level
As soon as approval is given, the waste oil
tank will be permitted & decom'd, and
other tanks slurry filled.*

K Rose

Signature

Mailed: 6-23-93

DEQ FILE NO.: 26-93-102

SITE NAME: Specialty Automotive
SITE ADDRESS: 74³⁵ NE Glisan
Portland Oregon 97213

RESPONSIBLE PARTY NAME: DR. VERNON c/o Barton Bobbitt
RP COMPANY NAME: River Forum II, Ste 401
MAILING ADDRESS: 4386 SW Macadam Avenue
Portland, Oregon 97201

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION
DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

JUL 6 1993

NORTHWEST REGION

DATE RELEASE REPORTED TO DEQ: 6-8-93

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.

Your site has been identified as having filed a Letter of Intent to participate in the UST Financial Assistance Program. Please be aware that there are certain requirements that must be met during various phases of a cleanup project in order to preserve your eligibility for this program. This is particularly critical if you plan to do the work yourself instead of hiring a licensed service provider. If you have any questions about the Financial Assistance Program requirements, please call the UST HELPLINE at 1-800-742-7878.

Thank you for your cooperation and continued efforts to comply with the regulations. If you have any additional 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



JUN 24 1993

BOBBITT & LASTER

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

RECEIVED

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

JUL 6 1993

SITE INFORMATION

NORTHWEST REGION

*DEQ File No.: 26-93-102

DISCOVERY: *Date of Release: JUNE 7, 1993

Site Name: SPECIALTY AUTO CARE

Site Address: 7435 NE GLISAN
PORTLAND OR 97213

Responsible Party: DR. VETAN, % BARTON BOBBITT Phone: 223-2321

RP Mail Address: RIVER FORUM II, STE 401
4386 SW MACADAM AVE

Service Provider: PEMCO Phone: 223-2151

SP Mail Address: 437 N. COLUMBIA BLVD P.O. BOX 11569
PORTLAND, OR 97211

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

INITIAL CLEANUP INFORMATION

Y 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
- Agricultural
- Industrial
- 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): _____

▶ >15 FT Current approximate depth to groundwater (in feet).

▶ >15 FT Seasonal high groundwater level (in feet) if different.

▶ Describe how depths were determined: SOIL BORINGS

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: RELEASE OCCURRED PRIOR TO 1970.
- Y NA Were steps taken to identify and mitigate fire, explosion, and vapor hazards? EXPLAIN: UST NOT OPEN TO ATMOSPHERE, REMAINS IN GROUND, FILL PIPE RECENTLY DISCOVERED AND ONLY PART EXPOSED
- Y NA Did you remove as much of the regulated substance from the UST system as necessary to prevent further release to the environment? EXPLAIN: TANK HAS HELD 18" USED OIL SINCE BEFORE 1970.
- 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: RELEASE DISCOVERED VIA SOIL BORING AND TESTING
- Y 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: _____
- Y 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: NO SOCS YET EXPOSED
- 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: _____
- 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: _____
- Y N Was groundwater initially encountered in the excavation? If yes, how was this water handled/disposed? How many gallons involved? EXPLAIN: _____
- Y N Was a sheen or odor observed on any water in the excavation? If yes, DESCRIBE OBSERVATIONS: _____

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: _____

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): _____
- ▶ Intended Disposition of Soils (check appropriate method):
 Treatment
 - Thermal treatment offsite at an authorized facility
Facility Name: _____ Phone No.: _____
Facility Address: _____
 - 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: _____ Phone: _____
Contact Name: _____

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

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: 2 JULY 1993

Individual: KEN THIESSEN Phone: 283-2151

Company: PEMCO

Address: 437 N. COLUMBIA BLVD. PORTLAND 97211

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.: 12531

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.

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
811 SW 6th
Portland, OR 97204

Phone: 503-229-5759

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.

PEMCO

437 N. COLUMBIA BLVD.
P.O. BOX 11569
PORTLAND, OR 97217
(503) 203-2151

CHAIN OF CUSTODY

PROJ. NO. 5176	PROJECT NAME: Specialty Auto	SAMPLER KRT
ADDRESS: 75th and GLISAN, PDX		

SAMPLE NUMBER	DATE	TIME	SOIL	WATER	PRODUCT	SLUDGE	ICED	SAMPLE LOCATION TANK SIZE TANK PRODUCT	DEPTH	TPH-HClD	TPH-G	TPH-D	TPH(418.1M)	EPA 418.1	BTEX	602/8020	PAH (8310)	Total Pb (7421)	ED6 & EDC (8010)	TCLP(8 met)	TCLP(3 met)	PCB's 608/8080	Chlor. Solv. 601/8010	VOC's 8240	EPA 8015 Mod	Flashpt (1010)	TOX
#1	5/24		X				X	Boring 2 10 ft.	10ft	X																	
#2	5/24		X				X	BORING 9	5ft	X																	
#3	5/24		X				X	BORING 4	10ft	X																	
#4	5/24		X				X	BORING 10	7ft	X																	
#5	5/24		X				X	BORING 6	5ft	X																	
#6	5/24		X				X	BORING 12	6 1/2 ft	X																	

Acquired by: <i>Tom Williams</i>	Date: 5/25	Time: 11:15	Received by: <i>C. Belt</i>	RUSH: YES <input checked="" type="radio"/> NO <input type="radio"/>
Acquired by:				LAB #
Acquired by:				



PEMCO

437 N. COLUMBIA BLVD.
P.O. BOX 11569
PORTLAND, OR 97217
(503) 283-2151

COMPANY SPECIAL AUTO AUTO

JOB NUMBER 5176

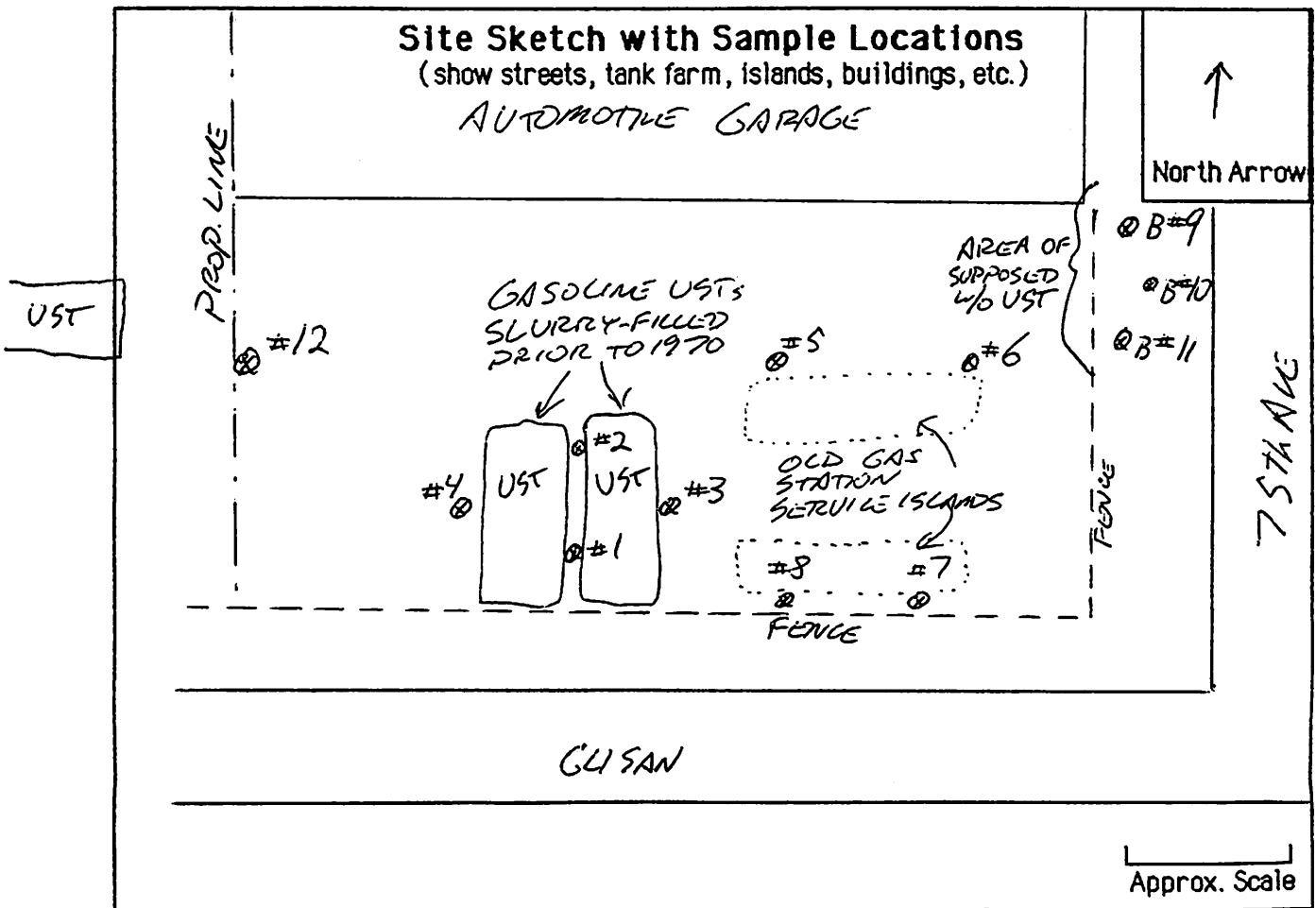
DATE 5/24

TYPE OF SOIL CONDITIONS: CLAY WATER TABLE
 SAND ENCOUNTERED? YES DEPTH _____
 GRAVEL NO
 ROCK

VISUAL CONTAMINATION? YES DESCRIPTION: _____
 NO

ODOR? NONE FLOATING PRODUCT? YES
 FAINT ODOR NO
 MODERATE ODOR
 STRONG ODOR

WHICH SAMPLES HAD ODOR? DESCRIBE: NONE





AmTest Inc.

Professional
Analytical
Services

9205 S.W. Nimbus Ave.
Beaverton, OR
97006

Tel: 503 626 7424
Fax: 503 642 1480

ANALYSIS REPORT

C
L Bill Knutson
I PEMCO
E P.O. Box 11569
N Portland OR 97211
T

Date Received: 5/25/83
Date Analyzed: 5/25/83
Date Reported: 5/26/83
Job Number: 14507-12
Page 1 of 2

Project Number - 5176
Project - Specialty Auto
Sample Type - Soil

Analysis - TPH-HCID Results

Lab Number	Client Identification	Analysis - TPH-HCID Results			
		Gasoline	Diesel	Other*	Surrogate** Recovery %
14507	#1 Boring 2	ND	ND	ND	46/71
14508	#2 Boring 9	ND	ND	Positive	53/79
14509	#3 Boring 4	ND	ND	Positive	52/78
14510	#4 Boring 10	ND	ND	Positive	61/78
14511	#5 Boring 6	ND	ND	ND	60/80
14512	#6 Boring 12	ND	ND	Positive	33/57
14512-Dup	#6 Boring 12	ND	ND	Positive	54/73
Lab Blank	5/25/93	ND	ND	ND	60/68

ND = None Detected

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

*Higher boiling petroleum products

**Trifluorotoluene/p-terphenyl

Reported By

QA Check

Greg Bolt
Laboratory Manager



AmTestInc.

Professional Analytical Services

9208S.W.NimbusAve. Beaverton,OR 97005

Tel:503 626 7424 Fax:503 643 1460

ANALYSIS REPORT

C
L Bill Knutson
I PEMCO
E P.O. Box 11589
N Portland OR 97211
T

Data Received: 5/25/93
Data Analyzed: 5/27/93
Date Reported: 5/28/93
Job Number: 14507-12
Page 2 of 2

Project Number - 5176
Project - Specialty Auto
Sample Type - Soil

TEST BY I.R. - NO
NO QUALITATIVE
NO INDICATION OF
QUANTITIES OF N-PRO.
CARBONS

Lab Number	Client Identification	Analysis - TPH-418.1 (Modified) Results mg/kg (ppm)
14508	#2 Boring 9	540
14509	#3 Boring 4	ND
14510	#4 Boring 10	530
14512	#6 Boring 12	340
Lab Blank	5/28/93	ND

ND = None Detected

Detection Limit - 20 mg/kg

Reported By Bill Knutson
QA Check [Signature]

[Signature]
Greg Bolt
Laboratory Manager

EV

UST FIELD INSPECTION REPORT

Site Name: Specialty Automotive

Date: 6-11-93 Total Time*: 30 min

Site Address: 7429 NE Glisan

*Include inspection, travel, paperwork

File/Facility No.: 26-93-102

Inspector: Sheila Monroe

Others Onsite: _____

include
company name

Supervisor License No.: _____ (note name with **)

Health & Safety

Potential Site Hazards

Hazards Appraised? (Y) N _____

Benzene Monitoring? Y / (N)
(if yes, attach form) (use NOTES if more room needed)

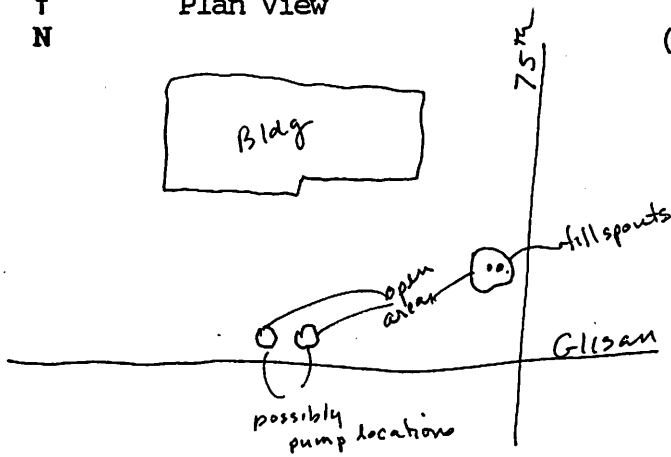
Inspection Type

- _____ Install/Retro
- _____ Decommission
- _____ UST Facility
- _____ Distrib. Audit
- X _____ Cleanup
- _____ Soil Aeration
- _____ Complaint
- _____ Excav. Closure
- _____ FAP Application

(other) _____
FAP Site? Y / (N)

INSPECTION RESULTS - IN COMPLIANCE? (Y) / N / NA

↑ Plan View SITE SKETCH X-section of excavation
N (as appropriate)



PHOTOS TAKEN? (Y) N (attach)

SAMPLES TAKEN? Y / (N) (attach results)

NOTES (use back of form as necessary)

The area is a paved parking lot. Boring locations are evident (but under ~~the~~ parked cars). The waste oil tank is on the eastern portion of the property. Two other small excavations (3' x 3' x 2') may represent the pump ~~face~~ locations. No odors or evidence of contamination were observed.

Specialty Automotive
26-93-102.



If possi
Senate P
availabl



26-93-102

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

Oregon Department of Environmental Quality
UNDERGROUND STORAGE TANK DECOMMISSIONING/CHANGE-IN-SERVICE 30 DAY NOTICE

JUN 24 1993

NORTHWEST REGION

FACILITY (Location of Tanks)

Name: SPECIALTY AUTOMOTIVE

Address: 7429 NE GLISAN ST.
PORTLAND, OR

Phone: 283-4853

DEQ Facility I.D. Number: _____

Work To Be Performed By: PEMCO
(Owner or Licensed Service Provider)

Phone: 283-2151

TANK OWNER

Name: Dr. Raymond Vernon
T. J. Reilly

Address: c/o 7429 NE Glisan Street
Portland OR 97217

Phone: _____

License # 10534

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

Date decommissioning is scheduled to begin: JULY 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	Other [∞] Use	Yes*	No
<u>4/0#1</u>		<u>500 (EST)</u>	<u>USED OIL</u>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>

* 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, 3) tank contains a regulated substance other than petroleum, or 4) tank changed to non-regulated use.

Signature: Raymond Vernon Date: 6-18-93
(Owner or Operator)

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK
PERMIT APPLICATION

PERMIT FEE ASSESSMENT

1988 Compliance Fee
_____ Tanks @ \$25 each = \$ 25

1989 Compliance Fee
_____ Tanks @ \$25 each = \$ 25

1990 Compliance Fee
_____ Tanks @ \$25 each = \$ 25

1991 Compliance Fee
_____ Tanks @ \$25 each = \$ 25

1992 Compliance Fee
_____ Tanks @ \$25 each = \$ 25

1993 FEE \$25 ea 25
TOTAL DUE \$ 150⁰⁰

TANK OWNER
PLEASE PRINT CLEARLY
Dr. Raymund Vernon
NAME T. J. Reilly
ADDRESS c/o 7429 NE Glisan Street
Portland OR 97217

X Raymund Vernon
TANK OWNER SIGNATURE
DATE 6-18-93
PHONE 503-236-8575

PROPERTY OWNER
PLEASE PRINT CLEARLY
Dr. Raymund Vernon
NAME T. J. Reilly
ADDRESS c/o 7429 NE Glisan Street
Portland OR 97217

X Raymund Vernon
PROPERTY OWNER SIGNATURE

FACILITY
PLEASE PRINT CLEARLY
NAME SPECIALTY AUTOMOTIVE
ADDRESS 7429 NE GLISAN ST
PORTLAND, OR 97217

PHONE 283-4853
SIC Code _____

PERMITTEE
PLEASE PRINT CLEARLY
Dr. Raymund Vernon
NAME T. J. Reilly
ADDRESS c/o 7429 NE Glisan Street
Portland OR 97217

X Raymund Vernon
PERMITTEE SIGNATURE
PHONE 503-236-8575

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

JUN 24 1993

NORTHWEST REGION

Each completed application must include the signatures of the tank owner, the property owner and the permittee.

All three signature lines must be signed.



R. G. VERNON, D.V.M., M.A.
750 SE SELLWOOD BLVD
PORTLAND, OR 97202

Pay to the
order of

O. F. P

17227

One hundred fifty & no/100

6-21

19*83*

24-12/1230



First Interstate Bank
of Oregon, N.A.
P.O. Box 82146
Portland, Oregon 97282-0146

For

For ~~Auto~~ See Specialty Auto Care

Dollars

⑆017227⑆ ⑆123000123⑆058 013684 0⑆

R. G. Vernon

\$*150.00*

Mailed: 6-23-93

DEQ FILE NO.: 26-93-102

SITE NAME: Specialty Automotive

SITE ADDRESS: 7429 NE GLISAN

Portland, Oregon 97213

RESPONSIBLE PARTY NAME: DR. VERNON c/o Barton Bobbitt

RP COMPANY NAME: River Forum II, Ste 401

MAILING ADDRESS: 4386 SW MACADAM AVENUE

Portland, Oregon 97201

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

DATE RELEASE REPORTED TO DEQ: 6-8-93

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.

Your site has been identified as having filed a Letter of Intent to participate in the UST Financial Assistance Program. Please be aware that there are certain requirements that must be met during various phases of a cleanup project in order to preserve your eligibility for this program. This is particularly critical if you plan to do the work yourself instead of hiring a licensed service provider. If you have any questions about the Financial Assistance Program requirements, please call the UST HELPLINE at 1-800-742-7878.

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

A copy of the UST Cleanup Manual

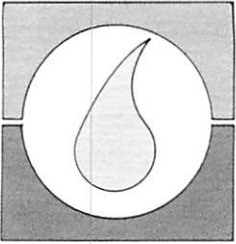
is enclosed
 will be provided upon request



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

DEQ-1





PEMCO

437 N. Columbia Blvd.
P.O. Box 11569
Portland, Oregon 97211
Office (503) 283-2151
FAX (503) 283-6388

Sheila Monroe
Department of Environmental Quality
Northwest Region
1500 SW First Street
Portland, Oregon 97201

**DEPT OF ENVIRONMENTAL QUALITY
RECEIVED**

JUN 14 1993

NORTHWEST REGION

RE: Sampling plan for proposed in-place decommissioning of two gasoline underground storage tanks at Specialty Automotive 7429 NE Glisan Street, Portland, Oregon 97217.

Dear Sheila:

Two USTs at the Specialty Automotive facility are proposed to be decommissioned in place in to minimize disruption of business and expense to the client. Work at this site started as a Level 2 Site Assessment to check for a below ground release associated with two gasoline USTs taken out of service about 1970. PEMCO was informed by Specialty Automotive, that these tanks were properly decommissioned in 1970 and were slurry filled. A sampling plan was devised to test for contamination around these USTs using a solid stem auger drill rig and split spoon sampler. The approximate diameter of the tanks (6 feet) was determined by halving the distance between fill spouts. The lengths of the USTs is not known. PEMCO drilled four holes around the USTs, two between the tanks and one to either side of the tanks (see Figure 1). Samples were collected at five and ten foot depths using a split spoon sampler. Samples were field checked for organic vapors by placing a portion of each sample in a zip-lock baggie for one hour and testing the atmosphere within the bag with an Organic Vapor Meter (see Table 1) . Select samples were tested by an analytical laboratory (see Table 2).

At the time of soil boring, PEMCO personnel were unable to observe the contents of the tanks. On a second visit to the site, PEMCO used a jackhammer to access the top of the USTs. At this time, it was discovered that the USTs were free of product but that no slurry filling had been performed.

PEMCO proposes to permanently decommission the USTs by excavating to unroof the tanks, manually removing any remaining sludge, and inspecting the condition of the tank walls. Holes will be cut into the floors of each UST and soil samples collected from the native materials under the tanks.

Assuming favorable laboratory results, the tanks will be slurry filled and permanently decommissioned according to DEQ Procedure.

Please call me if you have any questions.

Sincerely,

PEMCO

A handwritten signature in black ink, appearing to read "Kenneth Thiessen". The signature is written in a cursive, flowing style.

Kenneth Thiessen R.G.

Figure 1. Site Map

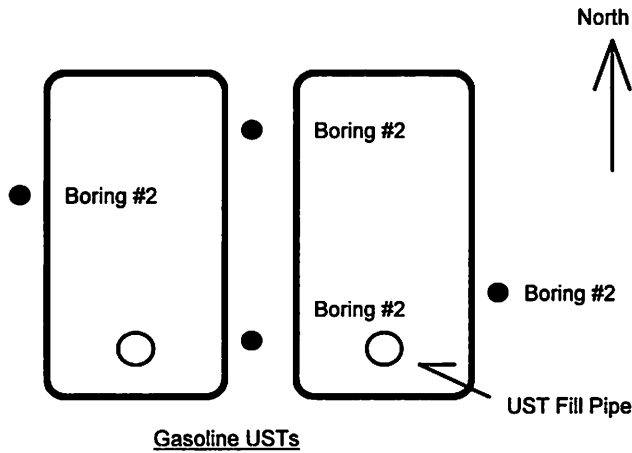


Table 1

Organic Vapor Meter test

Results: ND = non - detectable

Boring #1	5 feet	0.7 ppm
Boring #1	10 feet	ND
Boring #2	5 feet	ND
Boring #2	10 feet	ND
Boring #3	5 feet	ND
Boring #3	10 feet	ND
Boring #4	5 feet	ND
Boring #4	10 feet	ND

**DEPT OF ENVIRONMENTAL QUALITY
RECEIVED**

JUN 14 1993

NORTHWEST REGION

Table 2

Analytical Results

Boring #2	10 feet	HCID - ND, ND, ND
Boring #4	10 feet	HCID - ND, ND, Pos 418.1 m. - ND

TELEPHONE USE REPORT

CALL FROM/TO: Ken Thiessen

DATE: 6-8-93

COMPANY/TITLE: _____

TIME: 16:35

PHONE NO.: 283-2151

(Circle for filing)

CITY: _____ COUNTY: _____

- AQ Asbestos
- WQ OSS
- SW HW
- General Spill

SUMMARY OF CALL:

Ken said the gas tanks haven't been used since pre-1976 and are empty & unregulated. The waste oil tank appears to be regulated.

Shel A. Monroe
Signature

TELEPHONE USE REPORT

CALL FROM/TO: Ken Thussen.

DATE: 6-8-93

COMPANY/TITLE: PEMCO

TIME: 15:51

PHONE NO.: _____

(Circle for filing)

CITY: _____ COUNTY: _____

AQ Asbestos

WQ OSS

SW HW

General Spill

SUMMARY OF CALL:

PEMCO was contracted to assess site. The owner told them that there were two decommissioned gas tanks. PEMCO ~~on~~ took soil borings (clean) and uncovered the tanks. At that time, PEMCO realized that the tanks had not been decommissioned (although the tanks were empty). The owner also pointed out an area where a waste oil tank was located. PEMCO took three borings in the w.o. tank vicinity and found contamination. The owner subsequently relayed to Ken Thussen that there was 18" product in the waste oil tank.

I said that they needed to permit the tanks, & request a waiver of the 30 day notice before doing additional work.

Shirley A. Monice
Signature

10-2-96

* PETROLEUM RELEASE FORM *
Please Check All That Apply

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

LOG NBR: 26-93-102
UST FAC NBR: 11278
SITE NAME: SPECIALTY AUTOMOTIVE
SITE ADDRESS: 7429 NE GLISAN
SITE CITY: PORTLAND ZIP: 97213
SITE COUNTY: MULT. PHONE: _____

RECEIVED BY: SAM
DATE REPORTED: 6-8-93

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

- FUNDING
- LUST
 - OHC
 - HSRAF
 - FINANCIAL ASST

- INVOICE START
- LTR. AGR.
- DATE: _____
- INVOICE STOP
- NFA SENT

PROJECT MANAGER: _____

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

REPORTED BY

NAME: KEN THIESSON
COMPANY: PEMCO
ADDRESS: PO BOX 11569
CITY: PDX ZIP: 97211
STATE: _____ PHONE: 283-2151

RESPONSIBLE PARTY

NAME: DR. RAYMOND VERNON
COMPANY: _____
ADDRESS: 750 SE SELLWOOD BLVD
CITY: PDX ZIP: 97202
STATE: OR PHONE: 236-8575

INVOICE CONTACT

NAME: _____
COMPANY: _____
ADDRESS: _____
CITY: _____ ZIP: _____
STATE: _____ PHONE: _____

OTHER CONTACT(S)

Send correspond to
NAME: Barton Bobbitt
COMPANY: _____
ADDRESS: River Forum II, Suite 401
CITY: Portland ZIP: 97201
STATE: OR PHONE: _____

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

DATE DISCOVERED: 5-28-93
 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

9-30-96

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

CONTAMINANTS:

- UG) UNLEADED GASOLINE
- LG) LEADED GASOLINE
- MG) MISC. GASOLINE
- DS) DIESEL
- FO) FUEL OIL
- WO) WASTE OIL
- LB) LUBRICANT
- SV) SOLVENT
- BF) BUNKER FUEL
- OP) OTHER PET. DIST.
- CH) CHEMICAL
- HO) HEATING OIL
- UN) UNKNOWN
- OT) OTHER _____

MEDIA/IMPACT:

- SL) SOIL
- GW) GROUNDWATER
- SW) SURFACE WATER
- DW) DRINKING WATER
- FV) FACILITY (VAPOR)
- FP) FACILITY (FREE PROD)

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

RELEASE STOPPED: 5-28-93
CLEANUP STARTED: 6-8-93

REMEDIATION COMPLETED: 2-15-96
NO FURTHER ACTION: 9-30-96

SWLA PERMIT NUMBER: _____

DATE ISSUED: _____

AMOUNT OF SOIL (yds3) TREATED ON SITE: _____

AMOUNT OF SOIL (yds3) TREATED OFF SITE: 47.06 tons

TREATMENT METHOD:

- AERATION
- THERMAL TPS Tech.
- BIOLOGICAL
- OTHER _____

AMOUNT OF SOIL (yds3) DISPOSED OF: _____ TREATED

UNTREATED

FINAL DISPOSITION OF SOIL:

- ONSITE
- LANDFILL

- ROAD BASE
- OTHER _____

NOTES/COMMENTS: _____

This Space Provided For Regional Use

* L U S T F O R M *

INCIDENT INFORMATION

LUST Incident Nbr: LUST Log Nbr: 26-93-102 UST Facility ID:
Date Received: 6-8-93 Received By: SAM Emergency Resp Taken: Y
Tank Identification: File Name: Specialty Automotive
Street: 7429 NE Glisan
City: Portland Zip: 97213
County: Mult. Phone:

Incident Comments:

CONTACT & MAIL TYPES

Reported By: Ken Thiesson LUST Contact: Responsible Party: Dr. Raymond G. Ver
Name: PPMCO Company:
Street: P.O. Box 11569 Street: 750 SE Selkirk Blvd
City: Portland Zip: 97211 City: Portland Zip: 972
State: OR Phone: 283-2151 State: OR Phone: 236-857

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: 5-28-93
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:
Cleanup Activity: Start Date: Under Control Date:
End Date: Contractor Name:
Cleanup Guideline: Matrix C.A.P. Cleanup Lead: RP SLW/TF SLW/oTF
Free Product Disposal: Soil Disposal:
Est. Gallons: Est. Cu/Yds: 47 tons
Resp. Party: Damco
Disposal Location: OHT
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):

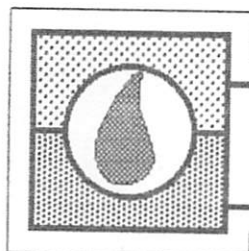
- Tanks registered ID No. _____
- Decommissioning notice (30 day) received
- 3 day notice received
- Fees current
- New tanks to be installed

Misc. Notes:

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

OCT 08 1993

NORTHWEST REGION



PEMCO

437 N. Columbia Blvd. Portland, Oregon
(503) 283-2151

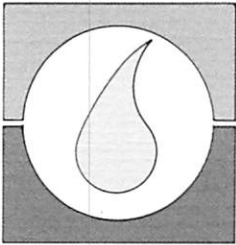
Level 2 Site Assessment, In-Place
Decommissioning of Two USTs,
and Soil Matrix Cleanup Report for
Two Additional USTs.

Prepared For:

Specialty Auto Care
7427-7435 NE Glisan
Portland, Oregon

DEQ LUST File Number 26-93-102

September 27, 1993



PEMCO

437 N. Columbia Blvd.
P.O. Box 11569
Portland, Oregon 97211
Office (503) 283-2151
FAX (503) 283-6388

September 27, 1993

Department of Environmental Quality
Northwest Region
1500 SW 1st Avenue
Portland, Oregon 97201

Attn: Ms. Sheila Monroe

RE: Level II Subsurface Investigation, Decommissioning in-place of two Gasoline Underground Storage Tanks (USTs) and Soil Matrix Cleanup of One Used Oil UST and One Gas/Water Separator UST at Specialty Auto Care, 7427 NE Glisan, Portland, Oregon 97213. LUST File Number: 26-93-102.

Dear Ms. Monroe:

This report summarizes three aspects of PEMCO's work at Specialty Auto Care at NE 75th Avenue and Glisan (see Vicinity Map). First, are the results of a subsurface investigation performed at the site as a Level II Site Assessment. Second, is the decommissioning in-place of two gasoline USTs. Included in this section, is a synopsis of the sampling plan approved by the Oregon Department of Environmental Quality (DEQ), and analytical results of borings made around the USTs and through the floor of each tank. Third, is the decommissioning and removal of one used oil UST and one presumed gasoline/water separator UST. Soils adjacent to these tanks required cleanup by overexcavation. This work was completed using the DEQ Soil Matrix Rules.

1. Level II Site Assessment Subsurface Investigation

On May 24, 1993, PEMCO performed an investigation of the shallow subsurface conditions at select points at the Specialty Auto Care Facility (see Site Map 1). Soil samples were taken using a small drill rig equipped with a three inch diameter solid stem auger. Undisturbed soil samples were obtained at prescribed depths using a split spoon sampler. The placement of the borings was determined based on the proximity to gasoline USTs (Borings 1 - 4), old service station pump islands (Borings 5 - 8), presumed placement of an used oil UST (Borings 9-11), and proximity to an UST on the neighboring property (Boring 12). During drilling and soil sampling, no hydrocarbon odors were noticed in any of the subsurface soils.

Native soils at the site consisted mainly of tight, cohesive silt and silty sand that extended from below the subgrade fill materials to depths of approximately 5 to 7 feet. Below this depth, coarse sand, gravel, and cobbles in a silt and sand matrix were encountered. These materials generally caused refusal of the auger to further drilling. In Borings 1 through 4, loose sand used as backfill around the gasoline USTs was encountered.

The results of this work are summarized in Table 1.

Table 1	Results of Subsurface Investigation			ND = none detected
	Level 2 Site Assessment 5/24/1993			
Boring number, Depth,	Soil Description	Organic Vapor Meter readings	TPH-HCID (gas, diesel, other)	TPH 418.1 Mod. parts per million (ppm)
#1, 5 feet	Sand fill, loose, caving.	0.7 ppm		
#1, 10 feet	Silt.	0.0		
#2, 5 feet	Sand fill, loose, caving.	0.0		
#2, 10 feet	Sand fill, loose, caving.	0.0	ND, ND, ND	
#3, 5 feet	Sand fill, loose, caving.	0.0		
#3, 10 feet	Sand fill, loose, caving.	0.0		
#4, 5 feet	Sand fill, loose, caving.	0.0		
#4, 10 feet	Sand fill, loose, caving.	0.0	ND, ND, Pos.	ND
#5, 4 feet	Silt, moist, cohesive.	0.0		
#6, 5 feet	Sandy silt, refusal @ 5 feet.	2.9 ppm	ND, ND, ND	
#7, 5 feet	Silt with cobbles.	0.0		
#8, 5 feet	Very coarse sand.	0.0		
#9, 5 feet	Silt/sand/gravel, partly cohesive.	0.0	ND, ND, Pos.	540
#10, 5 feet	Silt/gravel, cohesive.	0.0		
#10, 7 feet	Silt/cobble alluvium, refusal @ 7 feet.	0.0	ND, ND, Pos.	530
#11, 5 feet	Silt/gravel.	0.0		
#11, 7 feet	Silt/gravel alluvium, refusal @ 7 feet.	0.0		
#12, 5 feet	Silt/sand/gravel alluvium, cohesive.	0.0		
#12, 6½ feet	Sand/gravel alluvium, cohesive.	0.0	ND, ND, Pos.	340

The slightly elevated total petroleum hydrocarbon (TPH) levels in the five foot sample in Boring #9 and the seven foot sample in Boring #10 indicated the possibility of a below ground petroleum release. In order to comply with DEQ requirements, these data were reported to Sheila Monroe of the DEQ Northwest Region as a suspected subsurface release. The DEQ File Number for this site is: 26-93-102.

This site is classified as a Soil Matrix Level 2 site, meaning that the maximum soil contaminant levels allowed to remain in-place for diesel and heavier oils is 500 ppm. By this classification, the 340 ppm TPH found at the 6½ foot level in Boring 12 does not require cleanup at this time. Please refer to the Soil Matrix Level Determination section of this report.

2. Summary of Work Required to Decommission To Gasoline USTs In-Place:

PEMCO's involvement with this project began as a Level 2 Site Assessment. At that time the management of Specialty Auto Care believed that the two gasoline USTs on the property were slurry filled about 1970. PEMCO devised a sampling plan to test for contamination around these USTs using a solid stem auger drill rig and split spoon sampler. During this Level 2 Site Assessment, four borings were drilled around the USTs, two between the tanks and two to either side of the tanks (see Site Map 2). Samples were collected at five and ten foot depths using a split spoon sampler. Samples were field checked for organic vapors by placing a portion of each sample in a zip-lock bag for one hour and testing the atmosphere in the bag with an organic vapor meter. Select samples were tested by an analytical laboratory.

At the time of soil boring, PEMCO personnel were unable to observe the contents of the tanks. On a second visit to the site, a jack hammer was used to access the top of the USTs. After the removal stand pipes, it was discovered that the USTs contained only residual product and sludge; no slurry filling had been performed.

In preparation to slurry fill the USTs, PEMCO submitted a sampling plan to Sheila Monroe of the DEQ. This plan uses the data provided by the Level 2 Site Assessment drilling as well as requiring that soil samples be collected through the floor near the ends of each UST. This plan was approved by Monroe on June 14, 1993.

On August 14, 1993, the two USTs were inerted, cut open, and cleaned per DEQ specifications. After cleaning, small holes were cut through the bottom of each tank near the ends. A hand auger was used to obtain soil samples from approximately one foot beneath the floor of each tank. At this time the dimensions of the USTs were obtained. The west tank measured 8 feet in diameter by 18 feet in length (6700 gallons). The east tank measured 6 feet in diameter by 18 feet in length (3800 gallons).

Following receipt of clean analytical results from the four bottom samples, PEMCO prepared to perform the slurry filling work. The tanks were slurry filled on August 23, 1993 (slurry load receipts attached). Following slurry filling, the area over these USTs was leveled, compacted, and asphalt paved.

Data pertaining to these gasoline USTs are presented in Table 2.

Table 2**Results of soil testing associated with two gasoline USTs decommissioned in-place**

ND = none detected

Sample Number, Date, Depth,	Sample Description	Organic Vapor Meter readings	TPH-HCID (gas, diesel, other)	TPH 418.1 Mod. (ppm)	Notes:
5/24/1993, 5 ft.	Boring #1	0.7 ppm			Level II
5/24/1993, 10 ft.	Boring #1	ND			
5/24/1993, 5 ft.	Boring #2	ND			Site
#1, 5/24/1993, 10 ft.	Boring #2	ND	ND, ND, ND		Assessment
5/24/1993, 5 ft.	Boring #3	ND			
5/24/1993, 10 ft.	Boring #3	ND			Data
5/24/1993, 5 ft.	Boring #4	ND			
#3, 5/24/1993, 10 ft.	Boring #4	ND	ND, ND, Pos.	ND	
#1, 8/14/1993, 13 ft.	West UST, North Bottom.	ND, ND, ND			Sampled
#2, 8/14/1993, 13 ft.	West UST, South Bottom.	ND, ND, ND			through
#3, 8/14/1993, 11 ft.	East UST, North Bottom.	ND, ND, ND			floors of
#4, 8/14/1993, 11 ft.	East UST, South Bottom.	ND, ND, ND			USTs.

3. Permanent Decommissioning and Removal of One Used Oil UST and One Gas/Water Separator UST.

During the Level II Site Assessment phase of this work, slightly elevated TPH levels were found in two of the subsurface soil samples collected in the area of a suspected used oil UST. PEMCO was told by the owners of Specialty Auto Care that this used oil UST was probably free of product but not cleaned or inerted. With additional investigation by PEMCO personnel, the fill pipe to the UST was located and the cap removed. At this time it was discovered that the UST still contained a small volume of product. Since the UST was partially full of used oil, it was considered to be technically still in service by the DEQ. Before additional work was performed by PEMCO, the UST was registered with the DEQ and back fees paid (see Site Map 3).

Given that the UST contained free product and subsurface soil contamination had been found nearby, it was decided that the tank should be decommissioned and removed.

On August 14, 1993, PEMCO personnel began decommissioning procedures on the 500 gallon used oil UST. Since the tank was buried approximately six feet below grade, it was decided that the tank would be brought to the surface for cleaning. During soil removal around the UST, the backhoe operator encountered another UST immediately south and

more deeply buried than the used oil UST. During this excavation, strong gasoline odors were noticed in the soils surrounding the used oil tank. Work was stopped in order to register and pay the backfees on this newly discovered gasoline tank. At this time the DEQ was notified of a confirmed below ground release.

On August 23, 1993, both tanks were decommissioned, inerted, and removed from the ground. It was observed that the used oil UST was badly corroded and prone to leakage. The gasoline UST turned out to be a 25 gallon canister with four steel pipes attached to the top surface. This device was nearly full of gasoline at the time of decommissioning. It may have acted as a gasoline/water separator. These tanks were disposed of at Schnitzer Steel of Portland, (Certificate of Tank Disposal attached).

On August 31, 1993, PEMCO performed remedial excavation of the contaminated soils at the used oil/gasoline tank cavity. Approximately 30 cubic yards of contaminated soil were removed from this cavity before clean native soil conditions were encountered. Confirmation samples to demonstrate the effectiveness of the cleanup were taken from the floor of the excavation as well as the lower portions of all four sidewalls. Analytical data from this aspect of the work can be found in Table 3.

Sampling Protocol:

A stainless steel, split spoon sampler or hand auger was used to collect subsurface soil samples from the boreholes. These sampling tools were cleaned before the collection of each sample using a solution of Alconox and water followed by a rinse in fresh water. Samples collected from the excavation were taken from a backhoe bucket. Soil samples were packed into glass containers with Teflon cap seals, supplied by our laboratory. The samples were packed into the glass containers using disposable vinyl gloves leaving a minimum of head space. All samples were labeled and placed on ice for transport to an independent analytical laboratory accompanied by chain of custody documentation. Analytical laboratory reports and chain of custody documentation are attached to this report.

Free Product, Sludge, and Contaminated Soil Disposal:

During tank cleaning and decommissioning of the two gasoline USTs, one 55 gallon drum of residual product and sludge was produced. This drum was disposed of by US Ecology at their facility in Beatty Nevada (Hazardous Waste Manifest attached).

Two drums of used oil product and waste oil sludge were produced by cleaning the used oil UST, these drums were also disposed of by US Ecology at their facility in Beatty Nevada (Non-Hazardous Waste Manifest attached).

Table 3**Results of soil testing associated with used oil UST and gasoline/water separator UST both decommissioned and removed.**

ND = none detected

Sample Number, Date, Depth,	Sample Description	TPH-HCID (gas, diesel, other)	TPH 418.1 Mod. (ppm)	TPH-G (ppm)	EPA 8010/8020 volatiles	TCLP 3 Metals. Cd,Cr,Pb
#1, 8/23/1993, 7-8 feet.	W/O UST bottom, north.	Pos. ND, ND				
#2, 8/23/1993, 7-8 feet.	W/O UST bottom, south.	Pos., Pos., Pos.	650	550	Ethylbenzene: 2.3 ppm; Total xylenes: 4.4 ppm; Others:ND	Cd: 0.04 ppm (ND dup.); Cr: ND (ND dup.); Pb: 0.06 (0.05 ppm dup.)
#3, 8/23/1993, 11 feet.	Gas/water separator, bottom.	Pos., Pos., ND				
#1, 8/31/1993, 10.5 feet.	Excavation bottom, north.	ND, ND, ND				
#2, 8/31/1993, 10.5 feet.	Excavation bottom, south.	ND, ND, ND				
#3, 8/31/1993, 9 feet.	Base of sidewall, north.	ND, ND, ND				
#4, 8/31/1993, 10 feet.	Base of sidewall, south.	ND, ND, ND				
#5, 8/31/1993, 9.5 feet.	Base of sidewall, east.	ND, ND, ND				
#6, 8/31/1993, 9.5 feet.	Base of sidewall, west.	ND, ND, ND				

An additional partial drum of pure gasoline product was disposed of at Sunwest Energy Corp. of Portland to be recycled as a motor fuel.

On August 18, 1993 Spencer Environmental Services, Inc. of Oregon City, pumped 80 gallons of product from the used oil UST (receipt attached). Spencer Environmental Services recycles this oil for use as bunker fuel for ships.

A total of 47.06 tons of contaminated soil were disposed of at Oregon Hydrocarbon, of Portland. This soil was processed through a thermal desorption process to remove all hydrocarbons (Load Manifests are attached).

Soil Matrix Level Determinations:

This site is classified as a Level 2 Site using the DEQ Numeric Soil Cleanup Levels for Motor Fuel and Heating Oil (OAR 340-122-305 through 340-122-360). No groundwater was observed in any of the borings or excavations at the site during any phase of this work. By this evaluation, cleanup levels are set at 80 ppm for gasoline contaminated soils and 500 ppm for diesel and heavier oil contaminated soils. For the used oil and gasoline/water separator UST cavity, soil cleanup has been achieved to non detectable levels. Completed Soil Matrix Scoresheet and Checklist are attached to this report.

Conclusions and Recommendations:

As a result of the work described above in this report, PEMCO feels that environmental hazards associated with USTs at the site have been addressed and effectively dealt with.

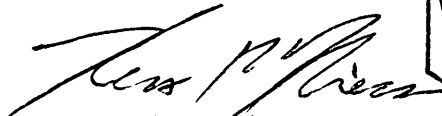
During the Level II Site Assessment phase of this work, subsurface contamination was detected on the eastern margin of the property, where a used oil UST was thought to be located. After further investigation, two USTs were found in this area. These tanks were decommissioned and removed along with associated piping. Following removal of the tanks, approximately 30 cubic yards of contamination soil were removed from the excavation. This contaminated soil was treated by thermal desorption at Oregon Hydrocarbon, Inc. Following remedial excavation, samples were taken from the floor and all four sidewalls of the cavity. In all cases, these confirmation samples contained no detectable levels of petroleum contamination.

Two gasoline USTs that were thought to have been previously decommissioned and slurry filled were found instead to contain some sludge and residual product. No slurry filling had taken place in the past. During PEMCO's work at this site, these tanks were inerted, cleaned, and slurry filled. No sign of soil contamination was found associated with these tanks.

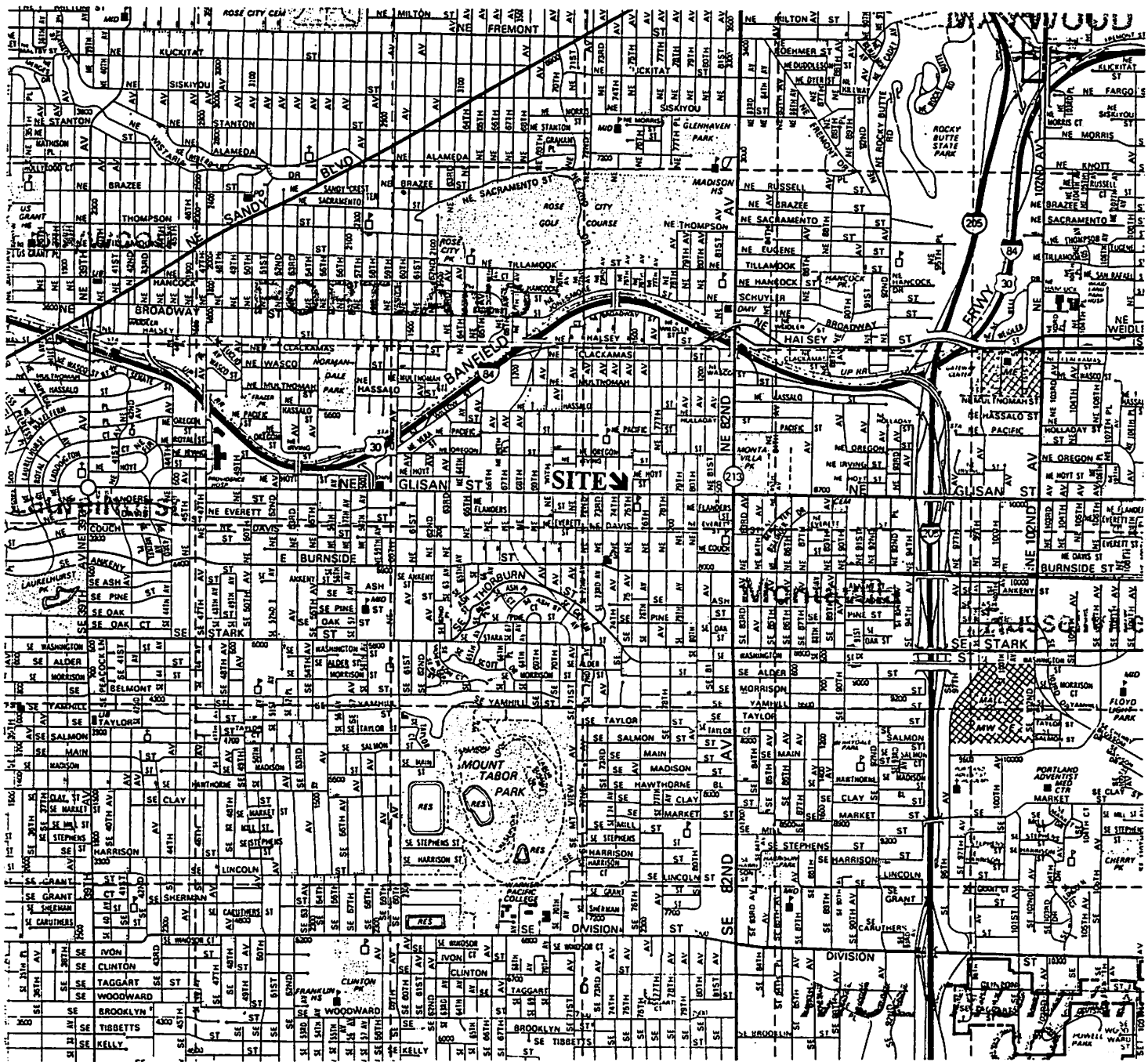
PEMCO believes that the environmental investigation and cleanup associated with the two slurry filled gasoline tanks and the decommissioned used oil and gasoline/water separator tanks at this site is complete. We recommend that no further action associated with the UST systems described in this report be required at this facility.

Sincerely,

PEMCO


Kenneth R. Thiessen, PG
Geologist





VICINITY MAP

Specialty Auto Care.
 7427 NE Glisan
 Portland, Oregon 97213



PEMCO

Project 5176

September 24, 1993

N



0 20feet
approximate scale

Specialty Auto Care Automotive Service Facility

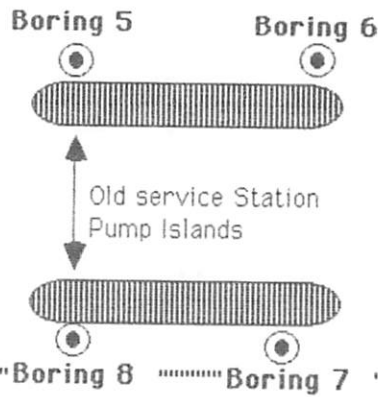
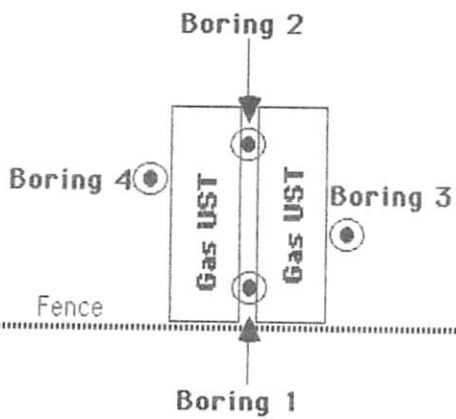
NE 75th Ave.

Boring 12

Boring 9

Boring 10

Boring 11



NE Glisan Street

Specialty Auto Care.
7427 NE Glisan
Portland, Oregon 97213

KEY

● = Soil Boring Locations May 24, 1993.



PEMCO

Project: 5176

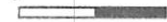
Date: Sept. 27, 1993

Site Map 1

N



0 20feet

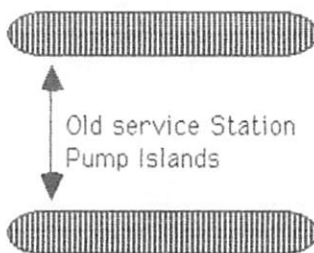
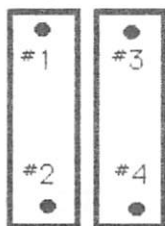


approximate scale

Specialty Auto Care Automotive Service Facility

NE 75th Ave.

Gasoline USTs
Decommissioned
In-Place



Fence

Fence

NE Glisan Street

Specialty Auto Care.
7427 NE Glisan
Portland, Oregon 97213

Site Map 2

KEY

● = Soil Sampling Locations August 14, 1993.



PEMCO

Project: 5176

Date: Sept. 27, 1993

N

0 20feet
approximate scale

Specialty Auto Care Automotive Service Facility

Outline of Remedial Excavation

Former Used Oil UST

Former Gasoline/Water Separator

Gasoline USTs
Decommissioned
In-Place

Old service Station
Pump Islands

NE 75th Ave.

Fence

Fence

NE Glisan Street

Specialty Auto Care.
7427 NE Glisan
Portland, Oregon 97213

Site Map 3

KEY

- = Soil Sampling Locations August 23, 1993.
- = Soil Sampling Locations August 31, 1993.



PEMCO

Project: 5176

Date: Sept. 27, 1993

PENMCO
 437 N. COLUMBIA BLVD.
 P.O. BOX 11569
 PORTLAND, OR 97217
 (503) 283-2151

CHAIN OF CUSTODY

PROJ. NO. **5176**
 PROJECT NAME: **Specialty Auto**
 ADDRESS: **75th and GUSMAN, PDR**
 SAMPLER: **KRT**

SAMPLE NUMBER	DATE	TIME	SOIL	WATER	PRODUCT	SLUDGE	ICED	SAMPLE LOCATION TANK SIZE TANK PRODUCT	UEP#	TPH-HClD	TPH- G	TPH-D	TPH(418.1M)	EPA 418.1	BTEX	602/8020	PAH (8310)	Total Pb (7421)	EDB & EDC (8010)	TCLP(8 met)	TCLP(3 met)	PCB's 603/8030	Chlor. Solv. 601/8010	VOC's 8240	EPA 9015 Mod	Flashpot (1010)	TOX	
										#1	5/24		X				X	Boring 2 10 ft.	10P	X								
#2	5/24		X				X	Boring 9	5P	X																		
#3	5/24		X				X	Boring 4	10P	X																		
#4	5/24		X				X	Boring 10	7P	X																		
#5	5/24		X				X	Boring 6	5P	X																		
#6	5/24		X				X	Boring 12	65P	X																		

analyzed by: **Chris Kline**
 Date: **5/25**
 Time: **11:15**
 Received by: **C. Balf**

INUSE: YES NO

Disinfectant by:
 Disinfectant by:
 Disinfectant by:

LAB #



PEMCO

437 N. COLUMBIA BLVD.
P.O. BOX 11569
PORTLAND, OR 97217
(503) 283-2151

COMPANY SPECIAL AUTO AUTO

JOB NUMBER 5176

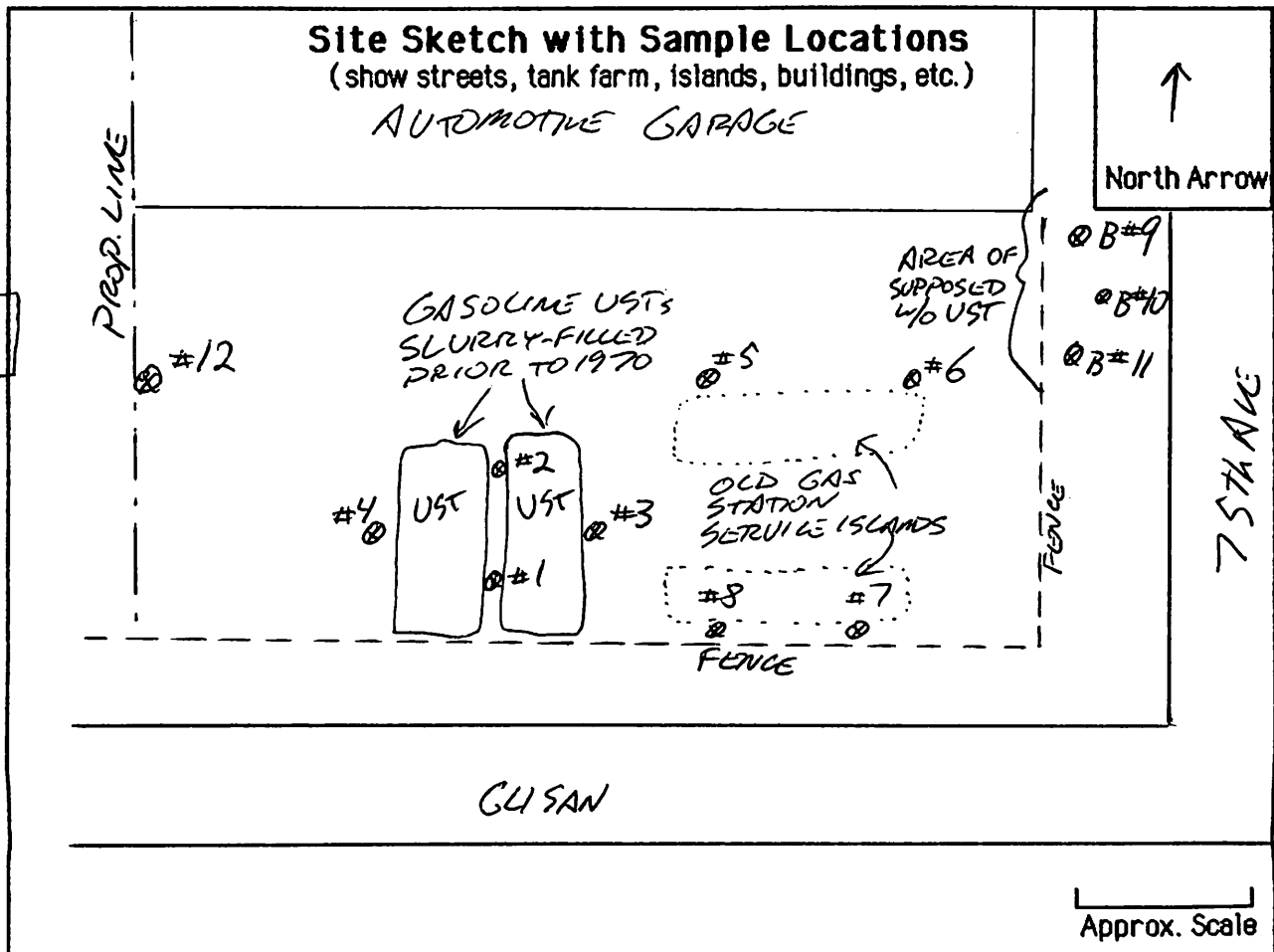
DATE 5/24

TYPE OF SOIL CONDITIONS: CLAY WATER TABLE
 SAND ENCOUNTERED? YES DEPTH _____
 GRAVEL NO
 ROCK

VISUAL CONTAMINATION? YES DESCRIPTION: _____
 NO

ODOR? NONE FLOATING PRODUCT? YES
 FAINT ODOR NO
 MODERATE ODOR
 STRONG ODOR

WHICH SAMPLES HAD ODOR? DESCRIBE: NONE





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 Bill Knutson
I PEMCO
E P.O. Box 11569
N Portland OR 97211
T

Date Received: 5/25/93
Date Analyzed: 5/25/93
Date Reported: 5/26/93
Job Number: 14507-12
Page 1 of 2

Project Number - 5176
Project - Specialty Auto
Sample Type - Soil

Lab Number	Client Identification	Analysis - TPH-HCID Results			
		Gasoline	Diesel	Other*	Surrogate** Recovery %
14507	#1 Boring 2	ND	ND	ND	46/71
14508	#2 Boring 9	ND	ND	Positive	53/79
14509	#3 Boring 4	ND	ND	Positive	52/78
14510	#4 Boring 10	ND	ND	Positive	61/78
14511	#5 Boring 6	ND	ND	ND	60/80
14512	#6 Boring 12	ND	ND	Positive	33/57
14512-Dup	#6 Boring 12	ND	ND	Positive	54/73
Lab Blank	5/25/93	ND	ND	ND	60/68

ND = None Detected


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

*Higher boiling petroleum products

**Trifluorotoluene/p-terphenyl

Reported By 

QA Check 


Greg Bolt
Laboratory Manager



AmTest Inc.

Professional Analytical Services

92055.W.Nimbus Ave. Basvorton, OR 97005

Tel:503 626 7424 Fax:503 643 1450

ANALYSIS REPORT

C
L Bill Knutson
I PEMCO
E P.O. Box 11589
N Portland OR 97211
T

Data Received: 5/25/93
Data Analyzed: 5/27/93
Date Reported: 5/28/93
Job Number: 14507-12

Page 2 of 2

Project Number - 5176
Project - Specialty Auto
Sample Type - Soil

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

TEST BY I.R. - NO QUANTITATIVE
NO INDICATION OF

Lab Number	Client Identification	Results mg/kg (ppm)
14508	#2 Boring 9	540
14509	#3 Boring 4	ND
14510	#4 Boring 10	530
14512	#6 Boring 12	340
Lab Blank	5/28/93	ND

QUANTITIES OF HYDRO-CARBONS

ND = None Detected

Detection Limit - 20 mg/kg

Reported By Bill Knutson
QA Check php

Greg Bolt
Greg Bolt
Laboratory Manager

437 N. COLUMBIA BLVD.
 P.O. BOX 11569
 PORTLAND, OR 97217
 (503) 283-2151

CHAIN OF CUSTODY

PROJ. NO. 5176 PROJECT NAME: *SPECIALTY AURORA/TOTUE* SAMPLER *KCRT*

ADDRESS: 7433 NE GLISSAN

SAMPLE NUMBER	DATE	TIME	SOIL	WATER	PRODUCT	SLUDGE	ICED	SAMPLE LOCATION TANK SIZE TANK PRODUCT	DEPTH	TPH-HCID	TPH-G	TPH-D	TPH(418.1M)	EPA 418.1	BTEX	602/8020	PAH (8310)	Total Pb (7421)	EDB & EDC (8010)	TCLP(8 met)	TCLP(3 met)	PCB's 608/8080	Chlor. Solv. 601/8010	VOC's 8240	EPA 8015 Mod	Flashpt (1010)	TOX
1	8/14		X				X	W. GAS UST NORTH BOTTOM	13'	X																	
2			X				X	W. GAS UST SOUTH BOTTOM	13'	X																	
3			X				X	E. GAS UST NORTH BOTTOM	11'	X																	
4			X				X	E GAS UST SOUTH BOTTOM	11'	X																	

Relinquished by: *Don Williams* Date: *8/18/93* Time: *10:45am* Received by: *P. Kelly*

RUSH: YES NO

LAB #
22810-13

AMTEST

AmTest Inc.

Professional
Analytical
Services8206 S.W. Nimbus Ave.
Beaverton, OR
97006

Tel: 503 282 0684

ANALYSIS REPORTC
L Bill Knutson
I PEMCO
E P.O. Box 11589
N Portland OR 97211
TDate Received: 8/16/93
Date Analyzed: 8/17/93
Date Reported: 8/17/93
Job Number: 22810-13
Page 1 of 1Project Number - 5176
Project - Specialty Automotive
Sample Type - SoilAnalysis - TPH-HCID
Results

Lab Number	Client Identification	Results			
		Gasoline	Diesel	Other*	Surrogate** Recovery %
22810	#1 W. North Bottom	ND	ND	ND	78/96
22811	#2 W. South Bottom	ND	ND	ND	67/75
22812	#3 E. North Bottom	ND	ND	ND	70/83
22813	#4 E. South Bottom	ND	ND	ND	75/80
Lab Blank	8/16/93	ND	ND	ND	87/82

ND = None Detected

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

*Higher boiling petroleum products

**Trifluorotoluene/p-Terphenyl

Reported By Beth HimmQA Check GBGreg Bolt
Greg Bolt
Laboratory Manager

PENCO

437 N. COLUMBIA BLVD.
P.O. BOX 11569
PORTLAND, OR 97217
(503) 283-2151

CHAIN OF CUSTODY

PROJ. NO. 5176

PROJECT NAME: SPECIALLY AUTO

ADDRESS: 7433 NE CLISAN

SAMPLER KR2

SAMPLE NUMBER	DATE	TIME	SOIL	WATER	PRODUCT	SLUDGE	ICED	SAMPLE LOCATION TANK SIZE TANK PRODUCT	DEPTH
---------------	------	------	------	-------	---------	--------	------	--	-------

3	8/23/83	3:30p	X				X	BASE OF PRODUCT/WATER SEPARATOR	11 FT
---	---------	-------	---	--	--	--	---	---------------------------------	-------

X	TPH-HCID
	TPH- G
	TPH-D
	TPH(418.1M)
	EPA 418.1
	BTEX
	602/8020
	PAH (8310)
	Total Pb (7421)
	EDB & EDC (8010)
	TCLP(8 met)
	TCLP(3 met)
	PCB's 608/8080
	Chlor. Solv. 601/8010
	VOC's 8240
	EPA 8015 Mod
	Flashpt (1010)
	TOX

Relinquished by: *Kim P. Pearson* Date: 9/29 Time: 1410 Received by: *Michael Peckley*

Relinquished by:

Relinquished by:

RUSH: YES NO

LAB #

23506



AmTest Inc.

Professional Analytical Services

52058.W.NimbusAve. Beaverton, OR 97005

Tel:503 626 7424 Fax:503 643 1460

ANALYSIS REPORT

C
L Bill Krutson
I PEMCO
E P.O. Box 11589
N Portland OR 97211
T

Date Received: 8/24/83
Date Analyzed: 8/25/83
Date Reported: 8/25/83
Job Number: 23605
Page 1 of 1

Project Number - 5176
Project - Specialty Auto
Sample Type - Soil

Analysis - TPH-HCID

Lab Number	Client Identification	Results			Surrogate** Recovery %
		Gasoline	Diesel	Other*	
23605 Lab Blank	#3 Base of Separator 8/24/93	Positive ND	Positive ND	ND ND	143/75 82/83

ND = None Detected

Detection Limits: Gasoline - 20 mg/kg; Diesel - 80 mg/kg

*Higher boiling petroleum products

**Trifluorotoluene/p-Terphenyl

Reported By _____

QA Check GRB

Greg Bolt
Greg Bolt
Laboratory Manager

PENCO

437 N. COLUMBIA BLVD.
 P.O. BOX 11569
 PORTLAND, OR 97217
 (503) 283-2151

CHAIN OF CUSTODY

PROJ. NO. 5176

PROJECT NAME: SPECIMEN AUTO

ADDRESS:

SAMPLER KR2

SAMPLE NUMBER	DATE	TIME	SOIL	WATER	PRODUCT	SLUDGE	ICED	SAMPLE LOCATION TANK SIZE TANK PRODUCT	DEPTH	TPH-HCID	TPH-G	TPH-D	TPH(418.1M)	EPA 418.1	BTEX	602/8020	PAH (8310)	Total Pb (7421)	EDB & EDC (8010)	TCLP(8 met)	TCLP(3 met)	PCB's	608/8080	Chlor. Solv. 601/8010	VOC's 8240	EPA 8015 Mod	Flashpt (1010)	TOX
1	8/23	11:15a	X				X	w/o UST BOTTOM NO. 20	20"	X																		
2	8/23/93	11:25	X				X	w/o UST BOTTOM SOUTH	20"	X																		

Relinquished by: *Rene McQuinn* Date: 8/23/93 Time: 1:15 Received by: *Griffith*

Relinquished by:

Relinquished by:

Amtest

RUSH: YES NO

LAB #



AmTestInc.

Professional
Analytical
Services

9206S.W.NimbusAve.
Beaverton,OR
97005

Tel:503 626 7424
Fax:503 643 1460

ANALYSIS REPORT

C
L Bill Knutson
I PEMCO
E P.O. Box 11589
N Portland OR 97211
T

Date Received: 8/23/93
Date Analyzed: 8/23/93
Date Reported: 8/24/93
Job Number: 23505-6
Page 1 of 1

Project Number - 5176
Project - Specialty Auto
Sample Type - Soil

Analysis - TPH-HCID

Lab Number	Client Identification	Results			
		Gasoline	Diesel	Other*	Surrogate** Recovery %
23505	#1 North	Positive	ND	ND	98/111
23506	#2 South	Positive	Positive	Positive	108/117
Lab Blank	8/23/93	ND	ND	ND	82/83

ND = None Detected

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

*Higher boiling petroleum products

**Trifluorotoluene/p-Terphenyl

Reported By *David Jones*
OA Check *GS*

Greg Bolt
Greg Bolt
Laboratory Manager



AmTest Inc.

Professional
Analytical
Services

92098.W.NimbusAve.
Beaverton,OR
97005

Tel:503 825 7424
Fax:503 643 1460

ANALYSIS REPORT

C
L Bill Knutsen
I PEMCO
E P.O. Box 11569
N Portland OR 97211
T

Date Received: 8/23/93
Date Analyzed: 8/26/93
Date Reported: 8/30/93
Job Number: 23606
Page 1 of 4

Project Number - 5176
Project - Specialty Auto
Sample Type - Soil

Lab Number	Client Identification	Analysis - TPH-418.1 (Modified) Results mg/kg (ppm)
23506 Lab Blank	#2 South 8/25/93	650 ND

ND = None Detected

Detection Limit - 20 mg/kg

QC Information
Spike (Reference Oil) Recovery - 87%

Reported By Beth Hansen
QA Check GB

Greg Bolt
Greg Bolt
Laboratory Manager



AmTesting.

Professional
Analytical
Services

92058.W.NimbusAve.
Beaverton,OR
97006

Tel:503 626 7424
Fax:503 643 1460

ANALYSIS REPORT

C
L Bill Knutsen
I PEMCO
E P.O. Box 11869
N Portland OR 97211
T

Date Received: 8/23/93
Date Analyzed: 8/25/93
Date Reported: 8/30/93
Job Number: 23606
Page 2 of 4

Project Number - 5176
Project - Specialty Auto
Sample Type - Soil

Lab Number	Client Identification	Analysis - TPH-G	
		Results mg/kg (ppm)	
		Gasoline	Surrogate* % Recovery
23506	#2 South	550	102
Lab Blank	8/25/93	ND	95

ND - None Detected

Detection Limit - 5 mg/kg
*Trifluorotoluene

Reported By Beth Hinson
QA Check GL

Greg Bolt
Greg Bolt
Laboratory Manager

ANALYSIS REPORT**AMTEST**

AmTest Inc.

Professional
Analytical
Services9208 W. Nimbus Ave.
Beaverton, OR
97006Tel: 503 626 7424
Fax: 503 643 1480C
L Bill Knutsen
I PEMCO
E P.O. Box 11569
N Portland OR 97211
T

Date Received: 8/23/93

Date Analyzed: 8/25/93

Date Reported: 8/30/93

Job Number: 23606

Page 3 of 4

Analysis - EPA Method 8010 & 8020 - Volatiles
Project Number - 5176
Project - Specialty Auto
Sample Type - Soil

Laboratory Sample Number Client Identification	23508 #2 South	Lab Blank	Matrix Spike	Detection Limit
Compound	Results mg/kg	Results mg/kg	% Recovery	mg/kg
Benzene	ND	ND	82	1
Toluene	ND	ND	88	1
Ethylbenzene	2.3	ND	77	1
Total Xylenes	4.4	ND	83	1
1,1-Dichloroethane	ND	ND	79	2
Dichloromethane	ND	ND	-	10
trans-1,2-Dichloroethane	ND	ND	-	1
1,1-Dichloroethane	ND	ND	57	1
cis-1,2-Dichloroethane	ND	ND	-	1
Chloroform	ND	ND	-	1
1,1,1-Trichloroethane	ND	ND	58	1
Carbon tetrachloride	ND	ND	-	1
1,2-Dichloroethane (EDC)	ND	ND	-	1
Trichloroethane	ND	ND	59	1
1,2-Dichloropropane	ND	ND	-	1
Dichlorobromomethane	ND	ND	ND	1
cis-1,3-Dichloropropene	ND	ND	-	1
trans-1,3-Dichloropropene	ND	ND	-	1
1,1,2-Trichloroethane	ND	ND	-	1
Tetrachloroethane	ND	ND	64	1
Chlorodibromomethane	ND	ND	-	1
1,2-Dibromoethane (EDB)	ND	ND	-	1
Chlorobenzene	ND	ND	-	1
Bromoform	ND	ND	-	1
1,1,2,2-Tetrachloroethane	ND	ND	-	1
1,3-Dichlorobenzene	ND	ND	66	1
1,4-Dichlorobenzene	ND	ND	-	1
1,2-Dichlorobenzene	ND	ND	66	1

ND = None Detected

GC Information

Surrogate (Trifluorotoluene/p-terphenyl) Recovery % - (23508 - 102/-) (Blank - 95/60) (Spike - 62/56)

Beth Knutsen
Reported By

QA Check

Greg Bolt
Greg Bolt
Laboratory Manager



AmTestino.

Professional Analytical Services

32055.W.NimbusAve. Beaverton,OR 97005

Tel:503 628 7424 Fax:503 643 1460

ANALYSIS REPORT

C
L Bill Knutson
I PEMCO
E P.O. Box 11589
N Portland OR 97211
T

Date Received: 8/23/93
Date Analyzed: 8/27/93
Date Reported: 8/30/93
Job Number: 23806
Page 4 of 4

Analysis - Toxic Characteristic Leaching Procedure (TCLP - 3 Metals)
Project Number - 5176
Project - Specialty Auto
Sample Type - Soil

Laboratory Sample Number Client Identification	23506 #2 South	23506-Dup #2 South	Digestion Blank	Matrix Spike	Detection Limit
Metals	Results mg/L	Results mg/L	Results mg/L	% Recovery	mg/L
Cadmium	0.04	ND	ND	100	0.03
Chromium	ND	ND	ND	97	0.03
Lead	0.06	0.05	ND	80	0.03

ND = None Detected

[Signature]
Reported By

[Signature]

QA Check

[Signature]
Greg Bolt
Laboratory Manager



AmTestInc.

Professional Analytical Services

62068.W.NimbusAve.
Beaverton,OR
97005

Tel:503 626 7424
Fax:503 643 1450

ANALYSIS REPORT

C
L Bill Knutson
I PEMCO
E P.O. Box 11569
N Portland OR 97211
T

Date Received: 8/31/83
Date Analyzed: 8/31/83
Date Reported: 9/1/83
Job Number: 24308-14
Page 1 of 1

*AFTER REMEDIATION
EXCAVATION*

Project Number - 5176
Project - Specialty Auto
Sample Type - Soil

Analysis - TPH-HCID

Lab Number	Client Identification	Results			
		Gasoline	Diesel	Other*	Surrogate** Recovery %
24309	#1 Bottom North	ND	ND	ND	101/98
24310	#2 Bottom South	ND	ND	ND	107/106
24311	#3 Sidewall North	ND	ND	ND	97/92
24312	#4 Sidewall South	ND	ND	ND	-/119
24313	#5 Sidewall East	ND	ND	ND	113/104
24314	#6 Sidewall West	ND	ND	ND	106/99
Lab Blank	8/31/93	ND	ND	ND	93/92

ND - None Detected

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

*Higher boiling petroleum products

**Trifluorotoluene/p-Terphenyl

Reported By *[Signature]*
QA Check *[Signature]*

[Signature]
Greg Bolt
Laboratory Manager

0159



ROSS ISLAND SAND & GRAVEL CO.

4315 S.E. McLOUGHLIN BLVD.
PORTLAND, OREGON 97202
PHONE 239-5504

DISPATCH OFFICE
Portland 239-5500
Vancouver 694-1534

1 49 AUG 23

CUSTOMER ORDER NO.

DATE

NO. T-4 46561

LOCATION

7427 NE Swan

TRUCK NO.

84

DRIVER

JOB

LOAD NO.

6

TIME DUE

SOLD TO

Pemco

5176-901

CHARGE

C.O.D.

DESCRIPTION			LOAD QTY.	TOTAL QTY.	PRICE	AMOUNT
MIX	MAX. SIZE	SLUMP				
1 sv	4" max	6"	9	53		
PREMIX CONCRETE		PLASTIC C.Y.				
HOTWATER		C.Y.				
ADMIXTURES						
STANDBY CHARGE	MINUTES					

UNIT PRICE COMPUTATION					SUB-TOTAL
BASE	Less Than Truckload Chg.	Premium Time Chg.	LONG HAUL	TOTAL	SALES TAX
					TOTAL

LEFT PLANT 1:50 START UNLOAD 2:45 TIME ON JOB
 ARRIVED JOB 2:05 FINISH UNLOAD 3:00 TIME ALLOWANCE

EXCESS UNLOADING
 TIME _____ Minutes

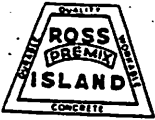
Water Added (Gals.) 20

Washington Miles

RECEIVED BY DAN

Sign Here

CAUTION
 MAY CAUSE EYE OR SKIN INJURY
 CONTAINS PORTLAND CEMENT
 If any mixture gets into the eyes,
 flush immediately, and see a doctor.
 If any mixture gets onto the skin, wash
 promptly with water.
 KEEP OUT OF REACH OF CHILDREN



ROSS ISLAND SAND & GRAVEL CO.

4315 S.E. McLOUGHLIN BLVD.
PORTLAND, OREGON 97202
PHONE 239-5504

DISPATCH OFFICE
Portland 239-5500
Vancouver 694-1534

CUSTOMER ORDER NO.

DATE:

12 56 AUG 23

NO. T-4 46558

LOCATION 727 NE Glisan

TRUCK NO. 20

DRIVER

JOB

LOAD NO. 3

TIME DUE:

SOLD TO Parnco

#5176-901

CHARGE C.O.D.

[checked] []

Table with columns: DESCRIPTION, MIX, MAX. SIZE, SLUMP, LOAD QTY., TOTAL QTY., PRICE, AMOUNT. Includes rows for PREMIX CONCRETE, HOTWATER, ADMIXTURES, and STANDBY CHARGE.

UNIT PRICE COMPUTATION

Table with columns: BASE, Less Than Truckload Chg., Premium Time Chg., LONG HAUL, TOTAL, SUB-TOTAL, SALES TAX, TOTAL.

LEFT PLANT 1:05 START UNLOAD 1:30 TIME ON JOB
ARRIVED JOB 1:25 FINISH UNLOAD 1:45 TIME ALLOWANCE
Water Added (Gals.) 4-7 Minutes

Washington Miles
RECEIVED BY DAN Sign Here

CAUTION
MAY CAUSE EYE OR SKIN INJURY
CONTAINS PORTLAND CEMENT
If any mixture gets into the eyes, flush immediately, and see a doctor.
If any mixture gets onto the skin, wash promptly with water.
KEEP OUT OF REACH OF CHILDREN



ROSS ISLAND SAND & GRAVEL CO.

4315 S.E. McLOUGHLIN BLVD.
PORTLAND, OREGON 97202
PHONE 239-5504

DISPATCH OFFICE
Portland 239-5500
Vancouver 694-1534

CUSTOMER ORDER NO. _____

DATE: **11 41 AUG 23**

LOCATION **7127 NE Glisan**

NO. **T-4 46556**

TRUCK NO. **75**

DRIVER **BOB**

JOB _____

LOAD NO. **1**

TIME DUE: **11:00**

SOLD TO **Pemco # 5176**
961

CHARGE C.O.D.

MIX	DESCRIPTION	MAX. SIZE	SLUMP	LOAD QTY.	TOTAL QTY.	PRICE	AMOUNT
1cy	PREMIUM CONCRETE	3/4"	6	9	9		
	HOTWATER		C.Y.				
	ADMIXTURES						
	STANDBY CHARGE		MINUTES				

UNIT PRICE COMPUTATION					SUB-TOTAL
BASE	Less Than Truckload Chg.	Premium Time Chg.	LONG HAUL	TOTAL	
72.05					
					SALES TAX
					TOTAL

LEFT PLANT **11:50** START UNLOAD **12:40** TIME ON JOB _____
 ARRIVED JOB **12:40** FINISH UNLOAD **12:55** TIME ALLOWANCE _____
 EXCESS UNLOADING TIME _____ Minutes

Water Added (Gals.) _____

Washington Miles _____

RECEIVED BY _____
Sign Here

CAUTION
 MAY CAUSE EYE OR SKIN INJURY
 CONTAINS PORTLAND CEMENT
 If any mixture gets into the eyes,
 flush immediately, and see a doctor.
 If any mixture gets onto the skin, wash
 promptly with water.
 KEEP OUT OF REACH OF CHILDREN



ROSS ISLAND SAND & GRAVEL CO.

4315 S.E. McLOUGHLIN BLVD
PORTLAND, OREGON 97202
PHONE 239-5504

DISPATCH OFFICE
Portland 239-5500
Vancouver 694-1534

12 10 AUG 23

CUSTOMER ORDER NO.

DATE:

NO. T-4 46557

LOCATION 7126 NE Mission

TRUCK NO. 811

JOB

DRIVER

LOAD NO. 2

SOLD TO Pemco

5176-901

TIME DUE

CHARGE C.O.D.

MIX	DESCRIPTION	LOAD QTY.	TOTAL QTY.	PRICE	AMOUNT
1st	PREMIX CONCRETE	9	18		
	HOTWATER				
	ADMITTIBLES				
	STANDBY CHARGE				

UNIT PRICE COMPUTATION

BASE	Less Than Truckload Chg.	Premium Time Chg.	LONG HAUL	TOTAL	SUB-TOTAL
20					
					SALES TAX
					TOTAL

LEFT PLANT 12:10 START UNLOAD 1:05 TIME ON JOB
 ARRIVED JOB 12:40 FINISH UNLOAD 1:15 TIME ALLOWANCE
 Water Added (Gals.) 10
 Washington Miles
 RECEIVED BY Dan Sign Here

CAUTION
 MAY CAUSE EYE OR SKIN INJURY.
 CONTAINS PORTLAND CEMENT.
 If any mixture flush immediately.
 If any mixture of promptly with water.
 KEEP OUT OF



ROSS ISLAND SAND & GRAVEL CO.

4315 S.E. McLOUGHLIN BLVD.
PORTLAND, OREGON 97202
PHONE 239-5504

DISPATCH OFFICE
Portland 239-5500
Vancouver 694-1534

1 27 AUG 23

CUSTOMER ORDER NO.

DATE:

NO. T-4 46559

LOCATION

7427 NE Illwaco

TRUCK NO.

75

DRIVER

Bob

LOAD NO.

4

TIME DUE:

JOB

SOLD TO

Pomeroy

#5176-901

CHARGE

C.O.D.

[X]

[]

Table with columns: DESCRIPTION, LOAD QTY., TOTAL QTY., PRICE, AMOUNT. Rows include: 1 sq. yd. 9" max size plastic c.y. premix concrete, hotwater, admixtures.

UNIT PRICE COMPUTATION table with columns: BASE, Less Than Truckload Chg., Premium Time Chg., LONG HAUL, TOTAL. Includes sub-total, sales tax, and total.

LEFT PLANT 1:35 START UNLOAD 2:05 TIME ON JOB EXCESS UNLOADING
ARRIVED JOB 1:55 FINISH UNLOAD 2:15 TIME ALLOWANCE TIME Minutes

Water Added (Gals.)

Washington Miles

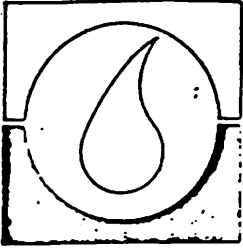
RECEIVED BY

Sign Here

CAUTION
MAY CAUSE EYE OR SKIN INJURY
CONTAINS PORTLAND CEMENT
If any mixture gets into the eyes, flush immediately, and see a doctor.
If any mixture gets onto the skin, wash promptly with water.
KEEP OUT OF REACH OF CHILDREN

FORM 627

NOT RESPONSIBLE FOR DAMAGES ON DELIVERY INSIDE CURB LINE
DELIVERY TICKET - CARRIER/CUSTOMER



PEMCO

437 N. Columbia Blvd.
P.O. Box 11569
Portland, Oregon 97211
Office (503) 283-2151
FAX (503) 283-6388

CERTIFICATION OF TANK DISPOSAL

DATE: 9/6/93

JOB NUMBER: 5176

LOCATION FROM WHICH REMOVED: Specialty Auto

<u>QUANTITY</u>	<u>SIZE</u>	<u>LAST KNOWN PRODUCT</u>
<u>1</u>	<u>750</u>	<u>Waste Oil</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

TRANSPORT DRIVER: *Mike Gerrell*

RECEIVING SCRAPYARD: NAME: *Schitzer Steel*

ADDRESS: _____

RECEIVED BY: *Josephine Baker SEP 9-1-93*

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Exempt

Manifest Document No.

0000

2. Page 1

1 of 1

3. Generator's Name and Mailing Address

*Specialty Auto
7433 NE 61st, Portland, OR 97213*

4. Generator's Phone (503) *238-4671*

5. Transporter 1 Company Name

Jenico

6. US EPA ID Number

CA 0982519207

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

*U.S. Ecology of Nevada
HWY 95, 12 miles S. of
Patty, Nevada 89003*

10. US EPA ID Number

N.V.T. 330010000

A. Transporter's Phone *905-922-0771*

B. Transporter's Phone

C. Facility's Phone *702-553-2003*

11. Waste Shipping Name and Description

a. *NON-RCRA Waste Oil Sludge, N.O.S.
(6.5 Sludge)*

12. Containers	13. Total Quantity	14. Unit Wt/Vol
No.	Type	
<i>2</i>	<i>D.M.</i>	<i>1.10</i>
<i>.</i>	<i>.</i>	<i>.</i>
<i>.</i>	<i>.</i>	<i>.</i>
<i>.</i>	<i>.</i>	<i>.</i>

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Nevada Waste Stream # 07-012-2380

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Misty Silva Inc P.O. Box 1000

Signature

[Signature] Month Day Year *07 11 93*

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

CHRIS VESTER

Signature

[Signature] Month Day Year *07 11 93*

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. E.X.E.M.P.T.	Manifest Document No. 000002	2. Page 1 1 of 1	Information in the shaded areas is not required by Federal law.
---	---	--	----------------------------	---

3. Generator's Name and Mailing Address Specialty Auto 7433 NE. Glisan, Portland, OR. 97213	A. State Manifest Document Number	B. State Generator's ID
4. Generator's Phone (503) 238-4671	C. State Transporter's ID 410456	D. Transporter's Phone (805) 922-0771
5. Transporter 1 Company Name Jervicon	6. US EPA ID Number C.A.D.9.8.2.5.1.9.2.0.9	E. State Transporter's ID
7. Transporter 2 Company Name	8. US EPA ID Number	F. Transporter's Phone
9. Designated Facility Name and Site Address U.S. Ecology of Nevada HWY 95, 12 miles S. of Beatty, Nevada 89003	10. US EPA ID Number N.V.T.3.3.0.0.1.0.0.0.0	G. State Facility's ID
		H. Facility's Phone (702) 553-2203

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
	No.	Type			
a. ^{HM} (RQ) Waste Flammable Liquid, N.O.S. (gasoline sludge) Flammable Liquid UN 1993	1	DM	.55	G	Dool D018
b. NON-RCRA Waste Oil Sludge, N.O.S. (oil/sludge)	2	DM	110	G	Exempt
c.					
d.					

J. Additional Descriptions for Materials Listed Above Nevada Waste Stream # 07-012-2385	K. Handling Codes for Wastes Listed Above
---	---

15. Special Handling Instructions and Additional Information
Use Proper Safety Precautions

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name Misty Silva for PEMCO	Signature <i>[Signature]</i>	Month Day Year 09 21 93
--	---------------------------------	-----------------------------------

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name CHRIS VENTER	Signature <i>[Signature]</i>	Month Day Year 09 21 93
--	---------------------------------	-----------------------------------

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

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name	Signature	Month Day Year
--	-----------	----------------

SUNWEST ENERGY CORP.
 P.O. Box 17008
 Portland, OR 97217-0008
 (503) 286-8200

53148

RECEIPT AND RUN TICKET

DATE 9-27-93

Supplier PENCO CHECK IF
TICKET No. 100939
 Carrier PENCO WT. Ticket No. 100939

Material gray H₂O
 Comments 2 DRUMS
 Gravity _____ G _____
 A.P.I. Gravity _____ B.S. & W. % _____

Tank No.	Feet	Inches	Gross $\frac{BBL}{GAL}$	Temp.	60°F Bbls.
<u>101</u>	<u>HI</u>		<u>2 DRUMS</u>		
	<u>LO</u>				
	<u>HI</u>	<u>#5176-9A-204-040 - 1 drum</u>			
	<u>LO</u>				

Truck Markers #930917003 Gals. _____ Bbls. _____ Temp. _____

Signature For Volume Only: [Signature]
 Carrier _____
Job #

For Accounting Use Only:

CALCULATIONS

Gross $\frac{BBL}{GAL}$ 2 DRUMS @ 60°F, Less _____ % B.S. & W
 Net $\frac{BBL}{GAL}$ _____ @ 60°F, Price Unit \$ 55.00 Net $\frac{BBL}{GAL}$ _____
 Total Extension \$ 110.00

INVOICE

0-2
4130-2

2585

**SPENCER
ENVIRONMENTAL SERVICES, INC.**
15770 South Beaver Glen Drive
OREGON CITY, OREGON 97045
±
(503) 655-0896
EPA ID#ORD-980-836-415

JOB PHONE	DATE OF ORDER 8-13-93
JOB NAME/LOCATION GLISAN/ SPECIALTY NISSAN	
PO# 5176-195	

TO PEMCO

PO BOX 11569

PHONE

PORTLAND OR 97211

ORDER TAKEN BY

TERMS: 1 1/2% 10 Days Billing Date
Net 30 Days

8-18-93

DESCRIPTION	AMOUNT			
Pumped out one waste oil tank at Specialty Nissan				
\$65.00 per hour; 2 hour minimum	130.00			
DISPOSAL:				
80 gallons of liquid @ \$.50 per gal.	40.00			
Signature certifies that to the best of my knowledge this product has not been mixed with hazardous waste.				
A FINANCIAL CHARGE of 1 1/2% per month may be applied to any Past Due amount. Past Due Accounts may be placed on C.O.D. without notification. If outside collection action is necessary purchaser shall pay all costs of collection including reasonable attorney's fees.				
LABOR	HOURS	RATE	AMOUNT	TOTAL MATERIAL
#10 Joe				TOTAL LABOR
WORK ORDERED BY	DATE COMPLETED	TOTAL LABOR		TAX
PAY THIS AMOUNT →				170.00

Thank You

SIGNATURE (I hereby acknowledge the satisfactory completion of the above described work.)

Manifest

TPS Technologies Soil Recycling Non-Hazardous Soils

Manifest #

Date of Shipment: --	Responsible for Payment: CONSULTANT	Transporter Truck #: PEMCO	Facility#: 07	Given by TPS: 00207	Load #: 001
-------------------------	--	-------------------------------	------------------	------------------------	----------------

Generator's Name and Billing Address: SPECIALTY AUTOMOTIVE 7433 NE GLISAN PORTLAND, OR 97213	Generator's Phone #: () - Person to Contact: FAX#: () -	Generator's US EPA ID No. Customer Account Number with TPS:
---	---	--

Consultant's Name and Billing Address: PEMCO P.O. BOX 11569 PORTLAND, OR 97211	Consultant's Phone #: (503) 257-3253 Person to Contact: KENNETH THIESSEN FAX#: () -	Customer Account Number with TPS: 1000502
---	---	--

Generation Site (Transport from): (name & address) SPECIALTY AUTOMOTIVE 7433 NE GLISAN PORTLAND, OR	Site Phone #: () - Person to Contact: FAX#: () -	BETX Levels ppb TPH Levels 650N57 ppm 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 Person to Contact: Glenna Mullian FAX#: (503) 240-1712	Facility Permit Numbers
---	--	-------------------------

Transporter Name and Mailing Address:	Transporter's Phone #: () - Person to Contact: FAX#: () -	Transporter's US EPA ID No.: Transporter's DOT No.: 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"/>			81740	82500	19240
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"/>				2450	1000

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 melus for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

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. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Chad E. Sorell Signature and date: [Signature] Month Day Year: 8/31/93

Discrepancies: Em

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

Print or Type Name: Glenna Mullian Signature and date: [Signature] 8-31-93

Generator and/or Consultant

Transporter

Recycling Facility

TPS Technologies Soil Recycling Non-Hazardous Soils

Manifest

1 Manifest # 1

Date of Shipment	Responsible for Payment	Transporter Truck #	Facility #	Given by TFS	Load #
		PEMCO	07	00207	mob

Generator's Name and Billing Address:		Generator's Phone #:	
SPECIALTY AUTOMOTIVE 7433 NE GLISAN PORTLAND, OR 97213		00207	
Consultant's Name and Billing Address:		Consultant's Phone #:	
PEMCO P.O. BOX 11569 PORTLAND, OR 97211		() ()	
Generator Site (Transport from): (name & address)		Site Phone #:	
SPECIALTY AUTOMOTIVE 7433 NE GLISAN PORTLAND, OR		BETX Levels ppb	
Designated Facility (Transport to): (name & address)		Facility Phone #:	
Oregon Hydrocarbon Inc. 9333 North Harborage Street Portland, OR 97203		(503) 735-9525	
Transporter Name and Mailing Address:		Transporter's Phone #:	
Blenna Mullian FAX#: (503) 240-1712		Transporter's US EPA ID No.:	
Person to Contact:		Transporter's DOT No.:	
Blenna Mullian FAX#: (503) 240-1712		Customer Account Number with TFS:	
FAX#: (503) 240-1712		1000502	

Generator's Name and Billing Address:		Generator's Phone #:	
SPECIALTY AUTOMOTIVE 7433 NE GLISAN PORTLAND, OR 97213		00207	
Consultant's Name and Billing Address:		Consultant's Phone #:	
PEMCO P.O. BOX 11569 PORTLAND, OR 97211		() ()	
Generator Site (Transport from): (name & address)		Site Phone #:	
SPECIALTY AUTOMOTIVE 7433 NE GLISAN PORTLAND, OR		BETX Levels ppb	
Designated Facility (Transport to): (name & address)		Facility Phone #:	
Oregon Hydrocarbon Inc. 9333 North Harborage Street Portland, OR 97203		(503) 735-9525	
Transporter Name and Mailing Address:		Transporter's Phone #:	
Blenna Mullian FAX#: (503) 240-1712		Transporter's US EPA ID No.:	
Person to Contact:		Transporter's DOT No.:	
Blenna Mullian FAX#: (503) 240-1712		Customer Account Number with TFS:	
FAX#: (503) 240-1712		1000502	

Generator's Name and Billing Address:		Generator's Phone #:	
SPECIALTY AUTOMOTIVE 7433 NE GLISAN PORTLAND, OR 97213		00207	
Consultant's Name and Billing Address:		Consultant's Phone #:	
PEMCO P.O. BOX 11569 PORTLAND, OR 97211		() ()	
Generator Site (Transport from): (name & address)		Site Phone #:	
SPECIALTY AUTOMOTIVE 7433 NE GLISAN PORTLAND, OR		BETX Levels ppb	
Designated Facility (Transport to): (name & address)		Facility Phone #:	
Oregon Hydrocarbon Inc. 9333 North Harborage Street Portland, OR 97203		(503) 735-9525	
Transporter Name and Mailing Address:		Transporter's Phone #:	
Blenna Mullian FAX#: (503) 240-1712		Transporter's US EPA ID No.:	
Person to Contact:		Transporter's DOT No.:	
Blenna Mullian FAX#: (503) 240-1712		Customer Account Number with TFS:	
FAX#: (503) 240-1712		1000502	

Generator's Name and Billing Address:		Generator's Phone #:	
SPECIALTY AUTOMOTIVE 7433 NE GLISAN PORTLAND, OR 97213		00207	
Consultant's Name and Billing Address:		Consultant's Phone #:	
PEMCO P.O. BOX 11569 PORTLAND, OR 97211		() ()	
Generator Site (Transport from): (name & address)		Site Phone #:	
SPECIALTY AUTOMOTIVE 7433 NE GLISAN PORTLAND, OR		BETX Levels ppb	
Designated Facility (Transport to): (name & address)		Facility Phone #:	
Oregon Hydrocarbon Inc. 9333 North Harborage Street Portland, OR 97203		(503) 735-9525	
Transporter Name and Mailing Address:		Transporter's Phone #:	
Blenna Mullian FAX#: (503) 240-1712		Transporter's US EPA ID No.:	
Person to Contact:		Transporter's DOT No.:	
Blenna Mullian FAX#: (503) 240-1712		Customer Account Number with TFS:	
FAX#: (503) 240-1712		1000502	

Generator's Name and Billing Address:		Generator's Phone #:	
SPECIALTY AUTOMOTIVE 7433 NE GLISAN PORTLAND, OR 97213		00207	
Consultant's Name and Billing Address:		Consultant's Phone #:	
PEMCO P.O. BOX 11569 PORTLAND, OR 97211		() ()	
Generator Site (Transport from): (name & address)		Site Phone #:	
SPECIALTY AUTOMOTIVE 7433 NE GLISAN PORTLAND, OR		BETX Levels ppb	
Designated Facility (Transport to): (name & address)		Facility Phone #:	
Oregon Hydrocarbon Inc. 9333 North Harborage Street Portland, OR 97203		(503) 735-9525	
Transporter Name and Mailing Address:		Transporter's Phone #:	
Blenna Mullian FAX#: (503) 240-1712		Transporter's US EPA ID No.:	
Person to Contact:		Transporter's DOT No.:	
Blenna Mullian FAX#: (503) 240-1712		Customer Account Number with TFS:	
FAX#: (503) 240-1712		1000502	

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"/> 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"/>					
Clay <input type="checkbox"/> Organic <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"/> 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"/>					
Clay <input type="checkbox"/> Organic <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: If we certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator Consultant

Signature and date: _____

Transporter's certification: If we acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. If we further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: _____

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: _____

Signature and date: _____

Month Day Year: _____

Recycling Facility

Print or Type Name: _____

Signature and date: _____

Month Day Year: _____

Matrix Checklist

- ✓ 1. The release of petroleum has been reported to the Department of Environmental Quality (220).
- ✓ 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).
- ✓ 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)).
- ✓ 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 .
- MA 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.
- MA 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.
- ✓ 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).
- ✓ 8. All final confirmatory soil samples have been analyzed using the methods required by the Department (350).
- ✓ 9. If a tank was decommissioned in place, the Department gave prior approval for a site-specific sampling plan (340(5)).
- ✓ 10. A report has been prepared which contains all of the information required by the rules (360).

MATRIX SCORE SHEET

<p>1. Depth to Groundwater</p> <p>< 25 feet (10)</p> <p>25 - 50 feet (7)</p> <p>51 - 100 feet (4)</p> <p>> 100 feet (1)</p>	10
<p>2. Mean Annual Precipitation</p> <p>>40 inches (10)</p> <p>20 - 40 inches (5)</p> <p><20 inches (1)</p>	5
<p>3. Native Soil Type</p> <p>Coarse sands, gravels (10)</p> <p>Silts, fine sands (5)</p> <p>Clays (1)</p>	5
<p>4. Sensitivity of Uppermost Aquifer</p> <p>Sole Source (10)</p> <p>Current Potable (7)</p> <p>Future Potable (4)</p> <p>Non-potable (1)</p>	4
<p>5. Potential Receptors</p> <p>Many, near (10)</p> <p>Medium (5)</p> <p>Few, far (1)</p>	10
<p>TOTAL SCORE =</p>	34

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