SOILSOLUTIONS
ENVIRONMENTAL SERVICES

3540 SE 28th Avenue Portland, Oregon 97202

Office 503.234.2118
Toll Free 877.234.2118
Fax 503.331.7133

www.soilsolutionsenvironmental.com

Heating Oil Tank Cleanup Report
State of Washington Department of Ecology

Property Owner:
Tracy Bollin

Property Address:
712 W 35th Street
Vancouver, WA 98660

Work Performed By:
Soil Solutions Environmental Services Inc.
P.O. Box 15102
Portland, OR 97293
503-234-2118

CCB#138344
WA#SOILS**995NM

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SITE NARRATIVE FOR 712 W 35TH STREET

Soil Solutions Environmental Services (SSES) was contracted to perform a site assessment around and decommission a residential underground heating oil tank (HOT) located at 712 W 35th Street in Vancouver, Washington. SSES arrived at the site on February 13, 2017. One approximately 300-gallon HOT was located adjacent to the north side of the residence in an east-west orientation. The top of the tank was buried at a depth of 1.4 feet below ground surface (bgs) and the bottom of the tank was buried 4.5 feet bgs.

The top of the tank was exposed and a portion was cut open. Approximately 5 gallons of sludge and a trace of product were removed from the tank and the interior was thoroughly pressure-washed. The tank contents were transported to SSES equipment yard for temporary storage. The sludge and liquids were transported, in bulk, by Oil Re-Refining Company (ORRCO) for proper disposal. A copy of the disposal receipt is attached. There were holes observed in the tank sides.

Two soil samples were collected with hand-augers from the tank area. Sample 1 was collected from the west tank end at a depth of 4.5-6 feet. Field technicians indicated no obvious diesel staining or odor was present. Sample 2 was collected from the east tank end at a depth of 4.5-5.5 feet bgs. Field technicians indicated heavy diesel staining and odor was resent in sample 2. The soil type at these depths was sandy gravel. The samples were submitted to Friedman and Bruya, Inc. (F&BI) in Seattle, Washington for analysis by for the Northwest Total Petroleum Hydrocarbon Analytical Method (NWTPH-Dx). The laboratory report showed no diesel was detected in sample 1 and there was 20,620 parts per million (ppm) diesel and residual range petroleum hydrocarbons detected in sample 2. All soil sampling lab results are presented in Table 1. The fuel release was reported to the property owner and the Department of Ecology (DOE) Environmental Report Tracking System on February 17, 2017.

SSES provided a proposal, dated February 17, 2017, to remove the tank and contaminated soil and perform remedial actions in accordance with the Model Toxics Control Act Cleanup Regulation, WAC 173-340 350(7). SSES obtained the applicable demolition permit (DMO-216660) from City of Vancouver. On March 16, 2017 the entire tank was removed from the ground and transported to SSES equipment yard for future consolidated recycling at Metro Metals NW in Portland, Oregon.

Digging began at a depth of 4.5 feet on both pit ends. Digging ceased at 8 feet on the east pit bottom. Approximately 2.67 tons of diesel-contaminated soil was removed from the excavation pit and transported by drop box to Waste Management Hillsboro Landfill for proper disposal. A copy of the disposal receipt is attached. Five discrete soil samples were collected from the excavation pit. One from the pit center at a depth of 6 feet and four samples around the east pit bottom and walls, that appeared most contaminated, at depths of 6-8 feet bgs. These samples were collected using the excavator-grab method. The samples were submitted to F&BI for NWTPH-Dx analysis. The laboratory report showed contamination remained on the east pit bottom. All soil sampling lab results are presented in Table 1.

The final dimensions of the excavation pit were approximately 5 feet in width by 7 feet in length and 6-8 feet in depth. Due to the location of the excavation and the house, the City of Vancouver's Fire Marshal's Office required that the excavation pit be backfilled with structural fill in lieu of standard gravel backfill. On March 29, 2017 the excavation pit was backfilled with concrete slurry from Sonny's Concrete Pumping. The site was restored to surface grade with soil and topped with grass seed.

A total of seven soil samples were collected and submitted to F&BI in accordance with WAC 173-340 350(7). All samples were collected as grab samples with the excavator or with hand-driven sampling auger gear, placed into laboratory provided clean glass jars and stored in a cooler on ice. The samples were transported under chain of custody to the laboratory. All the samples collected were analyzed by F&BI by the NWTPH-Dx method. Table 1 is a summary of the sample numbers, dates of collection, sample identifications and analytical results. See attached site map for sample locations. Copies of laboratory data results and chain of custody forms for all samples collected are attached.

Table 1: Sample Numbers, Identifications and Analytical Results

Sample Numbers	Sample Dates	Sample Identifications	NWTPH-Dx Results mg/Kg (ppm)	
			Diesel	Residual Range
1	2/13/17	S1@4.5-6	<50	<250
2	*2/13/17*	*S2@4.5-5.5*	*20,000*	*620*
3	3/16/17	SG3@8.0	9,700	400
4	3/16/17	SG4@6.0	<50	<250
5	3/16/17	SG5@6.0	<50	<250
6	3/16/17	SG6@6.0	<50	<250
7	3/16/17	SG7@6.0	<50	<250

italics = sample location removed from the site during excavation
Bold = sample location to remain onsite
< = below detection limit or reporting limit
All samples collected in depths of feet below ground surface
Results reported in parts per million (ppm) (mg/kg)

The soil sample lab results showed the highest level of diesel and residual range petroleum hydrocarbon contamination remaining in the excavation pit was 10,100 ppm on the east pit bottom at 8 feet bgs. No unusual conditions or problems were encountered. There was no water encountered in the excavation. See attached site map for sample locations. Copies of receipts for the disposal of tank contents and contaminated soil are also attached. A copy of the City of Vancouver approved final inspections for Fire, Building and Demolition is included.

Summary and Conclusion

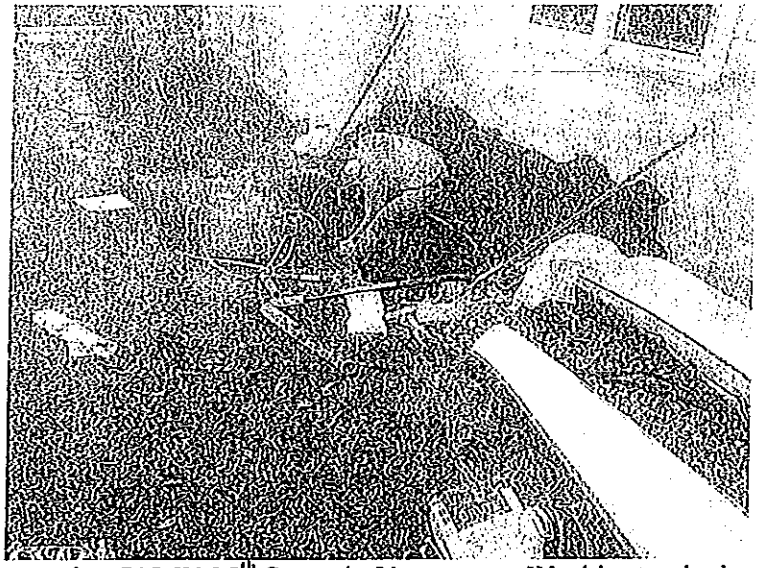
SSES decommissioned and removed the heating oil tank as well as a total of 2.67 tons of diesel-contaminated soil from the property. The seven soil samples collected were analyzed for diesel and residual range petroleum hydrocarbons. At the request of the property owner, no additional work on site is to be performed. The remaining contaminated soil on the property has not been fully determined. Concentrations above the DOE's MTCA Method A Cleanup Level of 2,000 ppm diesel persist on the property. Groundwater was not encountered during the site investigation or excavation project. An evaluation of product mobility shows that the release is relatively stable and there are no nearby potential receptors and the entire area is serviced by municipal water (City of Vancouver). The nearest surface water is Burnt Bridge Creek located approximately 1 mile northeast and no known beneficial wells nearby.

Our professional services have been performed, our findings obtained and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This statement is in lieu of other statements either expressed or implied. SSES is not responsible for the independent conclusions, opinions or recommendations made by others based on the records review, site observations, field exploration and laboratory test data presented in this report.

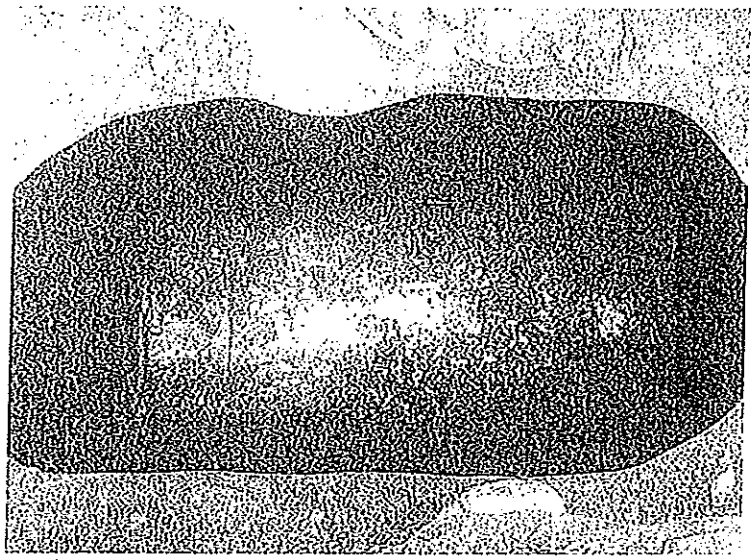
It should be noted that environmental evaluations are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and site evaluation. For these types of evaluations, it is often necessary to use information prepared by others and SSES cannot be responsible for the accuracy of such information. Additionally, the passage of time may result in a change in the environmental characteristics at this site and surrounding properties. This report does not warrant against future operations or conditions, nor does this warrant operations or conditions present of a type or at a location not investigated. This report is not a regulatory compliance audit and is not intended to satisfy the requirements of any state, federal, or local real estate transfer laws.

This report is intended for the use of the property owner. This report may not be used or relied upon by any other party without the written consent of Soil Solutions Environmental Services. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

SITE PHOTOS



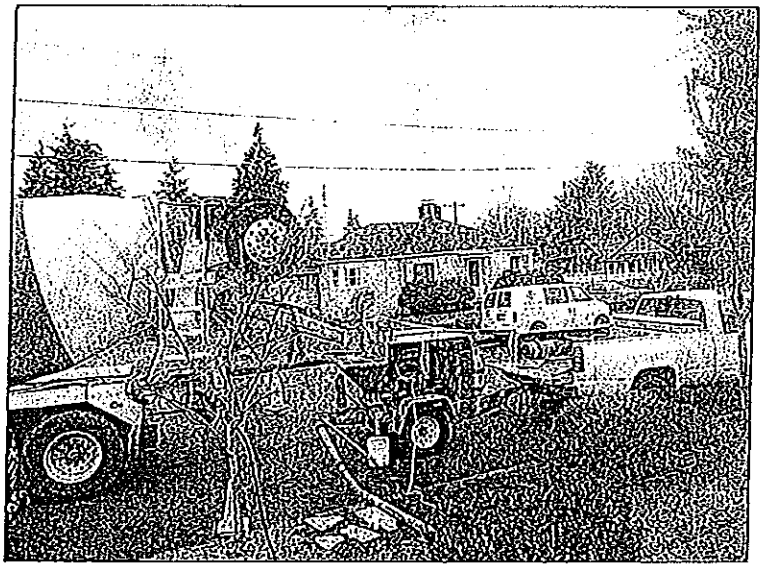
The property located at 712 W 35th Street in Vancouver, Washington had an underground storage tank located adjacent to the north side of the house.



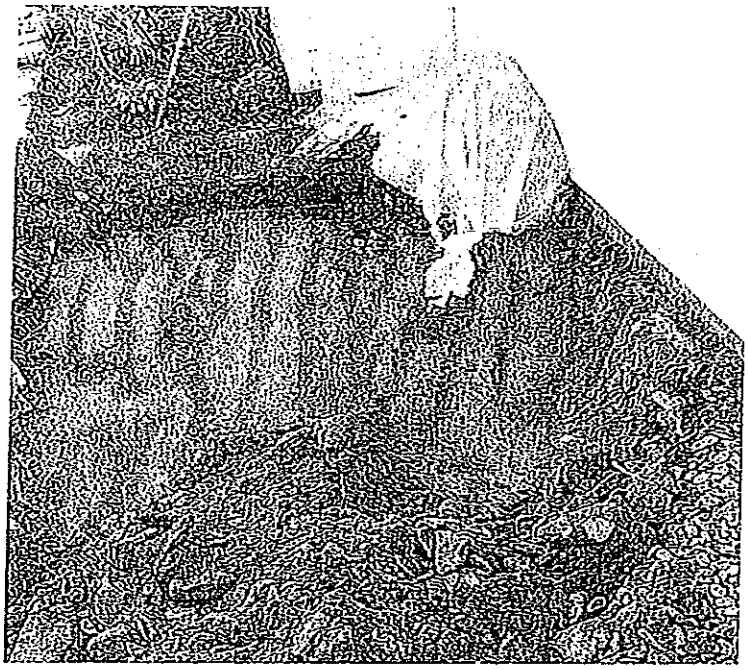
The top of the tank was exposed and cut open. The tank contents were removed and the tank was thoroughly pressure-washed.

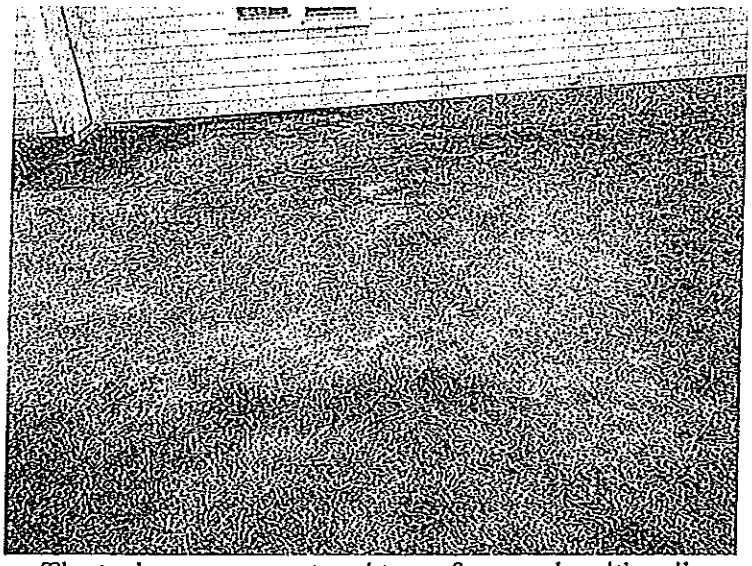
The entire tank was removed and disposed of properly.

Approximately 2.67 tons of petroleum-contaminated soil was removed from beneath the tank bottom and taken to the Hillsboro Landfill for proper disposal.

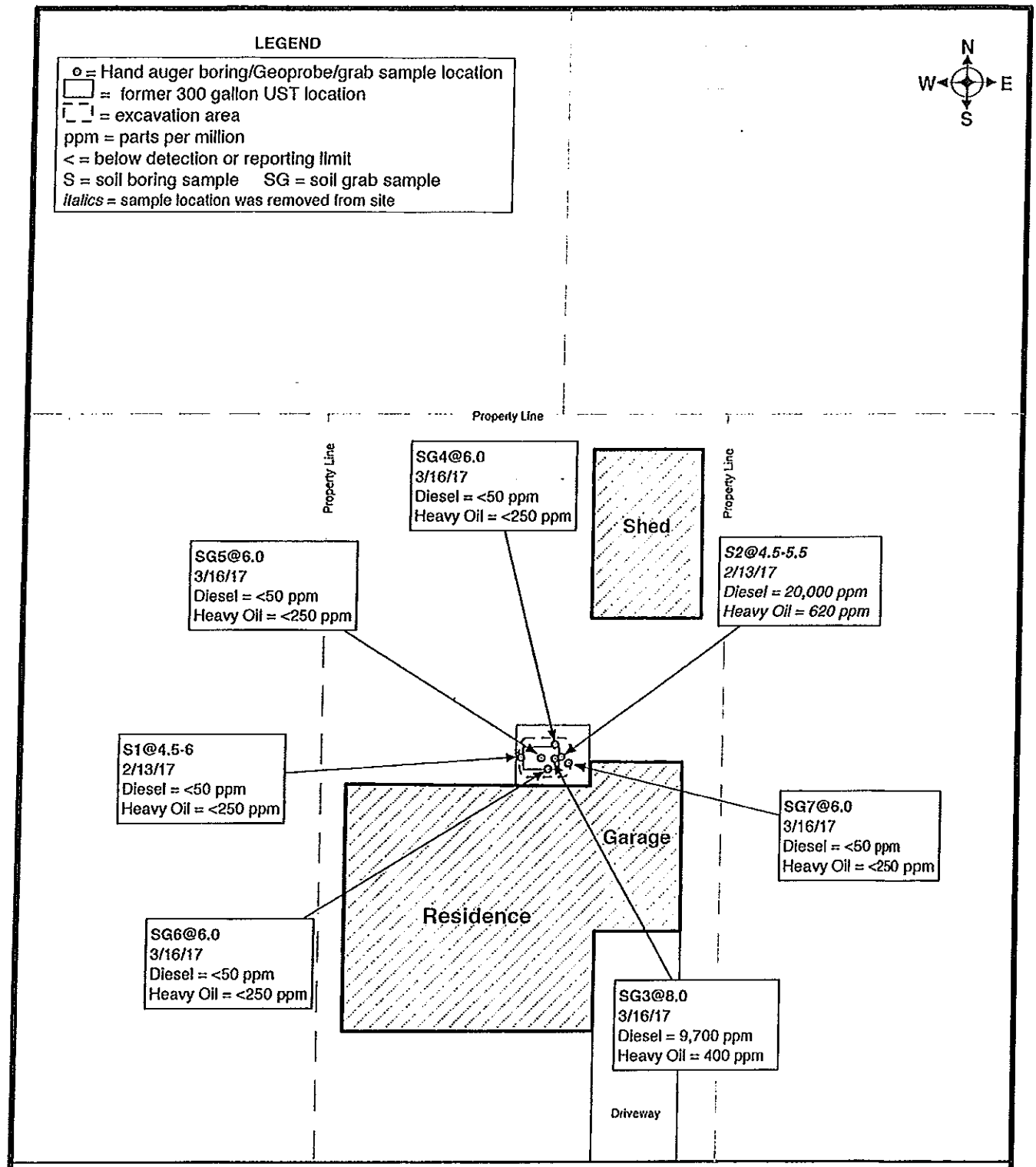


The excavation area was backfilled with concrete slurry.





The tank area was restored to surface grade with soil.



Soil Solutions Environmental Services, Inc.	Site Map with Sample Locations 712 W 35th Street Vancouver, Washington 98660	PROJECT: Bollin DATE: 3/30/17 SCALE: 1" = 20'

Headquarters
4150 N. Suttle Road
Portland, Oregon 97217
Phone 503-286-8352
Toll Free 800-367-8894
EPA# ORD980975692

ORRCO Oil Re-Refining Company

Goshen, OR: EPA# ORQ000024941
Hoquiam, WA: EPA# WAD988519419
Klamath Falls, OR: EPA# ORD980980775
Kennewick, WA: EPA# WAH000011577
Medford, OR: EPA# ORD987197092
Coos Bay, OR: EPA# ORD980978266
Spokane, WA: EPA# WAH000011585

BILL OF LADING 303924

Date: 4-3-17 Customer # 978

Dispatch #

Generator

Name: SOIL SOLUTIONS Contact Person: CHARLIE 503-234-2118 Phone:

Address: 3540 SE 28TH AVE City: PORTLAND State: OR Zip: 97202 County:

Billing Information

Check# PO#

Transportation

Consigned To: OIL REREFINING

Destination: 4150 N. SUTTLE RD PORTLAND, OR. 9721

Via Carrier: ORRCO

Driver: DANNY W Truck # 4102 Load Ticket #

Gal./Brl.	Description	Profile Date #	GDT/HCDT	pH	Flash Point	Rate per Gal./Brl.	Rate Per Hour	Char
1855	EMULSIFIED FUEL & WATER	3/23/16			>200F	.50		
1	MONOCLOR TEST					40.00		
2 HR	TRUCK & DRIVER						95.00	

Above material is being transported for Recycling | EPA# NONE | Total:

Customer warrants that the waste petroleum products being transferred by the above collector does not contain any contaminants including, without limita pesticides, chlorinated solvents at concentrations greater than 1000 PPM, PCBs at concentrations greater than 2 PPM (or 50 PPM with Analytical), or any other material classified as hazardous waste by 40 CFR part 261, Subparts C and D (implementing the federal Resource Conservation and Recovery Act) or by any equivalent state hazardous substance classification program. Should Laboratory tests find this waste not in compliance with 40 CFR Part 261, customer (generator) agrees to pay for all disposal costs incurred.

Signed X [signature] Date: 4-3-17

Hillsboro Landfill
3205 SE MINTER BRIDGE RD,
HILLSBORO, OR, 97123-5350
Ph: (503) 640-9427

Reprint Ticket # 1437788

Customer Name	SOILSOLUTION	Carrier	WASTE CONNECTIONS
Ticket Date	03/17/2017	Vehicle#	413 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVID
Hauling Ticket#		Check#	
Route		Billing#	0002022
StateWasteCode		Gen EPA ID	N/A
Manifest	NA	Grid	
Destination			
PO#	SOIL SOLUTIONS		
Profile	106177OR(PCS-HEATING OIL/DIESEL~SOIL SOLUTIONS~SOIL SOLUTIONS~106177OR)		
Generator	599198 OR-SOIL SOLUTIONS		

	Time	Scale	Operator	Inbound		
In	03/17/17 12:26:48 PM	Inbound 2	STANNERY		Gross	37240 lb
Out	03/17/17 01:09:25 PM	Outbound	ksteffle		Tare	31900 lb
					Net	5340 lb
					Tons	2.67

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Daily Cover-PCS-Tons-Oregon Pet	100	2.67	Tons	35.31		$94.28	MULT-IN
13% FEA-13% FEA FEE	100		%	13.00		$12.26	

Total Fees
Driver's Signature _____ Total Ticket $106.54

METRO METALS NORTHWEST, INC.
5611 NE Columbia Blvd.
Portland, OR 97218

Dispatch Ticket

Dispatch#	915652
Confirm#	
Contract#	
C.I. Date	MAR.17 17 10:28 AM
Dispatcher	Chris Schwartz
Cust.#	1483
Customer	Soil Solutions 3540 SE 28th Ave Portland, OR 97202
Trader	Dave Grill

Sched Date	MAR.18 17 10:28 AM
Move Date	MAR.21 17 12:00 AM
B/L No.	Charlie
Truck Name	#28 11 Freightliner
Appt#	
Tkt. Status	Assigned
Truck#	28
Trailer#	
Driver	Ron Dearden
Contact	Grill, Dave
Phone#	(503) 209-9200 Charlie

Trip Code EXCH

Trip Type Exchange

Material

Container Information

Type

Outgoing 30276

Outgoing

Incoming

Incoming 25105

Directions to Vendor
30yd
Respot box in same spot

Special Instructions
Mon-Fri 9am-2pm
2 hour standard

Trip Information

Trip Notes
TIP

Yard Notes

Dispatch Log Complete and Box Inspected

Driver _____ Date 3-21-17

Customer Signature

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

February 20, 2017

Emily Smith, Project Manager
Soil Solutions
3540 SE 28th Ave
Portland, OR 97202

Dear Ms Smith:

Included are the results from the testing of material submitted on February 14, 2017 from the 712 W 35th St, F&BI 702196 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: officemanager@soilsolutionsenvironmental.com
SSI0220R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/20/17
Date Received: 02/14/17
Project: 712 W 35th St, F&BI 702196
Date Extracted: 02/14/17
Date Analyzed: 02/14/17

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND RESIDUAL RANGE
USING METHOD NWTPH-Dx
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Residual Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
S1@4.5-6 702196-01	<50	<250	118
S2@4.5-5.5 702196-02	20,000	620 x	ip
Method Blank 07-306 MB	<50	<250	121

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/20/17
Date Received: 02/14/17
Project: 712 W 35th St, F&BI 702196

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 702192-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	94	95	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	94	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

702196

SAMPLE CHAIN OF CUSTODY

ME 02/14/17 BOS

Send Report To: Emily Smith
Company: Soil Solutions
Address: 3540 SE 28th Avenue
City, State, Zip: Portland, OR 97202
Phone #: (503) 234-2118 Fax #: (503) 331-7133

SAMPLERS (signature): Toshi Sagara
PROJECT NAME/NO.: 712 W 35th St
PO #:
REMARKS:

Page # ____ of ____

TURNAROUND TIME
☐ Standard
☑ RUSH 24
Rush charges authorized by:

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-HCID	NWTPH-Gx	BTEX 8021B	BTEXN 8260C	PAHs (No N) 8270CCIM	PAHs 8270C SIM	Lead by 200.8			Notes
SB@4.5-6	01	2/8/17		Soil	1	X										
SB@4.5-5.5	02AB	↓		↓	2	X										

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Toshi Sagara	Toshi Sagara	SS	2/8/17	
Received by: Nhan Phan	Nhan Phan	FEBI	2/14/17	0830
Relinquished by:				
Received by:				

Samples received at 4 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

March 22, 2017

Emily Smith, Project Manager
Soil Solutions
3540 SE 28th Ave
Portland, OR 97202

Dear Ms Smith:

Included are the results from the testing of material submitted on March 17, 2017 from the 712 W 35th St, F&BI 703296 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: officemanager@soilsolutionsenvironmental.com
SSI0322R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/22/17
Date Received: 03/17/17
Project: 712 W 35th St, F&BI 703296
Date Extracted: 03/17/17
Date Analyzed: 03/17/17

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND RESIDUAL RANGE
USING METHOD NWTPH-Dx
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Residual Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
SG3@8.0 703296-01	9,700	400 x	120
SG4@6.0 703296-02	<50	<250	103
SG5@6.0 703296-03	<50	<250	115
SG6@6.0 703296-04	<50	<250	113
SG7@6.0 703296-05	<50	<250	101
Method Blank 07-578 MB	<50	<250	109

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/22/17
Date Received: 03/17/17
Project: 712 W 35th St, F&BI 703296

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 703296-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	88	95	63-146	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	87	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

703296

SAMPLE CHAIN OF CUSTODY

ME 03/17/17 VSG/EVG

Send Report To: Emily Smith
Company: Soil Solutions
Address: 3540 SE 28th Avenue
City, State, Zip: Portland. OR 97202
Phone #: (503) 234-2118 Fax #: (503) 331-7133

SAMPLERS (signature):
PROJECT NAME/NO.: 712 W 35th St
PO #:
REMARKS:

Page # ____ of ____

TURNAROUND TIME
- ☐ Standard
- ☐ RUSH ____
- Rush charges authorized by: ____

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-HCID	NWTPH-Gx	BTEX 8021B	BTEXN 8260C	PAHs (No N) 8270C/SIM	PAHs 8270C SIM	Lead by 200.8			Notes
SG3 @ 8.0	01	3/16/17		Soil	1 jar 2 VOA	X										
SG4 @ 6.0	02				1 Jar	X										
SG5 @ 6.0	03				1 Jar	X										
SG6 @ 6.0	04				1 Jar	X										
SG7 @ 6.0	05				1 Jar	X										

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Antonio R.	S/S	3/16/17	
Received by:	Nhan Pham	FEBI	3/17/17	0800
Relinquished by:				
Received by:				

Samples received at 6 °C

COMMUNITY AND ECONOMIC DEVELOPMENT

JOB SITE COPY

Demolition

THIS PERMIT CARD AND PLANS ARE REQUIRED TO BE PRESENT ON JOB SITE FOR ALL INSPECTIONS

ADDRESS: 712 W 35TH ST	APPLICATION NUMBER:DMO-216660

JOB SITE INSPECTION RECORD - APPLICANT SHALL POST ON SITE

Scope of work being performed: DECOMMISSIONING AND REMOVAL OF UNDERGROUND HEATING OIL TANK. COLLECTING SOIL SAMPLES BENEATH TANK TO DETERMINE IF TANK HAS LEAKED. BACKFILLING THE SITE WITH GRAVEL AND RESTORING THE GRADE.

Other permit types or inspections may be necessary depending on your scope of work. However, the inspections listed below are the only available inspections for this Permit Type.

Fire Inspections

INSPECTION	RESULT	DATE	INSPECTOR
FR565 Underground Tank Rem/Pre-Fill	APPROVED	03/29/17	5963

Final

INSPECTION	RESULT	DATE	INSPECTOR
INST299 Final Demo	APPROVED	03/30/17	5963
INST295 Final Building	APPROVED	03/29/17	451

NOTES:

To Schedule an Inspection:
IWR Inspection Requests: epermits.cityofvancouver.us
(Available 7 days a week from 5 AM to 10 PM)
IVR Inspection Request Line 360-619-1200 (Available 7 days a week from 5 AM to 10 PM)