

Create A New Incident

Site

New Log Number: 26-09-0606

Name

MORSE BROS.

Address

1339 NW EASTWOOD AVE

County

MULTNOMAH

City

GRESHAM

Type

☒ Regulated
☐ HOT
☐ Non Regulated

Facility Id

2861

UST Lookup

Phone

(503) 666-5577

Zip

97030

☐ No Valid Address

Received

7/8/2009

Discovered

7/7/2009

Contacts

Responsible Party

First Name

Mike

Last Name

House

Organization

Morse Bros. Inc.

Address

32260 Old Highway 34

City

Tangent

Zip

97389

State

OR

Country

USA

Phone

541-928-6491

E-Mail

Responsible Party Lookup

Copy RP >>>

Invoice Contact Lookup

Invoice Contact

First Name

Mike

Last Name

House

Organization

Knife River

Address

32260 Old Highway 34

City

Tangent

Zip

97389

State

OR

Country

USA

Phone

541-928-6491

E-Mail

Assessment

Discovery

DECOMMISSIONING

Cause

UNKNOWN

Source

PIPING

Confirmation

LAB SAMPLE - RP

Medias: Please Select One or More.

☒ Soil
☐ Drinking Water
☐ Groundwater
☐ Surface Water
☐ Vapor
☐ Free Product

Contaminants: Please Select One or More.

☐ Heating Oil
☐ Unleaded Gas
☐ Misc. Gas
☐ Lubricant
☒ Diesel
☐ Solvent
☐ Waste Oil
☐ Leaded Gas
☐ Other Petro
☐ Chemical
☐ MTBE
☐ Unknown

Help

Close

Clear

Save

Q-Time # 41159
 CRA 6/30/10 LK
 FIR 10/11/10 XD
 11/17/10 XD
 NFA 1/19/11 XD

FILE NAME: Morse Bros.LOG NO. 26 - 09 - 0606

NWR'S NFA TRACKING CHECKLIST

ROUTE TO	ACTIVITY	RESPONSIBLE PERSON	DATE COMPLETED
Kevin	UST database checked by Project Manager (PM) to make sure fees paid and tanks closed and verify w/ Greg UST compliance issues have been resolved	Kevin Dana	11/9/10
Kevin	LUST Dbase updated with soil disposal, public notice, site status in comments <u>not</u> file status field and other applicable information by PM	Kevin Dana	11/9/10
Kevin	Draft NFA prepared by PM and submitted to NRS-4 Hydro or Manager for review	Kevin Dana	11/9/10
Chuck	Draft NFA approved by NRS-4 Hydro (or Manager, if necessary) and submitted for data entry	Chuck H	11/15/10
Lynne	Draft attached to file to Lynne for proofreading letter	↓	↓
Lynne	Verify staff completed cost recovery entry - LUST and green sheet updated with final invoice request date	Kevin Dana	11/17/10
Lynne	OPTIONAL STEP: Expedited payment request by responsible party (RP) is handled by =====>> LYNNE	↓	↓
Lynne	OPTIONAL STEP: Estimated Expedited Payment Amount given to RP by =====>> LYNNE	↓	↓
Kevin	Final invoice paid notice received from Business Office; PM informed by LK; verify SITE TYPE/STATUS is updated and correct	Kevin Dana	1/14/11
Kevin	Final NFA drafted and signed by PM (and Manager, if necessary) and send for data entry	Kevin Dana	1/19/11
Lynne	LUST updated with file closed information and file closure activities complete	LK	1/19/11
Lynne	Letter uploaded to LUST	LK	1/19/11
Paula DW	Copies made (including copy of NFA, EES, enclosures, attachments, if applicable, and release form for NFA binders) and mailed.	DAN	1/19/11

LUST NFA PROCEDURES 4/15/10

*check for more of file or out card

Leaking Underground Storage Tanks (LUST)

LUST Incident Reporting Form

[Contacts](#) [Assessment](#) [Comments](#)R = Required
Incident Information

R Site Type ☒ Heating Oil Tank ☐ Regulated UST ☐ Non Regulated UST ☐ Facility Id 1407
R Site Name Morse Bros. Inc. County ☒ Multnomah 08-JUL-2009
Street Nbr 1339 Quadrant NW Street Name Eastwood Type Avenue
Other Address R : Street Nbr and Street Name >> OR << Other Address.
R City Gresham R Zip Code 97030 Phone 541-968-1898

[Next](#)[Clear Screen](#)

Leaking Underground Storage Tanks (LUST)

LUST Incident Reporting Form

[Incident](#) [Assessment](#) [Comments](#)

Responsible Party

R = Required
Mail Contacts

R : First and Last Name >> OR << Organization.

First Name Mike Last Name House
Organization Morse Bros. Inc. R Address 32260 Old Hwy. 34
R City Tangent Address 2
R State Oregon R Zip Code 97389
R Phone 541-928-6491 E-Mail

Invoice Contact

☐ Copy Responsible Party Data

R : First and Last Name >> OR << Organization.

First Name Mike Last Name House
Organization Knife River R Address 32260 Old Hwy 34
R City Tangent Address 2
R State Oregon R Zip Code 97389
R Phone 541-928-6491 E-Mail

[Next](#)

Leaking Underground Storage Tanks (LUST)

LUST Incident Reporting Form

[Incident](#) [Contacts](#) [Comments](#)R = Required
Site Assessment

R Discover Date

07 JUL 2009
DD MON YYYY

R Confirmation

Lab: RP

R Discovery

Decommissioning

R Cause

Unknown

R Source

Piping

Contaminants

R : Select One Or More.

☐ Heating Oil☐ Unleaded Gasoline☐ Leaded Gasoline☐ Misc. Gasoline☒ Diesel (Motor Fuel)☐ Waste Oil☐ Lubricant☐ Solvent☐ Other Pet. Dist.☐ Chemical☐ MTBE☐ Unknown

Impacted Media

R : Select One Or More.

☐ Groundwater☐ Surface Water☐ Drinking Water☒ Soil☐ Vapor☐ Free Product[Next](#)

Leaking Underground Storage Tanks (LUST)

LUST Incident Reporting Form

[Incident](#) [Contacts](#) [Assessment](#)

Site Comments

Please Enter a Comment For the LUST Incident.

[Top](#)



State of Oregon
Department of
Environmental
Quality

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY UNDERGROUND STORAGE TANK PROGRAM

Cost Recovery Agreement



This document serves as an agreement between the undersigned (hereinafter "you") and the Department of Environmental Quality (DEQ) regarding DEQ review and oversight of the investigation and/or cleanup of petroleum (hazardous substances) at the property located at:

Facility Name: Knife River Gresham #2861
Address: 1339 NW EASTWOOD Ave.
GRESHAM, OR, 97030
USTC No.: 26-09-0606 *JK*

DEQ agrees to review environmental documents submitted by you or on your behalf regarding the investigation and/or cleanup of the above-referenced site. Additional details regarding DEQ oversight will be established upon review of the initial site data.

DEQ requires that persons requesting DEQ review and oversight of investigation and cleanup activities agree to the terms of this cost recovery agreement and pay project oversight costs.

DEQ project oversight costs will include direct costs and indirect costs. Direct costs include site-specific expenses and legal costs. Indirect costs are those general management and support costs of the DEQ, including the Land Quality Division (LQ), allocable to DEQ oversight of this agreement and not charged as direct, site-specific costs. Indirect charges are based on a percentage of direct personal services costs. Review and oversight costs shall not include any unreasonable costs or costs not otherwise recoverable by DEQ under ORS 465.255.

DEQ costs are due within thirty (30) days of issuance of the monthly statement, by a check made payable to the "Department of Environmental Quality". Nine percent interest shall be charged on past due accounts.

Electing not to enter into this agreement does not release you from any responsibility that you might have for any reporting requirements, investigation and/or cleanup of petroleum (hazardous substances) at the above referenced facility. This does not preclude the DEQ from conducting audits or inspections of all or portions of the investigation and cleanup activities associated with this facility. Enforcement action may be initiated if any violation of Oregon Administrative Rules (OARs) or Oregon Revised Statutes (ORSs) is found.

Either DEQ or you may terminate this agreement by giving 15 days advance written notice to the other. Only those costs incurred or obligated by DEQ prior to the effective date of any termination of the agreement shall be recoverable under this agreement. Termination of this agreement will not affect any other right DEQ may have for recovery of costs under any applicable law.

You will hold DEQ harmless for any claims (including but not limited to claims of property damage or personal injury) arising from DEQ review and/or oversight activities under this agreement.

This agreement is not and shall not be construed to be an admission by you of any liability under ORS 465.255 or any other law or as a waiver by you of any defense to such liability. This agreement is not and shall not be construed to be a waiver, release, or settlement of claims that DEQ may have against you or any other responsible person nor is this agreement a waiver of any enforcement authority that DEQ may have.

The DEQ Tanks Program will be responsible for the review and oversight of the investigation and cleanup activities associated with the property. Please refer all site-specific inquiries to the UST Regional Offices in Northwest Region – Portland, Western Region – Salem and Eugene and Eastern Region – The Dalles. For locations and phone numbers of the regional offices, please see the UST Regional Office list at <http://www.deq.state.or.us/about/locations.htm>

All inquiries regarding cost recovery and/or invoices should be directed to Dawn Ismerio at 503-229-5812.

If the terms of this agreement are acceptable, please have it executed by an authorized officer in the space provided below. In order to more effectively schedule your project, please return this agreement within 30 days of receipt to the regional office responsible for your site.

Accepted and agreed to this 25th day of June, 2010

By: [Signature]

Title: President

Please provide the following information as to where the invoices should be sent.

Individual Name: JEFF STEYAERT

Title: ENVIRONMENTAL MGR.

Company Name: Knife River

Mail Address: 32260 OLD Hwy 34

City, State, Zip: TANGENT, OR, 97389

Phone Number: (541) 928-6491

*
new
invoice
contact



Oregon

John A. Kitzhaber, MD, Governor

Department of Environmental Quality

Northwest Region Portland Office

2020 SW 4th Avenue, Suite 400

Portland, OR 97201-4987

(503) 229-5263

Fax: (503) 229-6945

TTY: (800) 736-2900

January 19, 2011

JEFF STEYAERT
KNIFE RIVER
32260 OLD HIGHWAY 34
TANGENT OR 97389-9770

Re: Morse Bros.
UST Cleanup File No. 26-09-0606
UST Facility ID No. 2861

Dear Mr. Steyaert:

The Department of Environmental Quality (DEQ) has completed its review of the information submitted to date concerning the underground storage tank (UST) decommissioning and cleanup conducted at 1339 NW Eastwood Avenue in Gresham, Oregon. DEQ has determined that the cleanup appears to have met the requirements of Oregon Administrative Rules (OAR) 340-122-0205 through 340-122-0360. 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:

July 2009 Decommissioning

1. Two 4,000-gallon diesel USTs were decommissioned by removal at this site on July 3, 2009. The tanks were shipped to Max Hendrix in Boring, Oregon for recycling as scrap. A total of 193.05 tons of petroleum-contaminated soil (PCS) were excavated from around the USTs and shipped to the Hillsboro Landfill for disposal.
2. On July 6, 2009, Construction and Environmental Services Company (CAESCO) collected six soil samples from the walls of the UST excavation pit, which extended 11-12 feet below ground surface (bgs). A seventh sample was collected from the PCS (which at the time was stockpiled at the site). All seven samples were analyzed for petroleum hydrocarbons using the NWTPH-HCID sampling method. Contamination consistent with diesel was detected in the stockpile sample and three of the six sidewall samples.
3. The four contaminated samples were further analyzed for diesel using the NWTPH-Dx sampling method. Diesel was detected in the stockpile sample at a concentration of 7,390 parts per million (ppm). Diesel was detected in two of the excavation sidewall samples at concentrations of 275 and 279 ppm. The remaining sample, from the east sidewall, showed diesel at 4,040 ppm.



4. On July 9, 2009, apparently after additional excavation, CAESCO collected a final confirmation soil sample from the east sidewall at a depth of 18 feet bgs. The sample was analyzed for diesel using the NWTPH-Dx sampling method. No diesel was detected, down to a detection limit of 25 ppm.
5. The reported results meet DEQ's Level II Soil Matrix cleanup standard, which requires no residual diesel contamination above 500 ppm and no impacts to groundwater. With the removal of the stockpiled PCS and further excavation of the east sidewall from 12 to 18 feet bgs, the highest concentration of diesel remaining at the site is 279 ppm. In addition, no groundwater was encountered in the excavation.
6. The residual diesel concentration would also meet DEQ's risk-based cleanup criteria, which require no contaminants to exceed specific Risk-Based Concentrations (RBCs) for complete pathways of exposure. The highest remaining diesel concentration at the site (279 ppm) falls well below the most stringent RBC of 3,200 ppm for diesel leaching to groundwater.
7. The soil samples were submitted to Wy'East Environmental Sciences, Inc. for analysis. During an inspection in August 2010, DEQ found that Wy'East varied the procedures specified by DEQ and Environmental Protection Agency (EPA) analytical methods. As a consequence, the contaminant concentrations reported by Wy'East may be less than the actual concentrations at the site. After reviewing the results, however, DEQ has determined that the Morse Bros. site at a minimum meets DEQ's risk-based cleanup criteria and likely meets DEQ's Level II Soil Matrix cleanup standard. The potential low bias of the sample results is likely not substantial enough for a reported result of 279 ppm diesel to actually exceed 500 ppm diesel, and is certainly not substantial enough to exceed 3,200 ppm diesel.

September 2010 Decommissioning

8. Two 5,000-gallon diesel USTs and one 4,000-gallon gasoline UST were decommissioned by removal from the site on September 28, 2010. About 400 gallons of emulsified fuels and wash waters were pumped from the USTs and shipped to Oil Re-Refining Company (ORRCO) in Portland for recycling and disposal. A total of 23.69 tons of PCS were also excavated from around the USTs and shipped to the Hillsboro Landfill on October 15 for disposal. Knife River retained control of the tanks.
9. As the USTs were removed, Environmental Science & Associates (ESA) collected soil samples from the common excavation pit. Samples were collected beneath each end of the two diesel USTs at depths of 12 feet bgs and analyzed for petroleum hydrocarbons by the NWTPH-HCID sampling method. No petroleum hydrocarbons were detected.

10. Additional soil samples were collected beneath each end of the gasoline UST (at 12 feet bgs) and beneath the fuel dispenser island (at 2½ feet bgs). The three samples were analyzed for petroleum hydrocarbons by the NWTPH-HCID sampling method. No petroleum hydrocarbons were detected.
11. The final two soil samples were collected from the northeast corner of the excavation pit, adjacent to one of the diesel USTs. The first sample was collected at a depth of three (3) feet bgs and was analyzed for petroleum hydrocarbons by the NWTPH-HCID sampling method. Contamination consistent with diesel was detected, and the sample was further analyzed for diesel by the NWTPH-Dx sampling method. The laboratory (Specialty Analytical) identified an "aged or degraded diesel" at a concentration of 2,080 ppm. The second of the two samples was collected at a depth of four (4) feet bgs, apparently after removal of the first sample, and was analyzed for petroleum hydrocarbons by the NWTPH-HCID sampling method. No petroleum hydrocarbons were detected.
12. The confirmation sample should also have been specifically analyzed for diesel by the NWTPH-Dx sampling method, as well as for diesel constituents such as polycyclic aromatic hydrocarbons (PAHs). However, the detection of 2,080 ppm diesel does not appear to be a significant concern. The concentration falls below the most stringent risk-based concentration of 3,200 ppm for leaching to groundwater, and the characterization of the diesel as "aged or degraded" makes it unlikely that significant concentrations of volatile or semi-volatile constituents were present in the sample. Consequently, DEQ has determined that no additional confirmation soil sampling is necessary at this site.

DEQ's determination that no further action is necessary will not be applicable if new or undisclosed facts show that the investigation and cleanup did not comply with the referenced rules. DEQ's determination also does not apply to any conditions at the site other than the release of the petroleum product specifically addressed in this letter.

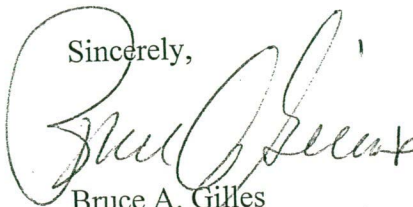
Please note that pursuant to OAR 340-122-0360(2), a copy of your decommissioning report from Environmental Science Associates (ESA) must be retained until ten (10) years after you transfer your property. We recommend that a copy of the report be kept with your permanent records.

DEQ appreciates your efforts to comply with the regulations and ensure that your property has been adequately cleaned up.

Morse Bros., File #26-09-0606
January 19, 2011
Page 4

If you have any questions, please feel free to contact Kevin Dana at (503) 229-5369.

Sincerely,



Bruce A. Gilles
UST Cleanup Manager

cc: Kay Thompson
CAESCO
PO Box 430
Fairview OR 97024

William J Messer
Petroleum Constructors
PO Box 325
Troutdale OR 97060

Loren Harwood
Environmental Science Assoc
1450 Flintridge Ave
Eugene OR 97401

(kpd:KPD)

DANA Kevin

From: KENT Lynne
Sent: Friday, January 14, 2011 2:29 PM
To: COOK Laurey; DANA Kevin
Subject: FW: NFA - projects closed

Importance: High

FYI ~

From: HUNTER Laurie
Sent: Friday, January 14, 2011 12:48 PM
To: ISMERIO Dawn
Cc: KENT Lynne; CLARK Liz
Subject: NFA - projects closed

FYI....

I am closing the following business office files and CRIS accounts.

Pitman Property (34-08-1192) L73575 (RP deceased, file closed with balance of \$752.42)
Morse Bros. (26-09-0606) T62281 (file closed with a zero balance)

Laurie



Oregon

Theodore R. Kulongoski, Governor

Department of Environmental Quality

Northwest Region Portland Office

2020 SW 4th Avenue, Suite 400

Portland, OR 97201-4987

(503) 229-5263

Fax: (503) 229-6945

TTY: (503) 229-5471

November 17, 2010

JEFF STEYAERT
KNIFE RIVER
32260 OLD HIGHWAY 34
TANGENT OR 97389-9770

Re: Morse Bros.
UST Cleanup File No. 26-09-0606
UST Facility ID No. 2861

Dear Mr. Steyaert:

The Department of Environmental Quality (DEQ) has received and reviewed decommissioning reports for five underground storage tanks (USTs) at the Morse Bros. site, located at 1339 NW Eastwood Avenue in Gresham, Oregon. Based on the reports and other file information, it appears the site has met the appropriate cleanup requirements for a No Further Action (NFA) letter.

You should see a final invoice for this project in approximately 45 days. Once the final invoice is paid, DEQ will send you the NFA letter.

If you have any questions, please feel free to contact me at (503) 229-5369.

Sincerely,

Kevin Dana

Kevin Dana
UST Cleanup Specialist

cc: Kay Thompson
CAESCO
PO Box 430
Fairview OR 97024

William J Messer
Petroleum Constructors
PO Box 325
Troutdale OR 97060

Loren Harwood
Environmental Science Assoc
1450 Flintridge Ave
Eugene OR 97401

(kpd:KPD)



DANA Kevin

From: ISMERIO Dawn
Sent: Tuesday, November 02, 2010 10:49 AM
To: DANA Kevin; HUNTER Laurie
Subject: RE: LUST 26-09-0606 has been Reopened

Just take the final invoice request date out of the system, I have not done the Oct closures yet, so it is still active in Q-time.

Dawn

From: DANA Kevin
Sent: Tuesday, November 02, 2010 10:41 AM
To: HUNTER Laurie; ISMERIO Dawn
Cc: DANA Kevin
Subject: LUST 26-09-0606 has been Reopened

Just a quick note to let you know that the Morse Bros. LUST site (26-09-0606, Q-Time #41159) has been reopened.

It had a Final Invoice Request date of October 11, but I just found out they decommissioned three more tanks, so I need to keep this project open a little longer.

Hopefully this isn't a problem since the final invoice hadn't gone out yet, but let me know if there is anything else you may need.

Thanks! Kevin



State of Oregon
Department of
Environmental
Quality

ENVIRONMENTAL
RECEIVED

NORTHWEST REGION

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY UNDERGROUND STORAGE TANK PROGRAM

UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST AND SITE ASSESSMENT REPORT

A. FACILITY INFORMATION:

This report **MUST** be submitted by the underground storage tank permittee or tank owner, or the licensed DEQ Service Provider on their behalf, **within 30 days following completion of the tank decommissioning or change-in-service regardless of ongoing cleanup work.**

DEQ FACILITY NUMBER: ID 2861

FACILITY NAME: Knife River

FACILITY ADDRESS: 1339 NW Eastwood Avenue

PERMITTEE PHONE: (541) 928-6491

DATE: 10/25/10

B. WORK PERFORMED BY:

The checklist and site assessment report should be completed and signed by the DEQ licensed supervisor and signed by an executive officer of the DEQ licensed Service Provider on page 6. The tank owner or permittee must review and sign the report on page 6. **NOTE: AN OWNER OR PERMITTEE MAY PERFORM UST SERVICES ONLY IF THEY HAVE TAKEN AND PASSED THE APPROPRIATE UST SUPERVISOR EXAMINATION OFFERED BY A NATIONAL TESTING SERVICE (SEE OAR 340-150-0156 for requirements).**

DEQ Service Provider's License #: 15310 Construction Contractors Board License #: 125813

Name: Debbie Petree Construction

Telephone: (541) 688-5336

DEQ Decommissioning Supervisor's License #: 25533

Name: Loren Harwood

Telephone: (541) 688-5336

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

Name: _____

Telephone: _____

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

Name: _____

Telephone: _____

C. DATES:Decommissioning/Change-in-Service Notice - Date Submitted: 9/3/10 (30 days before work starts).Work Start Telephone Notice - Number issued by DEQ: 9/23/10 (3 working days before work starts).DEQ Person Notified: Kevin Dana (Phone message)Date Work Started: 9/28/10 Date Work Completed: 9/28/10

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

Date Contamination Reported: 9/27/10 By: Loren HarwoodDEQ Person Notified: Bob McCoy**D. OTHER DEQ PERMITS MAY BE NEEDED WHERE SOIL OR WATER CLEANUP IS REQUIRED.**

DEQ Water Discharge Permit #: _____ Date: _____

Water Disposed to (Location): _____

DEQ Solid Waste Disposal Permit #: _____ Date: _____

Soil Disposal or Treatment Location: Hillsboro Landfill; Permit #107310OR**E. TANK INFORMATION:**

TANK ID #	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRODUCT: GASOLINE, DIESEL, USED OIL, OTHER?		CLOSURE OR CHANGE-IN- SERVICE?			TANK TO BE REPLACED?	
			PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE♦	CHANGE IN SERVICE♦	YES	NO
A	BCHCB	4000	Gasoline		☒	☐	☐	☐	☒
B1	BCHCC	5000	Diesel		☒	☐	☐	☐	☒
B2	BCHCG	5000	Diesel		☒	☐	☐	☐	☒
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐

NOTE 1: Where decommissioned tank(s) are replaced by new underground storage tanks the UST permittee must submit a *General Permit Registration Form to Install and Operate USTs* containing information on the new tanks 30 days before installing them.

NOTE 2: 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.

F. DISPOSAL INFORMATION:

TANK ID #	TANK AND PIPING DISPOSAL METHOD				DISPOSAL LOCATION OF TANK CONTENTS	
	SCRAP	LAND-FILL	OTHER	IDENTIFY LOCATION & PROPERTY OWNER	LIQUIDS	SLUDGES
A	☐	☐	☒	Knife River -Gresham	ORRCO	NA
B1	☐	☐	☒	Knife River - Gresham	ORRCO	NA
B2	☐	☐	☒	Knife River - Gresham	ORRCO	NA
	☐	☐	☐			
	☐	☐	☐			

NOTE 1: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ regional office for your area.

NOTE 2: Attach copies of the disposal receipts for the tanks and piping. If the tanks are shipped off-site for reuse provide the name, address and phone number of the person or business receiving the tanks for reuse.

NOTE 3: Attach copies of the disposal receipts for the disposal or treatment of liquid or sludge removed from the tanks

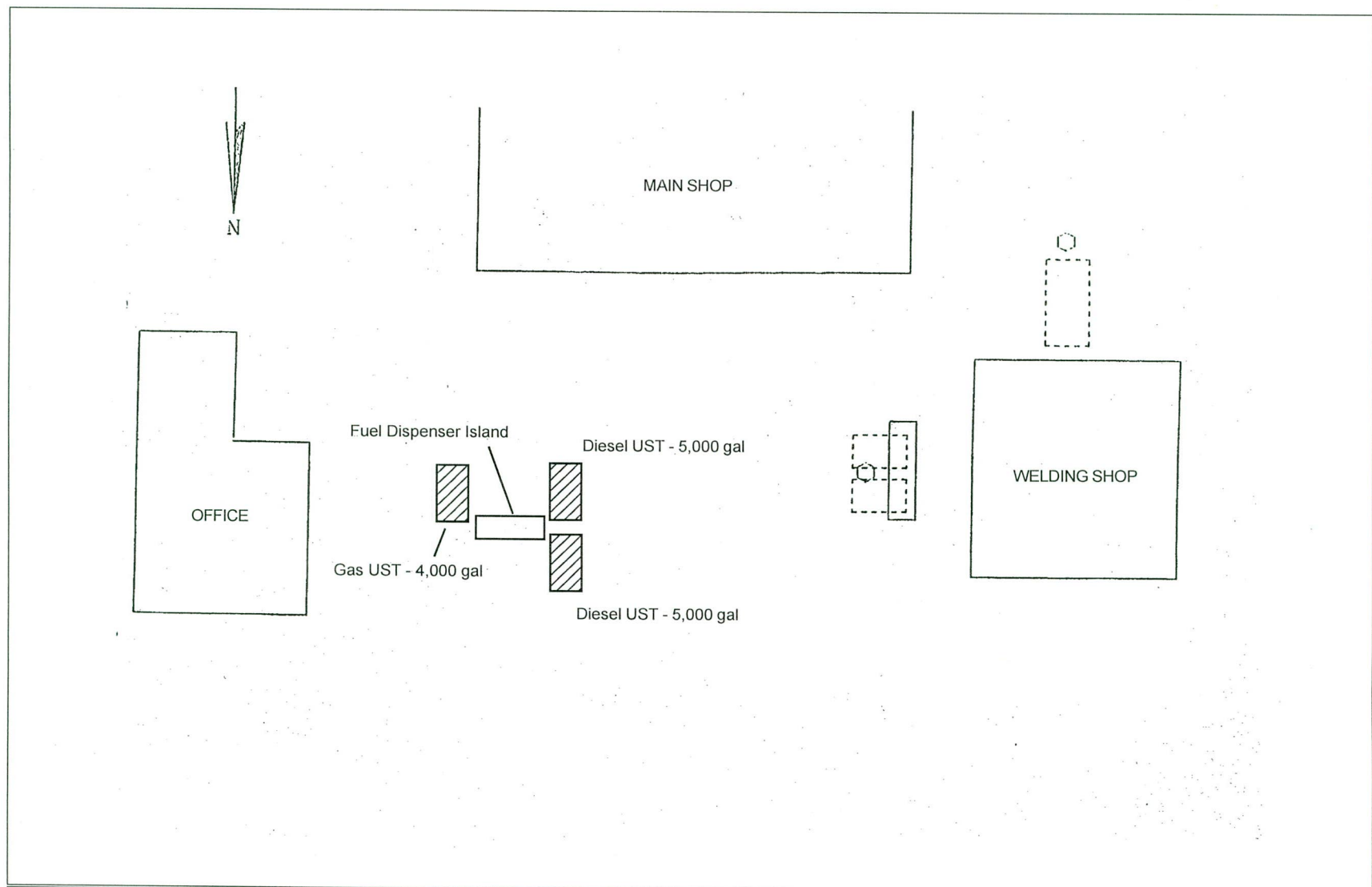
G. CONTAMINATION INFORMATION:

TANK ID #	GROUND WATER IN PIT ?	PRODUCT ODOR IN SOIL ?	PRODUCT STAINS IN SOIL ?	NUMBER OF SAMPLES	LABORATORY (NAME, CITY, STATE, PHONE)
A	☐	☐	☐	2	Specialty Analytical Laboratories
B1	☐	☒	☐	4	Phone (877) 612-9007
B2	☐	☐	☐	2	
	☐	☐	☐		
	☐	☐	☐		

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

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

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



Knife River - Gresham Location
1339 NW Eastwood Avenue
Gresham, Oregon 97050

**Locations of Decommissioned
Underground Storage Tanks**

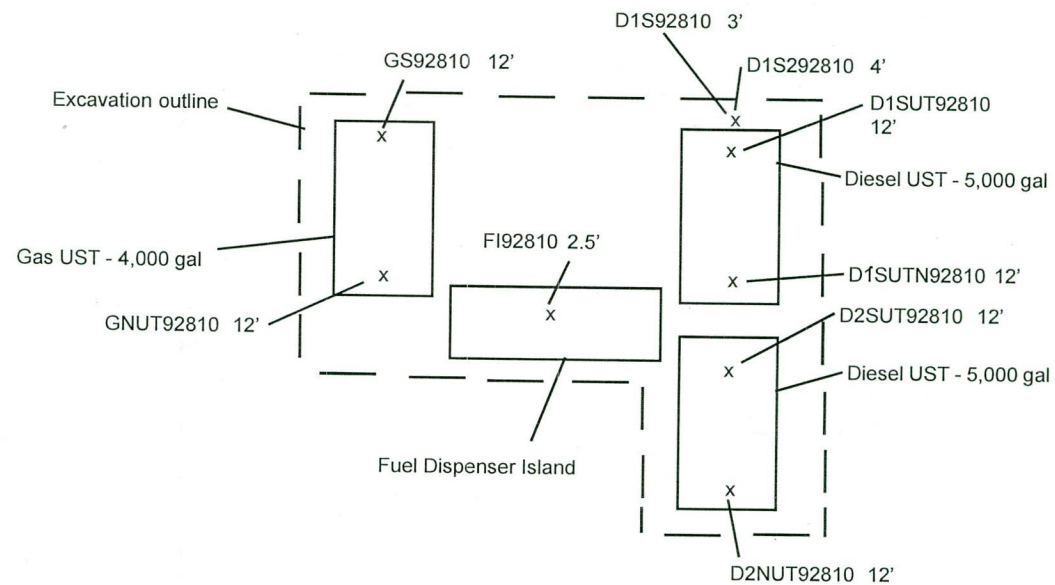
FIGURE 1

Source: ESA

Figure not to scale

Environmental Science Associates, Inc.

09/03/10



Knife River - Gresham Location 1339 NW Eastwood Avenue Gresham, Oregon 97050				FIGURE 2
Source: ESA	Figure not to scale	Environmental Science Associates, Inc.	10/25/10	

I. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher:	Type/Size: <u>Model 3 Type 10 15lb BC</u>	Recharge Date: <u>7/1/10</u>
Combustible Gas Detector:	Model: <u>Mini-Rae</u>	Calibration Date: <u>9/27/10</u>
Oxygen Analyzer:	Model: <u>Mini-Rae</u>	Calibration Date: <u>9/27/10</u>

J. DECOMMISSIONING:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
1. All electrical equipment grounded and explosion proof?	☒	☐	☐	☐
2. Safety equipment on job site?	☒	☐	☐	☐
3. Overhead electrical lines located?	☒	☐	☐	☐
4. Subsurface electrical lines off or disconnected?	☒	☐	☐	☐
5. Natural gas lines off or disconnected?	☐	☐	☐	☒
6. No open fires or smoking material in area?	☒	☐	☐	☐
7. Vehicle and pedestrian traffic controlled?	☒	☐	☐	☐
8. Excavation material area cleared?	☒	☐	☐	☐
9. Rainwater runoff directed to treatment area?	☐	☐	☐	☒
10. Drained and collected product from lines?	☒	☐	☐	☐
11. Removed product and residual from tank?	☒	☐	☐	☐
12. Cleaned tank?	☒	☐	☐	☐
13. Excavated to top of tank?	☒	☐	☐	☐
14. Removed tank fixtures? (pumps, leak detection equipment)	☒	☐	☐	☐
15. Removed product, fill and vent lines?	☒	☐	☐	☐

K. TANK ABANDONMENT IN-PLACE:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
16. Sampling plan approved by DEQ? Date: _____ DEQ Staff: _____	☐	☐	☐	☒
17. Contamination concerns fully resolved?	☐	☐	☐	☒
18. Fill Material? Type: _____	☐	☐	☐	☒

L. TANK REMOVAL:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
19. Tank placement area cleared, chocks placed?	☒	☐	☐	☐
20. Purged or ventilated tank to prevent explosion? Method used: <u>CO2 gas</u> Meter reading: <u>1% LEL; 2% LEL</u>	☒	☐	☐	☐
21. Were chains or steel cables wrapped around tank for removal?	☒	☐	☐	☐
22. Tank removed, set on ground, blocked to prevent movement?	☒	☐	☐	☐
23. Tank set on truck and secured with straps(s)?	☐	☐	☐	☒
24. Tank labeled before leaving site?	☐	☐	☐	☒

M. SITE ASSESSMENT:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
25. Site assessed for contamination? See OAR 340-122-0340	☒	☐	☐	☐
26. Soil samples taken and analyzed?	☒	☐	☐	☐
27. Was contamination found? Date/Time: <u>10/01/10 4:53PM</u>	☒	☐	☐	☐
28. Was hazardous waste determination made for tank contents (Liquids/sludges)?	☐	☐	☐	☒

N. REQUIRED SIGNATURES:

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Permittee or Tank Owner: Jeff Steyaert
(Please Print)

Permittee or Tank Owner: *Jeff Steyaert for Knife River* Date: 10/27/2010
(Signature)

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Licensed Supervisor: Loren Harwood
(Please Print)

Licensed Supervisor: *Loren Harwood for Loren Harwood* Date: 10-25-10
(Signature)

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Executive Officer: Debbie Petree
(Please Print)

Executive Officer: *Debbie Petree for Debbie Petree* Date: 10-25-10
(Signature)

O. REPORT FILING:

This report signed by the permittee or tank owner, licensed supervisor and executive officer of the Service Provider, complete with all applicable attachments, must be filed with the DEQ regional office within 30 days after the excavation is backfilled or change-in-service is complete. **Do not wait until any site related cleanup project is completed.** Contact the DEQ regional office prior to filing this report where special circumstances exist at the site (such as water in pit, remaining pockets of contamination, etc.).

P. HELP WITH THIS REPORT:

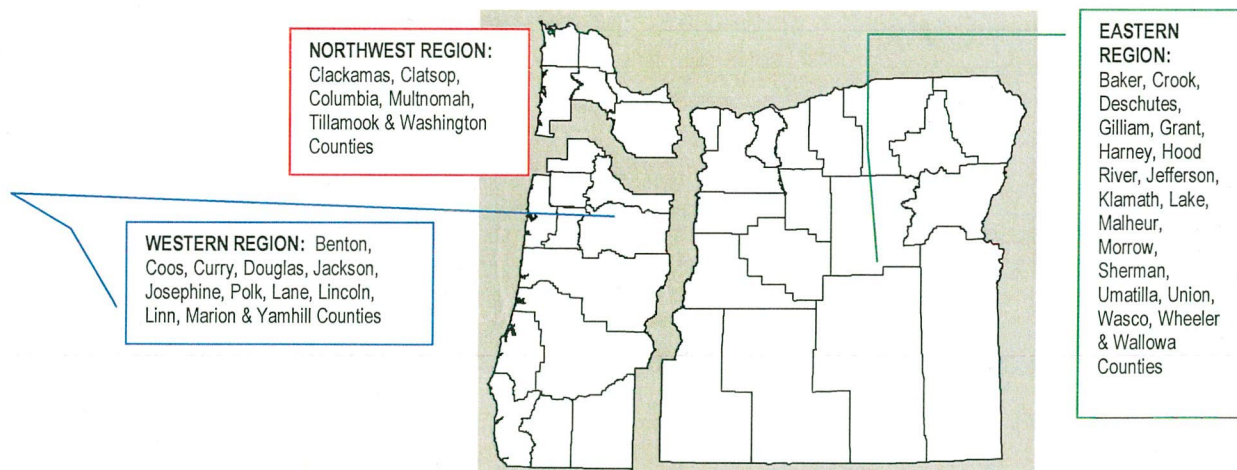
If you have any questions about this decommissioning checklist and site assessment report, please phone your DEQ Regional Office. You can also phone the UST Program's toll-free number, 1-800-742-7878. This is a message answering machine for calls made within Oregon. Underground Storage Tank Program staff will return your calls within 24 hours. You can also send an e-mail to tanks.info@deq.state.or.us. Our regional staff are also available to answer questions regarding tank decommissioning or change-in-service requirements (see below for telephone numbers).

Q. COPIES OF THE GENERAL PERMIT TO DECOMMISSION OR COMPLETE A CHANGE-IN-SERVICE:

Obtain copies of the general permit to decommission or complete a change-in-service conditions and requirements, UST Program rules and laws and UST Cleanup rules and laws at:

1. Any of the DEQ offices listed below,
2. By calling the UST HELPLINE at 1-800-742-7878,
3. Send an e-mail to tanks.info@deq.state.or.us or
4. Downloading from the UST home page at:

<http://www.deq.state.or.us/lq/tanks/ust/index.htm>



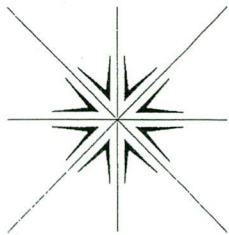
EASTERN REGION / THE DALLES
400 E. Scenic Drive, Building 2 - 307
The Dalles, OR 97058
Phone: 541-298-7255
Fax: 541-298-7330

NORTHWEST REGION
2020 SW 4th Avenue, Suite 400
Portland, OR 97201-5884
Phone: 503-229-5263
Fax: 503-229-6945

WESTERN REGION / COOS BAY
381 N SECOND STREET
COOS BAY 97420
Phone: 541-269-2721
Fax: 541-269-7984

WESTERN REGION / EUGENE
165 E. 7th Avenue, Suite 100
Eugene, OR 97401
Phone: 541-686-7838
Fax: 541-686-7551

WESTERN REGION / SALEM
750 Front Street NE, Suite 120
Salem, OR 97301-1039
Phone: 503-378-8240
Fax: 503-373-7944



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

October 01, 2010

Steve LaFranchi
Environmental Science & Assoc.
1450 Flintridge Avenue
Eugene, OR 97401
TEL: (541) 683-4997
FAX: (541) 683-5360

RE: KRG

Dear Steve LaFranchi:

Order No.: 1009183

Specialty Analytical received 9 samples on 9/28/2010 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,


Cindy Hillyard
Project Manager


Technical Review

Specialty Analytical

Date: 01-Oct-10

CLIENT: Environmental Science & Assoc.
Project: KRG**Lab Order:** 1009183**Lab ID:** 1009183-01**Collection Date:** 9/28/2010 8:15:00 AM**Client Sample ID:** D1S92810**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NWTPH-HCID		NWHCID				Analyst: jrp
Gasoline	ND	21.7	A3	mg/Kg-dry	1	9/29/2010
Mineral Spirits	ND	21.7		mg/Kg-dry	1	9/29/2010
Kerosene	ND	54.3		mg/Kg-dry	1	9/29/2010
Diesel	Diesel	54.3		mg/Kg-dry	1	9/29/2010
Lube Oil	ND	109		mg/Kg-dry	1	9/29/2010
Surr: BFB	91.4	50-150		%REC	1	9/29/2010
Surr: o-Terphenyl	159	50-150	S,MI	%REC	1	9/29/2010
NWTPH-DX		NWTPH-DX				Analyst: jrp
Diesel	2080	16.3	A4	mg/Kg-dry	1	10/1/2010
Lube Oil	ND	54.3	A3	mg/Kg-dry	1	10/1/2010
Surr: o-Terphenyl	214	50-150	S,MI	%REC	1	10/1/2010

Lab ID: 1009183-02**Collection Date:** 9/28/2010 9:36:00 AM**Client Sample ID:** D1S292810**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NWTPH-HCID		NWHCID				Analyst: jrp
Gasoline	ND	21.3		mg/Kg-dry	1	9/29/2010
Mineral Spirits	ND	21.3		mg/Kg-dry	1	9/29/2010
Kerosene	ND	53.2		mg/Kg-dry	1	9/29/2010
Diesel	ND	53.2		mg/Kg-dry	1	9/29/2010
Lube Oil	ND	106		mg/Kg-dry	1	9/29/2010
Surr: BFB	105	50-150		%REC	1	9/29/2010
Surr: o-Terphenyl	96.0	50-150		%REC	1	9/29/2010

Specialty Analytical

Date: 01-Oct-10

CLIENT: Environmental Science & Assoc.
Project: KRG

Lab Order: 1009183

Lab ID: 1009183-03
Client Sample ID: D1SUT92810

Collection Date: 9/28/2010 10:10:00 AM

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NWTPH-HCID		NWHCID				Analyst: jrp
Gasoline	ND	22.2		mg/Kg-dry	1	9/29/2010
Mineral Spirits	ND	22.2		mg/Kg-dry	1	9/29/2010
Kerosene	ND	55.5		mg/Kg-dry	1	9/29/2010
Diesel	ND	55.5		mg/Kg-dry	1	9/29/2010
Lube Oil	ND	111		mg/Kg-dry	1	9/29/2010
Surr: BFB	74.2	50-150		%REC	1	9/29/2010
Surr: o-Terphenyl	95.5	50-150		%REC	1	9/29/2010

Lab ID: 1009183-04
Client Sample ID: D2SUT92810

Collection Date: 9/28/2010 10:45:00 AM

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NWTPH-HCID		NWHCID				Analyst: jrp
Gasoline	ND	23.1		mg/Kg-dry	1	9/29/2010
Mineral Spirits	ND	23.1		mg/Kg-dry	1	9/29/2010
Kerosene	ND	57.7		mg/Kg-dry	1	9/29/2010
Diesel	ND	57.7		mg/Kg-dry	1	9/29/2010
Lube Oil	ND	115		mg/Kg-dry	1	9/29/2010
Surr: BFB	90.8	50-150		%REC	1	9/29/2010
Surr: o-Terphenyl	82.5	50-150		%REC	1	9/29/2010

Lab ID: 1009183-05
Client Sample ID: D1SUTN92810

Collection Date: 9/28/2010 11:00:00 AM

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NWTPH-HCID		NWHCID				Analyst: jrp
Gasoline	ND	22.7		mg/Kg-dry	1	9/29/2010
Mineral Spirits	ND	22.7		mg/Kg-dry	1	9/29/2010
Kerosene	ND	56.8		mg/Kg-dry	1	9/29/2010
Diesel	ND	56.8		mg/Kg-dry	1	9/29/2010
Lube Oil	ND	114		mg/Kg-dry	1	9/29/2010
Surr: BFB	71.0	50-150		%REC	1	9/29/2010
Surr: o-Terphenyl	96.3	50-150		%REC	1	9/29/2010

Specialty Analytical

Date: 01-Oct-10

CLIENT: Environmental Science & Assoc.
Project: KRG**Lab Order:** 1009183**Lab ID:** 1009183-06
Client Sample ID: D2NUT92810**Collection Date:** 9/28/2010 11:40:00 AM**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NWTPH-HCID						Analyst: jrp
Gasoline	ND	22.3		mg/Kg-dry	1	9/29/2010
Mineral Spirits	ND	22.3		mg/Kg-dry	1	9/29/2010
Kerosene	ND	55.9		mg/Kg-dry	1	9/29/2010
Diesel	ND	55.9		mg/Kg-dry	1	9/29/2010
Lube Oil	ND	112		mg/Kg-dry	1	9/29/2010
Surr: BFB	75.6	50-150		%REC	1	9/29/2010
Surr: o-Terphenyl	92.3	50-150		%REC	1	9/29/2010

Lab ID: 1009183-07
Client Sample ID: GS92810**Collection Date:** 9/28/2010 12:50:00 PM**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NWTPH-HCID						Analyst: jrp
Gasoline	ND	22.6		mg/Kg-dry	1	9/29/2010
Mineral Spirits	ND	22.6		mg/Kg-dry	1	9/29/2010
Kerosene	ND	56.4		mg/Kg-dry	1	9/29/2010
Diesel	ND	56.4		mg/Kg-dry	1	9/29/2010
Lube Oil	ND	113		mg/Kg-dry	1	9/29/2010
Surr: BFB	70.0	50-150		%REC	1	9/29/2010
Surr: o-Terphenyl	91.5	50-150		%REC	1	9/29/2010

Lab ID: 1009183-08
Client Sample ID: GN92810**Collection Date:** 9/28/2010 1:10:00 PM**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NWTPH-HCID						Analyst: jrp
Gasoline	ND	23.1		mg/Kg-dry	1	9/29/2010
Mineral Spirits	ND	23.1		mg/Kg-dry	1	9/29/2010
Kerosene	ND	57.7		mg/Kg-dry	1	9/29/2010
Diesel	ND	57.7		mg/Kg-dry	1	9/29/2010
Lube Oil	ND	115		mg/Kg-dry	1	9/29/2010
Surr: BFB	67.7	50-150		%REC	1	9/29/2010
Surr: o-Terphenyl	94.5	50-150		%REC	1	9/29/2010

Specialty Analytical

Date: 01-Oct-10

CLIENT: Environmental Science & Assoc.
Project: KRG

Lab Order: 1009183

Lab ID: 1009183-09

Collection Date: 9/28/2010 1:45:00 PM

Client Sample ID: FI92810

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NWTPH-HCID						Analyst: jrp
Gasoline	ND	25.9		mg/Kg-dry	1	9/29/2010
Mineral Spirits	ND	25.9		mg/Kg-dry	1	9/29/2010
Kerosene	ND	64.8		mg/Kg-dry	1	9/29/2010
Diesel	ND	64.8		mg/Kg-dry	1	9/29/2010
Lube Oil	ND	130		mg/Kg-dry	1	9/29/2010
Surr: BFB	77.9	50-150		%REC	1	9/29/2010
Surr: o-Terphenyl	89.8	50-150		%REC	1	9/29/2010

CLIENT: Environmental Science & Assoc.
 Work Order: 1009183
 Project: KRG

ANALYTICAL QC SUMMARY REPORT

TestCode: HCID_NW

Sample ID: MB-26664	SampType: MBLK	TestCode: HCID_NW	Units: mg/Kg	Prep Date: 9/29/2010	Run ID: GC-M_100929A						
Client ID: ZZZZZ	Batch ID: 26664	TestNo: NWHCID		Analysis Date: 9/29/2010	SeqNo: 699933						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	2.49	20.0									J
Mineral Spirits	ND	20.0									
Kerosene	ND	50.0									
Diesel	ND	50.0									
Lube Oil	ND	100									
Surr: BFB	98.98	0	100	0	99	50	150	0	0		
Surr: o-Terphenyl	100.7	0	100	0	101	50	150	0	0		

Sample ID: 1009183-01ADUP	SampType: DUP	TestCode: HCID_NW	Units: mg/Kg-dry	Prep Date: 9/29/2010	Run ID: GC-M_100929A						
Client ID: D1S92810	Batch ID: 26664	TestNo: NWHCID		Analysis Date: 9/29/2010	SeqNo: 699935						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	21.7	0	0	0	0	0	0	0	20	A3
Mineral Spirits	ND	21.7	0	0	0	0	0	0	0	20	
Kerosene	ND	54.3	0	0	0	0	0	0	0	20	
Diesel	1962	54.3	0	0	0	0	0	1161	51.3	20	
Lube Oil	99.57	109	0	0	0	0	0	61.41	0	20	J

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Environmental Science & Assoc.
 Work Order: 1009183
 Project: KRG

ANALYTICAL QC SUMMARY REPORT

TestCode: NWTPHDX_S

Sample ID: MB-26686	SampType: MBLK	TestCode: NWTPHDX_S	Units: mg/Kg	Prep Date: 9/30/2010	Run ID: GC-M_101001A						
Client ID: ZZZZZ	Batch ID: 26686	TestNo: NWTPH-Dx		Analysis Date: 10/1/2010	SeqNo: 700507						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	15.0									
Lube Oil	10.95	50.0									J
Surr: o-Terphenyl	35.98	0	33.33	0	108	50	150	0	0		

Sample ID: LCS-26686	SampType: LCS	TestCode: NWTPHDX_S	Units: mg/Kg	Prep Date: 9/30/2010	Run ID: GC-M_101001A						
Client ID: ZZZZZ	Batch ID: 26686	TestNo: NWTPH-Dx		Analysis Date: 10/1/2010	SeqNo: 700508						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	190.1	15.0	166.6	0	114	76.3	125	0	0		
Lube Oil	175.1	50.0	166.6	0	105	69.9	127	0	0		

Sample ID: 1009188-01ADUP	SampType: DUP	TestCode: NWTPHDX_S	Units: mg/Kg-dry	Prep Date: 9/30/2010	Run ID: GC-M_101001A						
Client ID: ZZZZZ	Batch ID: 26686	TestNo: NWTPH-Dx		Analysis Date: 10/1/2010	SeqNo: 700511						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	19.7	0	0	0	0	0	0	0	20	
Lube Oil	16.82	65.6	0	0	0	0	0	21.87	0	20	J

Sample ID: CCV	SampType: CCV	TestCode: NWTPHDX_S	Units: mg/Kg	Prep Date:	Run ID: GC-M_101001A						
Client ID: ZZZZZ	Batch ID: 26686	TestNo: NWTPH-Dx		Analysis Date: 10/1/2010	SeqNo: 700506						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	1160	15.0	1019	0	114	85	115	0	0		
Lube Oil	490.5	50.0	514.9	0	95.3	85	115	0	0		

Sample ID: CCV	SampType: CCV	TestCode: NWTPHDX_S	Units: mg/Kg	Prep Date:	Run ID: GC-M_101001A						
Client ID: ZZZZZ	Batch ID: 26686	TestNo: NWTPH-Dx		Analysis Date: 10/1/2010	SeqNo: 700512						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	1168	15.0	1019	0	115	85	115	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Environmental Science & Assoc.
Work Order: 1009183
Project: KRG

ANALYTICAL QC SUMMARY REPORT

TestCode: NWTPHDX_S

Sample ID: CCV		SampType: CCV		TestCode: NWTPHDX_S		Units: mg/Kg		Prep Date:		Run ID: GC-M_101001A		
Client ID: ZZZZZ		Batch ID: 26686		TestNo: NWTPH-Dx				Analysis Date: 10/1/2010		SeqNo: 700512		
Analyte		Result	.PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lube Oil		500	50.0	514.9	0	97.1	85	115	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

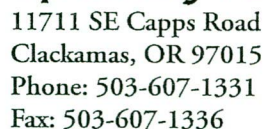
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.



Page 1 of 1

Page 1 of 1

Contact Person/Project Manager Steve LaFranchi

Company ESA

Address 1450 Flintridge Ave
Eugene, OR 97401

Phone (541) 683-4997 Fax _____

Project No. _____ Project Name KRG

Project Site Location OR ☒ WA _____ Other _____

Invoice To ESA P.O. No. _____

Printed_

Rush Analyses Must Be Scheduled With The Lab In Advance

Pink-Customer Copy

CONTAINS HAZARDOUS MATERIALS

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in
Carbon, and retained by the Agent

Shipper's No. _____

(Carrier) **WEST COAST MARINE CLEANING, INC.**

SCAC. _____

Carrier's No. **490704**

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date _____ from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

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

TO: OIL RE-REFINING, INC.
Consignee 4150 N. SUTTLE ROAD
Street PORTLAND, OR. 97217
Destination Zip _____

FROM: KNIFE RIVER
Shipper 1339 NW EASTWOOD AVE
Street GRESHAM, OR. 97030
Origin Zip _____

Route: **I-205 / I-5 / local city**Delivering Carrier **WCMCINC**Trailer Initial/
NumberU.S. DOT Hazmat
Reg. Number

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
1	X	UN1993, COMBUSTIBLE LIQUIDS, N.O.S., (Fuel & water) 3, III	3	1993	T T	400	G	N/A	
		ERG# 128							

Remit C.O.D. to:

Address: **N/A**

City: _____ State: _____ Zip: _____

COD

AMT: _____

\$

Charges Advanced

\$

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE:Prepaid ☐Collect ☐ \$**FREIGHT CHARGES**☐ Prepaid ☐ Collect

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight". Note - where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per

*Jeff Steyaert***PLACARDS REQUIRED****YES****PLACARDS SUPPLIED**☐ YES☒ **NO - FURNISHED BY CARRIER**DRIVER'S SIGNATURE: *39*SHIPPER: **KNIFE RIVER**PER: **JEFF STEYAERT**DATE: **9/27/2010**CARRIER: **WEST COAST MARINE CLEANING, INC.**PER: **Dispatch**DATE: **9/27/2010****EMERGENCY RESPONSE****TELEPHONE NUMBER:** **(877) 926-2462**

Permanent post office address of shipper

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

CONTAINS HAZARDOUS MATERIALS

GENERATOR ↓ INT'L ↓ TRANSPORTER ↓ DESIGNATED FACILITY ↓	NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 001	3. Emergency Response Phone	4. Waste Tracking Number ORV-22228	
	5. Generator's Name and Mailing Address knife river 32860 old hwy 34 tangent, OR 97389 Generator's Phone: 541-928-6491			Generator's Site Address (if different than mailing address)		
	6. Transporter 1 Company Name WEST COAST MARINE CLEANING, INC			U.S. EPA ID Number WAD988479440		
	7. Transporter 2 Company Name			U.S. EPA ID Number		
	8. Designated Facility Name and Site Address			U.S. EPA ID Number		
Facility's Phone:						
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.	
		No.	Type			
1. WASH WATER		001	11	400	G	
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information MATERIAL REMOVED FROM KNIFE RIVER JOB SITE GRESHAM, OR						
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Offor's Printed/Typed Name			Signature	Month	Day	Year
Mia H. Lee			[Signature]	10	1	10
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name			Signature	Month	Day	Year
STAN TRISK			[Signature]	10	1	10
Transporter 2 Printed/Typed Name			Signature	Month	Day	Year
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Manifest Reference Number: _____						
17b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator)				Month	Day	Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name			Signature	Month	Day	Year



Head Office
4150 N. Suttle Rd.
Portland, OR 97217
1-800-367-8894

RECEIVING RECORD

R 01-10-1001-003

Received From:

West Coast Marine
3501 Thompson Ave
Vancouver WA 98660

EPA#

Phone: 503-285-2485

Customer ID# 7662

Driver: Gorge

Receiving Location: Plant #**FPI**

4150 N. Suttle Road
Portland, OR 97217

Phone 503-286-8352

EPA# ORD980975692

Date	Terms	Written By	Sales Rep.	Page
10/01/10	-0-	Jim	0	1 of 1

Line	Qty.	Unit	Item	%H2O	Manifest #	B/L#	Net Qty
------	------	------	------	------	------------	------	---------

1	1	Each	Hydro Clor-D-Test Kit				
			Generator ID# 0				See Comments

Total Each 1.

2	400	Gal.	Emulsified Fuel	90 %			
			Generator ID# 0				See Comments
			Knife River. job#22228.				

Total Gal. 400.

Customer warrants that the waste petroleum products being received do not contain any contaminants including, without limitation, pesticides, chlorinated solvents at total concentrations greater than 1000 PPM, PCB's greater than 2 PPM, 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 other state or local hazardous waste classification program. Should Laboratory tests find this product not in compliance with 40 CFR part 261 customer agrees to pay all disposal costs incurred.

Signed X _____ DATE: 10/01/10

Hillsboro Landfill, Inc.

3205 SE MINTER BRIDGE ROAD HILLSBORO, OR 97123

PERMIT # 107310OR

Tracking Number 14520

PERMIT TO DISPOSE OF NON-HAZARDOUS MATERIALS

This permit authorizes disposal of Customer's waste materials in accordance with the Industrial Waste & Disposal Services Agreement dated _____

EXPIRES: 1/13/2011**GENERATOR: KNIFE RIVER GRESHAM**

DESCRIPTION: PCS - DIESEL	TONS: 25
☐ SPECIAL WASTE ☒ CS ☐ C&D ☐ CLEAN-UP	
LOCATION: GRESHAM, OREGON 1339 NW EASTWOOD AVENUE	COUNTY: Multnomah
CONTACT: JEFF STEYAERT	PHONE: 541-928-6491 FAX: 541-928-6494

BILLING: Landfill account KNIFE RIVER	PO#: N/A	JOB#: N/A
We accept business checks, cash, VISA / Mastercard or charge (with prior approval)		

SPECIAL HANDLING : NONE:	
MK	TyT

APPROVED: 	KRISTIN CASTNER	DATE: 10/13/10 11:18:33 AM
---	-----------------	----------------------------

A COPY OF THIS PERMIT MUST BE SHOWN BY EACH DRIVER

THERE IS A MINIMUM CHARGE OF \$50-\$60 FOR EACH LOAD OF SPECIAL WASTE

**WASTE MANAGEMENT****HAZARDOUS WASTE IS STRICTLY PROHIBITED**



Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503) 640-9427

Original
Ticket# 1249511

Customer Name KNIFE RIVER Knife River

Ticket Date 10/15/2010

Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Waste Code

Manifest na

Destination

PO 1073100R

Profile 1073100R (PCS - DIESEL)

Generator OR-KNIFE RIVER GRESHAM KNIFE RIVER GRESHAM

Carrier CLT TRUCKING CUMM TRUCKS

Vehicles# 2 Value

Container

Driver John

Check#

Billing # 0002572

Gen EPA ID N/A

Grid

	Time	Scale	Operator	Inbound	Gross	
In	10/15/2010 14:02:56	Inbound_1	sds		Tare	87860 lb*
Out	10/15/2010 14:20:29	Outbound	sds		Net	40480 lb
			* Manual Weight		Tons	47380 lb
						23.69

Comments

Consumer Comments? We want to know. Please call.

Product	LD#	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-100		23.69	Tons	27.00		\$639.63	MULT-IN

Total Tax
Total Ticket \$639.63

Driver's Signature

DANA Kevin

From: Oregon DEQ - Do not reply [DEQSQL1\PROD] [OregonDEQ@deq.state.or.us]
Sent: Friday, October 15, 2010 9:59 AM
To: BAUMGARTNER Johnny; DANA Kevin; MCCOY Bob; TORAN Greg
Subject: 3 Day Notice for Decommissioning has been approved

A 3 Day Notice for Decommissioning has been approved for:
Facility: MORSE BROS. GRESHAM S&G(2861) in MULTNOMAH County.
Approved by: Bob McCoy
Service Provider: Debbie Petree Construction
Work scheduled for: 09/20/2010
3 Day Confirmation #: 26-3D-10-045
Comments: Waiting for 72 HR Notice.



Oregon

Theodore R. Kulongoski, Governor

file

Department of Environmental Quality

Northwest Region Portland Office

2020 SW 4th Avenue, Suite 400

Portland, OR 97201-4987

(503) 229-5263

Fax: (503) 229-6945

TTY: (503) 229-5471

October 11, 2010

JEFF STEYAERT
KNIFE RIVER
32260 OLD HIGHWAY 34
TANGENT OR 97389-9770

Re: Morse Bros.
UST Cleanup File No. 26-09-0606
UST Facility ID No. 2861

Dear Mr. Steyaert:

The Department of Environmental Quality (DEQ) has received and reviewed decommissioning reports for two underground storage tanks (USTs) at the Morse Bros. site, located at 1339 NW Eastwood Avenue in Gresham, Oregon. Based on the reports and other file information, it appears the site has met the appropriate cleanup requirements for a No Further Action (NFA) letter.

You should see a final invoice for this project in approximately 45 days. Once the final invoice is paid, DEQ will send you the NFA letter.

If you have any questions, please feel free to contact me at (503) 229-5369.

Sincerely,

Kevin Dana

Kevin Dana
UST Cleanup Specialist

cc: Kay Thompson
CAESCO
PO Box 430
Fairview OR 97024

William J Messer
Petroleum Constructors
PO Box 325
Troutdale OR 97060

Loren Harwood
Environmental Science Assoc
1450 Flintridge Ave
Eugene OR 97401

(kpd:KPD)



DANA Kevin

From: GILLES Bruce A
Sent: Thursday, October 07, 2010 6:14 PM
To: DANA Kevin
Subject: RE: Draft NFA for Review

Looks good Kevin. You can finalize for signature if other closure steps have been completed.
I'll be in Monday.

*Bruce A. Gilles, Manager
Cleanup and Emergency Response
Department of Environmental Quality
NWR - Eastside Office
1550 NW Eastman Parkway, Suite 290
Gresham, OR 97030*

*Phone: (503)667-8414 Extension 55009
Fax: (503) 674-5148
Cell: (971) 246-2300*



Is it necessary to print this e-mail?

From: DANA Kevin
Sent: Wednesday, October 06, 2010 4:17 PM
To: GILLES Bruce A
Cc: DANA Kevin
Subject: Draft NFA for Review

Attached for your review and approval is a draft No Further Action (NFA) letter for the Morse Bros. LUST project (26-09-0606).

<< File: 26-09-0606 Morse Bros NFA.docx >>

Note that the NFA determination relies on sampling data from Wy'East Environmental Sciences.

Thanks! Kevin

DANA Kevin

From: Steyaert, Jeff [Jeff.Steyaert@Kniferiver.com]
Sent: Thursday, July 22, 2010 7:19 AM
To: DANA Kevin
Subject: Knife River UST Cleanup File #26-09-0606
Attachments: DOC633.PDF

Importance: High

Good morning Kevin,

I received your voice mail message regarding our UST cleanup file #26-09-0606 and your request for the landfill disposal receipts.

I have attached all the receipts we received for delivering 193.03 Tons of petroleum contaminated soil to the Hillsboro Landfill.

Please let me know if you require any further information to close out this file and received a NFA letter.

Thanks,

Jeff



Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1221888

Customer Name KNIFERIVER Knife River
Ticket Date 07/29/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 1045420R
Profile 1045420R (PCS-DIESEL)
Generator OR-KNIFE RIVER GRESHAM KNIFE RIVER GRESHAM

Carrier SELFHLD SELF HAULED
Vehicle# 154
Container
Driver ralph
Check#
Billing # 0002572
Gen EPA ID N/A
Grid

	Time	Scale	Operator	Inbound	Gross	
In	07/29/2009 08:45:28	Inbound 1	ajw		Tare	103460 lb*
Out	07/29/2009 09:10:57	Outbound	sdm		Net	41460 lb
			* Manual Weight		Tons	62000 lb
						31.00

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		31.00	Tons	29.00		\$899.00	MULT-IN
2 EvfB-Env Fee \$8 Lg 100		1	Load	8.00		\$8.00	MULT-IN
3 AF1-Approval Fee \$ 100		1	Each	35.00		\$35.00	MULT-IN

Total Tax
Total Ticket \$942.00

Driver's Signature



Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1221889

Customer Name KNIFERIVER Knife River

Ticket Date 07/29/2009

Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Waste Code

Manifest na

Destination

PO 1045420R

Profile 1045420R (PCS-DIESEL)

Generator OR-KNIFE RIVER GRESHAM KNIFE RIVER GRESHAM

Carrier SELFHLD SELF HAULED

Vehicle# 112

Volume

Container

Driver michael

Check#

Billing # 0002572

Gen EPA ID N/A

Grid

	Time	Scale	Operator	Inbound	Gross	104940 lb*
In	07/29/2009 08:47:19	Inbound 1	ajm		Tare	41380 lb
Out	07/29/2009 09:12:26	Outbound	sdm		Net	63560 lb
			* Manual Weight		Tons	31.78

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		31.78	Tons	29.00		\$921.62	MULT-IN
2 Evf8-Env Fee \$8 Lg 100		1	Load	8.00		\$8.00	MULT-IN

Total Tax
Total Ticket \$929.62

Driver's Signature



3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Ticket# 1221915

Customer Name KNIFERIVER Knife River
Ticket Date 07/29/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 1045420R
Profile 1045420R (PCS-DIESEL)
Generator OR-KNIFE RIVER GRESHAM KNIFE RIVER GRESHAM

Carrier SELFHLD SELF HAULED
Vehicle# 253 KNIFE RIVER Volume
Container
Driver RALPH
Check#
Billing # 0002572
Gen EPA ID N/A
Grid

	Time	Scale	Operator	Inbound	Gross	
In	07/29/2009 11:49:04	Inbound_1	trc		Tare	104080 lb*
Out	07/29/2009 11:49:04		trc		Net	41460 lb*
			* Manual Weight		Tons	62620 lb
						31.31

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		31.31	Tons	29.00		\$907.99	MULT-IN
2 EvfB-Env Fee \$8 Lg 100		1	Load	8.00		\$8.00	MULT-IN

Total Tax
Total Ticket \$915.99

Driver's Signature



Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1221916

Customer Name KNIFERIVER Knife River
Ticket Date 07/29/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 1045420R
Profile 1045420R (PCS-DIESEL)
Generator OR-KNIFE RIVER GRESHAM KNIFE RIVER GRESHAM
Carrier SELFHLD SELF HAULED
Vehicle# 248 KNIFE RIVER Volume
Container
Driver MICHAEL
Check#
Billing # 0002572
Gen EPA ID N/A
Grid

	Time	Scale	Operator	Inbound	Gross	
In	07/29/2009 11:51:56	Inbound_1	trc		Tare	104980 lb*
Out	07/29/2009 11:51:56		trc		Net	41380 lb*
			* Manual Weight		Tons	63600 lb
						31.80

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		31.80	Tons	29.00		\$922.20	MULT-IN
2 EvfB-Env Fee \$8 Lg 100		1	Load	8.00		\$8.00	MULT-IN

Total Tax
Total Ticket \$930.20



Hillsboro Landfill, Inc
2205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1221937

Customer Name KNIFERIVER Knife River

Ticket Date 07/29/2009

Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Waste Code

Manifest na

Destination

PO 1045420R

Profile 1045420R (PCS-DIESEL)

Generator OR-KNIFE RIVER GRESHAM KNIFE RIVER GRESHAM

Carrier SELFHLD SELF HAULED

Vehicle# kn248

Volume

Container

Driver michael

Check#

Billing # 0002572

Gen EPA ID N/A

Grid

	Time	Scale	Operator	Inbound	Gross	
In	07/29/2009 14:44:06	Inbound_1	sdm		Tare	103060 lb*
Out	07/29/2009 14:44:06		sdm		Net	41380 lb*
			* Manual Weight		Tons	61680 lb
						30.84

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		30.84	Tons	29.00		\$894.36	MULT-IN
2 Evf8-Env Fee \$8 Lg 100		1	Load	8.00		\$8.00	MULT-IN

Total Tax
Total Ticket \$902.36

Driver's Signature



Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1221938

Customer Name KNIFERIVER Knife River
Ticket Date 07/29/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PD 1045420R
Profile 1045420R (PCS-DIESEL)
Generator OR-KNIFE RIVER GRESHAM KNIFE RIVER GRESHAM

Carrier SELFHLD SELF HAULED
Vehicle# kr253
Container
Driver ralph
Check#
Billing # 0002572
Gen EPA ID N/A
Grid

	Time	Scale	Operator	Inbound	Gross	
In	07/29/2009 14:46:43	Inbound_1	sdm		Tare	100040 lb*
Out	07/29/2009 14:46:43		sdm		Net	41460 lb*
			* Manual Weight		Tons	58580 lb
						29.29

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		29.29	Tons	29.00		\$849.41	MULT-IN
2 EvfB-Env Fee \$8 Lg 100		1	Load	8.00		\$8.00	MULT-IN

Total Tax
Total Ticket \$857.41

Driver's Signature

Ralph O. Kern



Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1222320

Customer Name KNIFERIVER Knife River
Ticket Date 08/04/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 1045420R
Profile 1045420R (PCS-DIESEL)
Generator OR-KNIFE RIVER GRESHAM KNIFE RIVER GRESHAM
Carrier SELFHLD SELF HAULED
Vehicle# 72
Volume
Container
Driver michael
Check#
Billing # 0002572
Gen EPA ID N/A
Grid

	Time	Scale	Operator	Inbound	Gross	
In	08/04/2009 12:01:09	Inbound_1	sdm		Tare	55440 lb*
Out	08/04/2009 12:01:09		sdm		Net	41380 lb*
			* Manual Weight		Tons	14060 lb 7.03

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		7.03	Tons	29.00		\$203.87	MULT-IN
2 EvfB-Env Fee \$8 Lg 100		1	Load	8.00		\$8.00	MULT-IN

Total Tax
Total Ticket \$211.87

Driver's Signature



Oregon

Theodore R. Kulongoski, Governor

file
Department of Environmental Quality

Northwest Region Portland Office

2020 SW 4th Avenue, Suite 400

Portland, OR 97201-4987

(503) 229-5263

Fax: (503) 229-6945

TTY: (503) 229-5471

June 21, 2010

JEFF STEYAERT
KNIFE RIVER
32260 OLD HIGHWAY 34
TANGENT OR 97389-9770

Re: Morse Bros.
UST Cleanup File No. 26-09-0606
UST Facility ID No. 2861

Dear Mr. Steyaert:

The purpose of this letter is to inform you that I have been assigned as project manager for your underground storage tank (UST) decommissioning and cleanup project located at 1339 NW Eastwood Avenue in Gresham, Oregon.

As a reminder, the Department of Environmental Quality (DEQ) is required by law to recover its costs in reviewing and overseeing work on UST cleanup projects, as described in the enclosed Cost Recovery Agreement. Please sign and return the Agreement to the address on this letterhead.

If you have any questions regarding DEQ's work on or involvement with your project, please call me at (503) 229-5369. Your efforts in investigating and cleaning up the release from your underground storage tank are appreciated.

Sincerely,

Kevin Dana

Kevin Dana
UST Cleanup Specialist

cc: Kay Thompson
CAESCO
PO Box 430
Fairview OR 97024

William J Messer
Petroleum Constructors
PO Box 325
Troutdale OR 97060

Loren Harwood
Environmental Science Assoc
1450 Flintridge Ave
Eugene OR 97401

Enclosure: Cost Recovery Agreement



PortlandMaps

[New Search](#) | [Mapping](#) | [Advanced](#) | [Google Earth](#) | [Help](#) | [PortlandOnline](#)

NO ADDRESS AVAILABLE - GRESHAM

[Explorer](#) | [Property](#) | **Maps** | [Projects](#) | [Crime](#) | [Census](#) | [Transportation](#)
[Capital Improvement Projects](#) | [Public Works Projects](#)

Aerial Photo

2009 / '08 / '07 / '06 / '05 / '04 / '03 / '02 / '01

6" / 2' / 4' / 10' / 20'

Streets: **Off** Lots: **On** Dot: **On**

0 |—————| 100 FT

City of Portland, Corporate GIS

4/26/2010

THE GIS APPLICATIONS ACCESSED THROUGH THIS WEB SITE PROVIDE A VISUAL DISPLAY OF DATA FOR YOUR CONVENIENCE. EVERY REASONABLE EFFORT HAS BEEN MADE TO ASSURE THE ACCURACY OF THE MAPS AND ASSOCIATED DATA. THE CITY OF PORTLAND MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, SEQUENCE, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE DATA PROVIDED HEREIN. THE USER OF THESE APPLICATIONS SHOULD NOT RELY ON THE DATA PROVIDED HEREIN FOR ANY REASON. THE CITY OF PORTLAND EXPLICITLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE CITY OF PORTLAND SHALL ASSUME NO LIABILITY FOR ANY ERRORS, OMISSIONS, OR INACCURACIES IN THE INFORMATION PROVIDED REGARDLESS OF HOW CAUSED. THE CITY OF PORTLAND SHALL ASSUME NO LIABILITY FOR ANY DECISIONS MADE OR ACTIONS TAKEN OR NOT TAKEN BY THE USER OF THE APPLICATIONS IN RELIANCE UPON ANY INFORMATION OR DATA FURNISHED HEREUNDER. FOR UPDATED INFORMATION ABOUT THE MAP DATA ON PORTLANDMAPS PLEASE REFER TO [CITY GIS METADATA](#). FOR QUESTIONS ABOUT ASSESSMENT INFORMATION PLEASE CONTACT THE COUNTY ASSESSORS OFFICE IN YOUR COUNTY.

[Address](#) | [Mapping](#) | [Advanced](#) | [Google Earth](#) | [Help](#) | [About](#)PortlandMaps © 2010 [City of Portland, Oregon](#)

Western Oregon Division

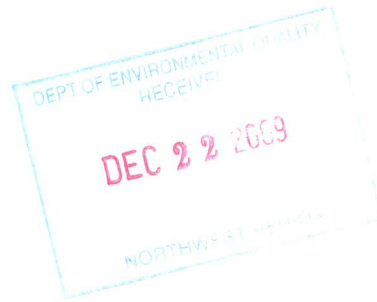
32260 Old Hwy 34
Tangent, OR 97389
Ph: (541) 928-6491

Corporate Office
AR Dept.
HR/Payroll Dept.
Mid-Willamette Const.

Fax: (541) 928-6494
Fax: (541) 791-2016
Fax: (541) 791-2015
Fax: (541) 928-6490

December 21, 2009

Kevin Dana
Oregon DEQ
Northwest Region Portland Office
2020 SW 4th Ave., Suite 400
Portland, OR 97201-4987



RE: File No. 26-09-0606

Mr. Dana

Morse Bros., Inc. dba Knife River is providing the Oregon DEQ with our Soil Matrix Checklist and Soil Matrix Score sheet for our UST facility #2861 located at 1339 NW Eastwood Ave., Gresham, OR. The score sheet is related to file No. 26-09-0606 and the UST decommissioning of two, 4,000 gallon diesel tanks.

Please contact me at (541) 928-6491, if you should have any questions or require any further information.

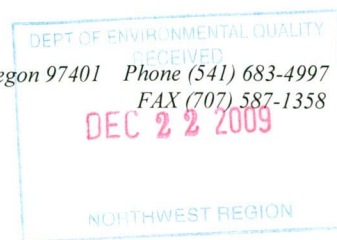
Sincerely,

Jeff Steyaert
Environmental \ Permitting & Property MGR.



Environmental Science Associates, Inc. 1450 Flintridge Avenue Eugene, Oregon 97401 Phone (541) 683-4997

FAX (707) 587-1358



December 14th, 2009

Mr. Jeff Steyaert
Knife River
32260 Highway 34
Tangent, Oregon, OR 97389

RE: UST(s) DECOMMISSIONING DEQ FACILITY 2861. SOIL MATRIX SCORE SHEET.

Dear Jeff:

Attached is the Soil Matrix score sheet and decommissioning report. The site was evaluated after review of Oregon Department of Water Resource records, meteorological data, a site visit and review of sample test results.

According to a soil matrix scoring of 26, residual soil contamination of 275-279 ppm diesel is below a cleanup Level 2 category of 500 ppm diesel. Excavation of PCS during removal of the tanks and further over-excavation of diesel contaminated soil in the vicinity of sample 1-E to non-detect levels in confirmation sample 1E @ 18' indicates the site meets Level 2 criteria.

If you have any questions or require additional information please contact us at your convenience.

Sincerely,

Steven LaFranchi, RG

Loren Harwood
Soil Matrix Supervisor #25532

Enc.





OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
Underground Storage Tank Program

**SOIL MATRIX CHECKLIST AND
SOIL MATRIX SCORESHEET**

- ☒ 1. The release of petroleum has been reported to the DEQ (0220).
- ☒ 2. The matrix score sheet has been completed for this site, unless the site is cleaned up to the most stringent cleanup level (0320).
- ☒ 3. The required hydrocarbon identification test (NWTPH-HCID) has been performed (0335(3)), and, if detectable levels were found, the appropriate analytical method or methods have been used to measure the levels of contamination (0218).
- ☒ 4. A sketch has been made of this site (0345(1)) which 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. All soil and water sample locations.
- ☒ 5. If any contaminated soil exceeding matrix limits has been left on site, the reason for leaving this soil has been explained and the requirements of 0340(1)(f) and 0355(4) have been met.
- ☒ 6. If water was present in the tank pit, the Department was notified, the water was pumped from the pit, and the requirements of 0340(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 (0345).
- ☒ 8. If a release from a waste oil tank was discovered, at least one sample has been analyzed by the methods specified in 0218(1)(b)(D).
- ☒ 9. If a tank was decommissioned in place, the Department gave prior approval for a site-specific sampling plan (0340(5)).
- ☒ 10. A report has been prepared which includes a detailed description of everything that was observed and performed at the site, contains all of the information required by the rules (0360), and presents findings and recommendations which are consistent with Department regulations.

SOIL MATRIX SCORE SHEET

1.	Depth to Groundwater		
	< 25 feet	(10)	7
	25 - 50 feet	(7)	
	51 - 100 feet	(4)	
	> 100 feet	(1)	
2.	Mean Annual Precipitation		
	> 45 inches	(10)	4
	20 - 45 inches	(4)	
	< 20 inches	(1)	
3.	Native Soil Type		
	Course sands, gravels	(10)	10
	Silts, fine sands	(5)	
	Clays	(1)	
4.	Sensitivity of Uppermost		
Aquifer		(10)	4
	Sole Source	(7)	
	Current Potable	(4)	
	Future Potable	(1)	
	Non-potable		
5.	Potential Receptors		
	Many, near	(10)	1
	Medium	(5)	
	Few, far	(1)	
TOTAL SCORE			=
			26

MATRIX SCORE	Cleanup Level (ppm TPH)	
	Gasoline	Diesel
Level 1: > 40 pts.	40	100
Level 2: 25 - 40 pts.	80	500
Level 3: < 25 pts.	130	1000



State of Oregon
Department of
Environmental
Quality

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY UNDERGROUND STORAGE TANK PROGRAM

UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST AND SITE ASSESSMENT REPORT

A. FACILITY INFORMATION:

This report **MUST** be submitted by the underground storage tank permittee or tank owner, or the licensed DEQ Service Provider on their behalf, **within 30 days following completion of the tank decommissioning or change-in-service regardless of ongoing cleanup work.**

DEQ FACILITY NUMBER: 2861
FACILITY NAME: Morse Bros. Inc (Knife River)
FACILITY ADDRESS: 1339 NW Eastwood Avenue, Gresham OR 97030
PERMITTEE PHONE: 541.928.6491 DATE: 7/14/09

B. WORK PERFORMED BY:

The checklist and site assessment report should be completed and signed by the DEQ licensed supervisor and signed by an executive officer of the DEQ licensed Service Provider on page 6. The tank owner or permittee must review and sign the report on page 6. **NOTE: AN OWNER OR PERMITTEE MAY PERFORM UST SERVICES ONLY IF THEY HAVE TAKEN AND PASSED THE APPROPRIATE UST SUPERVISOR EXAMINATION OFFERED BY A NATIONAL TESTING SERVICE (SEE OAR 340-150-0156 for requirements).**

DEQ Service Provider's License #: 14996 Construction Contractors Board License #: 118726
Name: Petroleum Constructors Inc.
Telephone: 503.722.0707
DEQ Decommissioning Supervisor's License #: 26687
Name: Adam Pond
Telephone: 503.722.0707
DEQ Soil Matrix Service Provider's License #: 15012 (If applicable)
Name: CAESCO, Inc.
Telephone: (503) 492-0977
DEQ Soil Matrix Supervisor's License #: 15011 (If applicable)
Name: Key Thompson
Telephone: (503) 492-0977

C. DATES:Decommissioning/Change-in-Service Notice - Date Submitted: 6/30/09 (30 days before work starts).Work Start Telephone Notice - Number issued by DEQ: 06.30.09 (3 working days before work starts).DEQ Person Notified: Greg Toran (reverted to Bob McCoy as Greg was out of office)Date Work Started: 7/3/09 Date Work Completed: 7/14/09

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

Date Contamination Reported: 07.03.09 By: emailDEQ Person Notified: Bob McCoy**D. OTHER DEQ PERMITS MAY BE NEEDED WHERE SOIL OR WATER CLEANUP IS REQUIRED.**

DEQ Water Discharge Permit #: _____ Date: _____

Water Disposed to (Location): _____

DEQ Solid Waste Disposal Permit #: _____ Date: _____

Soil Disposal or Treatment Location: _____

E. TANK INFORMATION:

TANK ID #	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRODUCT: GASOLINE, DIESEL, USED OIL, OTHER?		CLOSURE OR CHANGE-IN-SERVICE?			TANK TO BE REPLACED?	
			PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE♦	CHANGE IN SERVICE♦	YES	NO
G	BCHCE	4K	Diesel		☒	☐	☐	☐	☒
H	BCHCF	4K	Diesel		☒	☐	☐	☐	☒
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐

NOTE 1: Where decommissioned tank(s) are replaced by new underground storage tanks the UST permittee must submit a *General Permit Registration Form to Install and Operate USTs* containing information on the new tanks 30 days before installing them.

NOTE 2: 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.

F. DISPOSAL INFORMATION:

TANK ID #	TANK AND PIPING DISPOSAL METHOD				DISPOSAL LOCATION OF TANK CONTENTS	
	SCRAP	LAND-FILL	OTHER	IDENTIFY LOCATION & PROPERTY OWNER	LIQUIDS	SLUDGES
G	☐	☐	☒	Max Hendrix	pumped by	
H	☐	☐	☒	Boring, OR	owner	
	☐	☐	☐	resalvage +		
	☐	☐	☐	recycle		
	☐	☐	☐			

NOTE 1: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ regional office for your area.

NOTE 2: Attach copies of the disposal receipts for the tanks and piping. If the tanks are shipped off-site for reuse provide the name, address and phone number of the person or business receiving the tanks for reuse.

NOTE 3: Attach copies of the disposal receipts for the disposal or treatment of liquid or sludge removed from the tanks

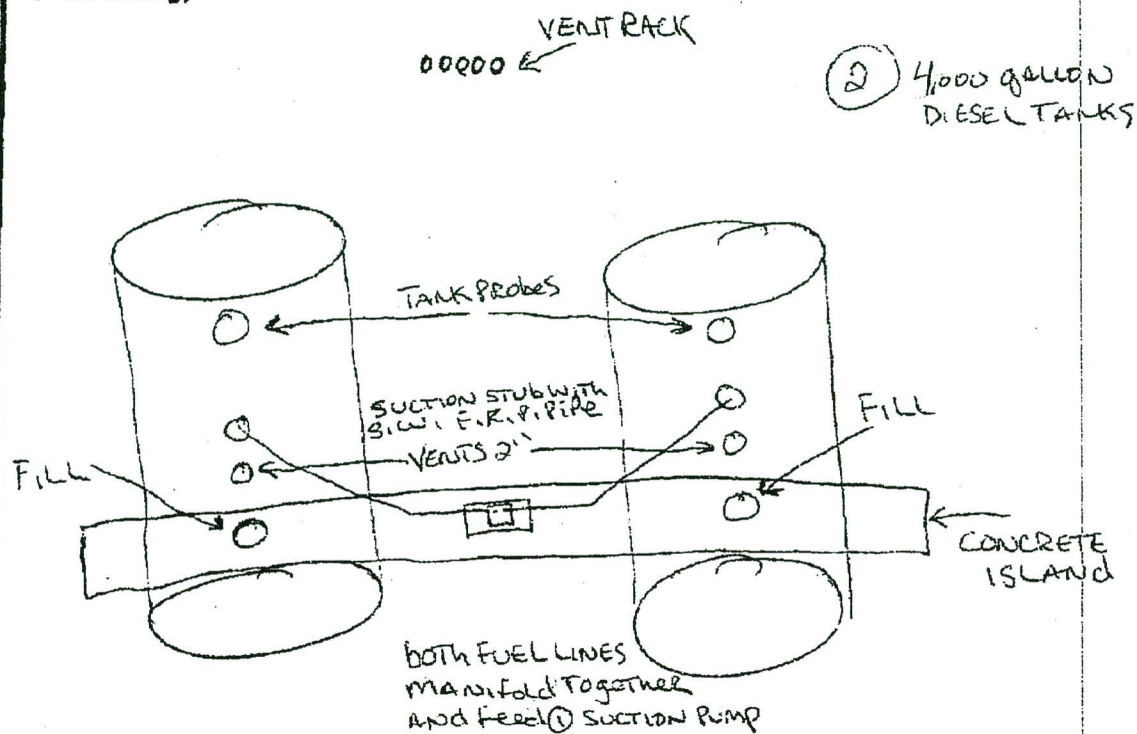
G. CONTAMINATION INFORMATION: *Addressed by CAESCO 503.492.0977*

TANK ID #	GROUND WATER IN PIT ?	PRODUCT ODOR IN SOIL ?	PRODUCT STAINS IN SOIL ?	NUMBER OF SAMPLES	LABORATORY (NAME, CITY, STATE, PHONE)
G	☐	☒	☒	72	Wy' East 2415 SE 11 th Ave
H	☐	☒	☒	" 3	Portland, OR 97214
	☐	☐	☐		same pit
	☐	☐	☐		
	☐	☐	☐		

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

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

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



I. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher: Type/Size: DryChem 15lb Recharge Date: 1/9/09
Combustible Gas Detector: Model: GasTech Type GP-204 Calibration Date: 7/3/09
Oxygen Analyzer: Model: _____ Calibration Date: _____

J. DECOMMISSIONING:

All Tanks: N/A = Not Applicable (Check (✓) Appropriate Box)	YES	NO	UNKNOWN	N/A
1. All electrical equipment grounded and explosion proof?	☒	☐	☐	☐
2. Safety equipment on job site?	☒	☐	☐	☐
3. Overhead electrical lines located?	☒	☐	☐	☐
4. Subsurface electrical lines off or disconnected?	☒	☐	☐	☐
5. Natural gas lines off or disconnected?	☒	☐	☐	☐
6. No open fires or smoking material in area?	☒	☐	☐	☐
7. Vehicle and pedestrian traffic controlled?	☒	☐	☐	☐
8. Excavation material area cleared?	☒	☐	☐	☐
9. Rainwater runoff directed to treatment area?	☐	☐	☐	☒
10. Drained and collected product from lines?	☒	☐	☐	☐
11. Removed product and residual from tank?	☒	☐	☐	☐
12. Cleaned tank?	☒	☐	☐	☐
13. Excavated to top of tank?	☒	☐	☐	☐
14. Removed tank fixtures? (pumps, leak detection equipment)	☒	☐	☐	☐
15. Removed product, fill and vent lines?	☒	☐	☐	☐

K. TANK ABANDONMENT IN-PLACE:N/A

All Tanks: N/A = Not Applicable (Check (✓) Appropriate Box)	YES	NO	UNKNOWN	N/A
16. Sampling plan approved by DEQ? Date: _____ DEQ Staff: _____	☐	☐	☐	☐
17. Contamination concerns fully resolved?	☐	☐	☐	☐
18. Fill Material? Type: _____	☐	☐	☐	☐

L. TANK REMOVAL:

All Tanks: N/A = Not Applicable (Check (✓) Appropriate Box)	YES	NO	UNKNOWN	N/A
19. Tank placement area cleared, chocks placed?	☒	☐	☐	☐
20. Purged or ventilated tank to prevent explosion? Method used: <u>dry ice</u> Meter reading: _____	☒	☐	☐	☐
21. Were chains or steel cables wrapped around tank for removal?	☐	☒	☐	☐
22. Tank removed, set on ground, blocked to prevent movement?	☒	☐	☐	☐
23. Tank set on truck and secured with straps(s)?	☒	☐	☐	☐
24. Tank labeled before leaving site?	☒	☐	☐	☐

M. SITE ASSESSMENT: *Addressed by CAESCO 503.492.0977*

All Tanks: N/A = Not Applicable (Check (✓) Appropriate Box)	YES	NO	UNKNOWN	N/A
25. Site assessed for contamination? See OAR 340-122-0340	☒	☐	☐	☐
26. Soil samples taken and analyzed?	☒	☐	☐	☐
27. Was contamination found? Date/Time: _____	☒	☐	☐	☐
28. Was hazardous waste determination made for tank contents (Liquids/sludges)?	☐	☐	☐	☐

N. REQUIRED SIGNATURES:

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

→ Permittee or Tank Owner: JEFF STEYAERT

(Please Print)

→ Permittee or Tank Owner: [Signature] Date: 7/24/09

(Signature)

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Licensed Supervisor: Adam Pond

(Please Print)

Licensed Supervisor: Adam Pond Date: 07/24/09

(Signature)

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Executive Officer: William J. Messer

Licensed Service Provider (Please Print)

Executive Officer: William J. Messer Date: 07.24.09

Licensed Service Provider (Signature)

Petroleum Constructors Inc.

Office 503.722.0707

P.O. Box 325 Troutdale, OR 97060 ccb# 118728

Fax 503.722.0909

July 21, 2009

Mr. Mike House
Knife River – Gresham
1339 NW Eastwood Avenue
Gresham OR 97030

RE: Letter Report regarding Decommissioning of UST
at 1339 NW Eastwood Avenue, Gresham OR 97080

Dear Mr. House:

Petroleum Constructors Inc. is pleased to present this report of the completion of the decommissioning at your location. As you know, on July 3, 2009, Petroleum Constructors Inc. decommissioned two single wall steel underground storage tanks at your location. The tanks measured 76" x 17'. We believe that the tanks had a capacity of 4,000-gallons each. The tanks were situated side by side within the excavation. The tanks had roughly 5' of cover. Each tank had a 2" FRP Vent Line, Tank Probe, 5-gallon spill bucket and 2" single wall FRP product piping. Both tanks fed a single suction pump. The only check valve found was at the pump. The suction pump had no sump.

There was (1) fueling island that ran perpendicular to the tanks. Both spill buckets were poured in the fueling island. It appeared that something had hit the northwest corner of the fueling island, and in doing so, the plastic bellow on the spill bucket was damaged thus allowing fuel to leak out of the bucket when fuel drops were made. At the east end of the tanks, directly under the suction pump, there was obvious staining from either the pump, or pump maintenance.

During the removal of the tanks, we excavated through surrounding fill material and native soils to a depth of roughly 11' – 12' below surface grade. There were indications of hydrocarbon affected soils within the excavation. Once impacted soils were encountered, and a Soil Matrix Licensed Supervisor was required, we contacted Construction and Environmental Services Company (CAESCO) to provide additional services needed due to the petroleum impacted spoils. All excavated soils, including native soil, was placed on plastic sheeting and covered for future disposal.

Petroleum Constructors Inc. removed (2) single wall steel underground storage tanks. The tanks were provided to Max Hendrix in Boring OR for resale and recycle. The tanks had been pumped free of product by owner prior to our arrival.

Upon the removal of the tanks, and the completion of sampling, the excavation was back-filled using ¾" crushed rock. The fill material was placed and compacted prior to leaving the site.

Pictures were taken and have been provided along with this letter report.

If you have any questions or we can be of any further assistance, don't hesitate to contact our office at 503.722.0707.

Sincerely,



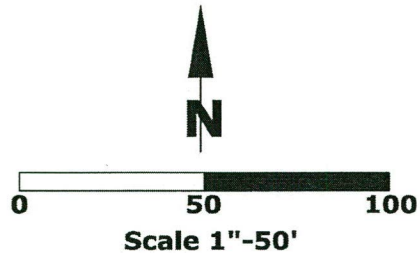
William J. Messer
Petroleum Constructors Inc.

Knife River Gresham S&G

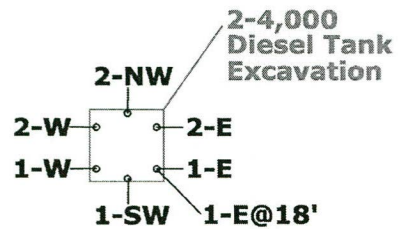
1339 NW Eastwood Ave.

Gresham, OR 97030

Facility Number 2861



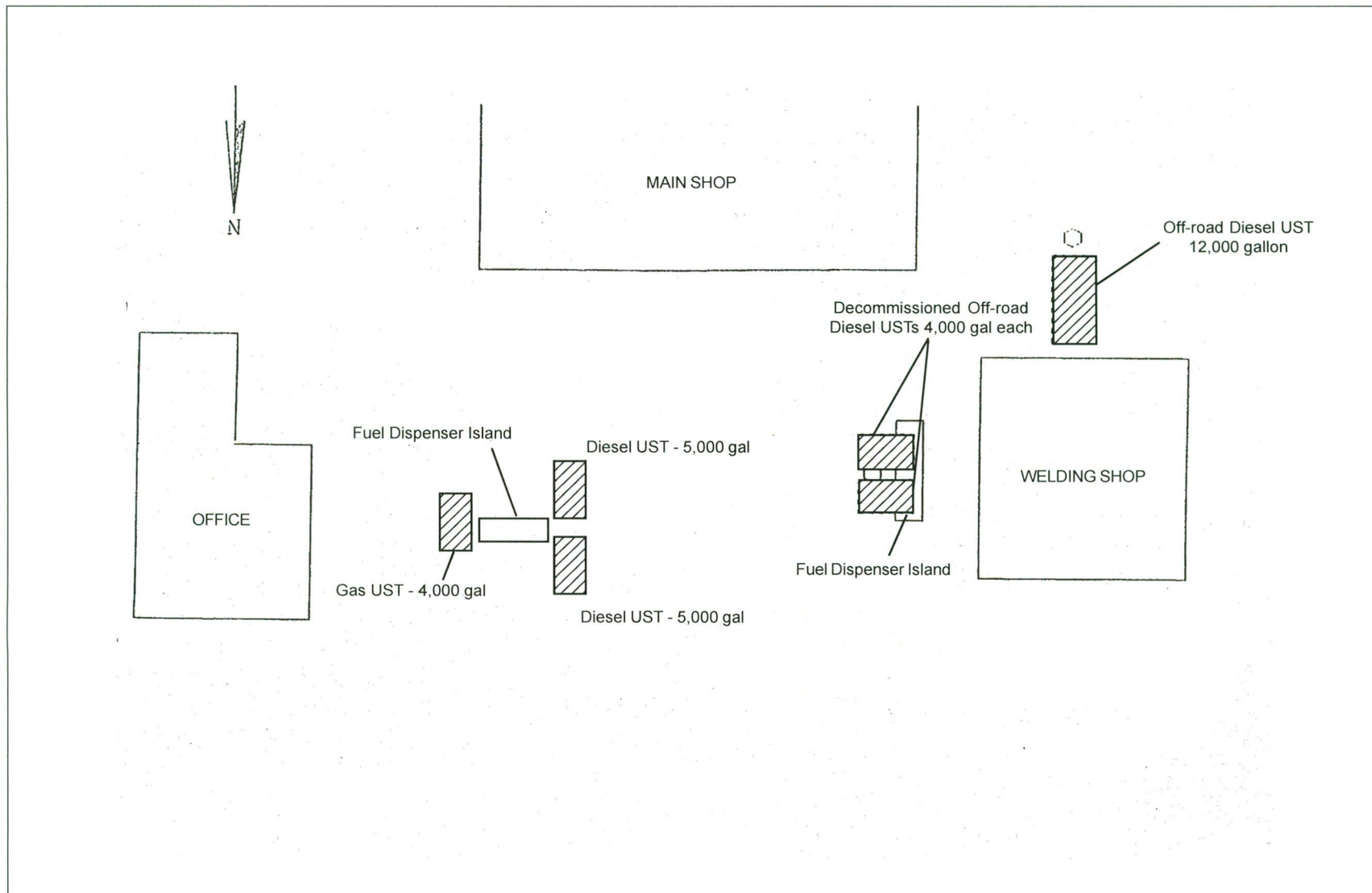
Quarry
Excavation



Property Line

Office

Shop



Knife River - Gresham Location
 1339 NW Eastwood Avenue
 Gresham, Oregon 97050

Locations of Underground Storage Tanks

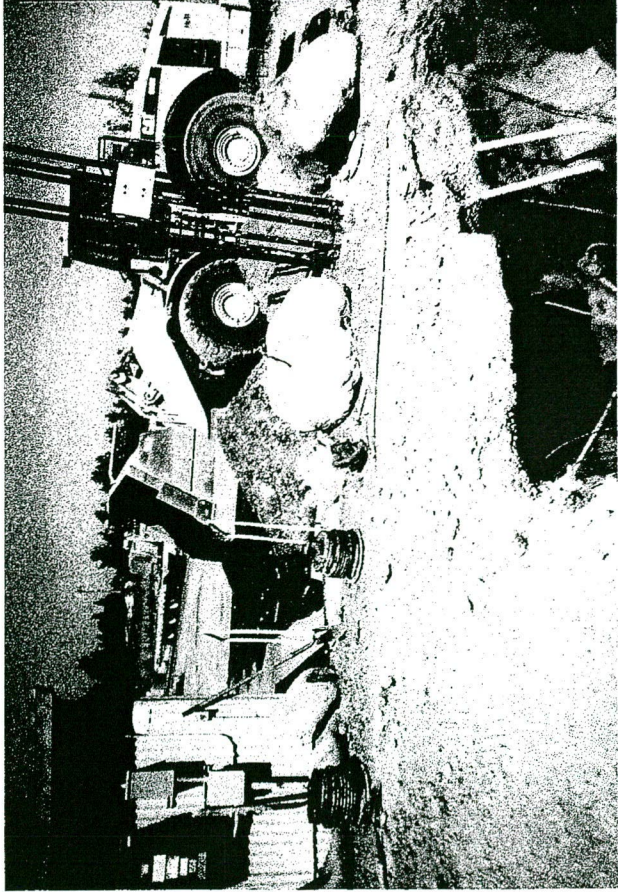
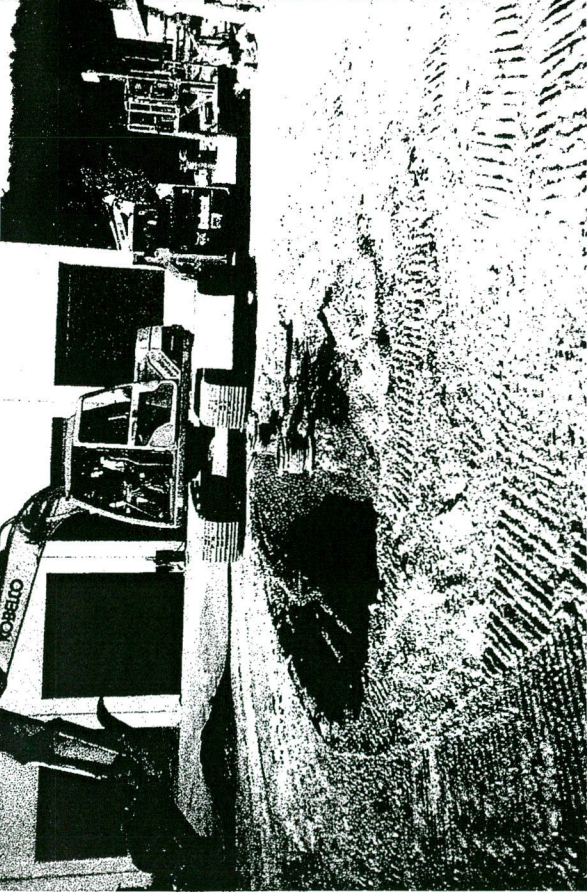
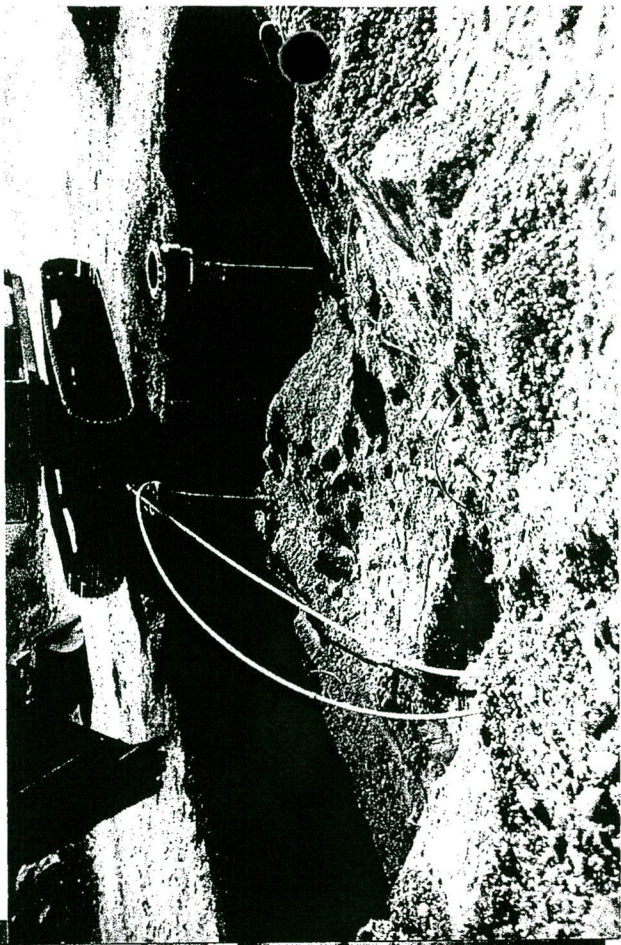
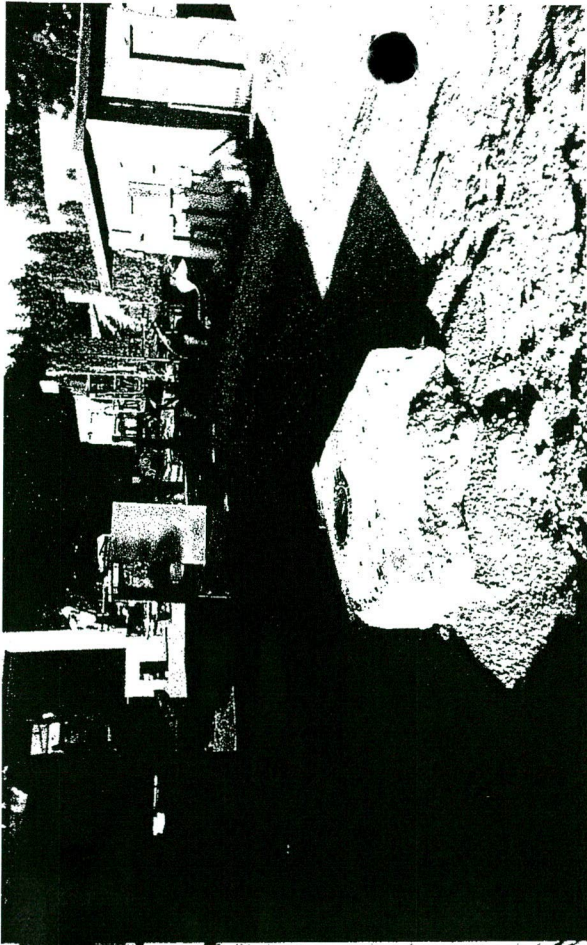
FIGURE 2

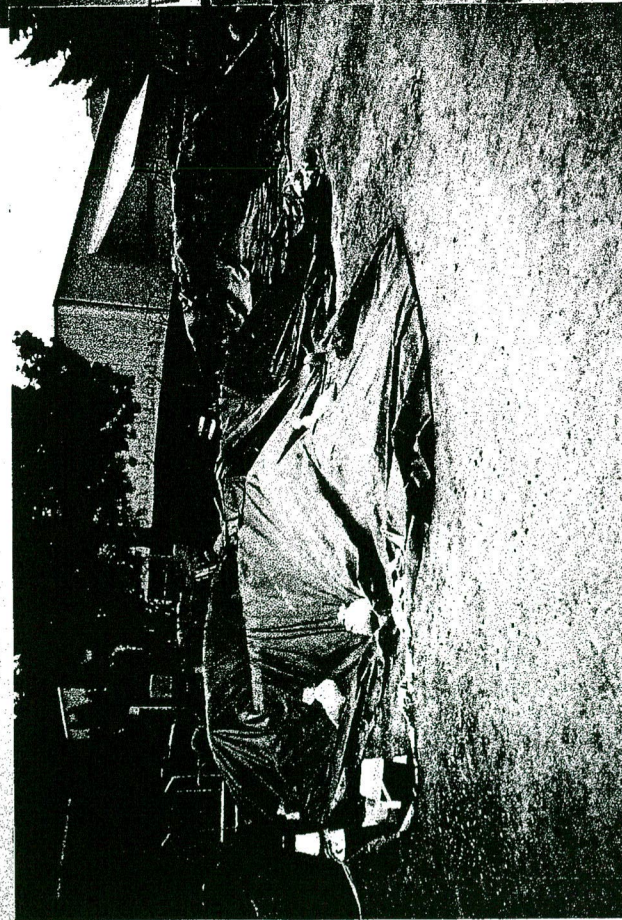
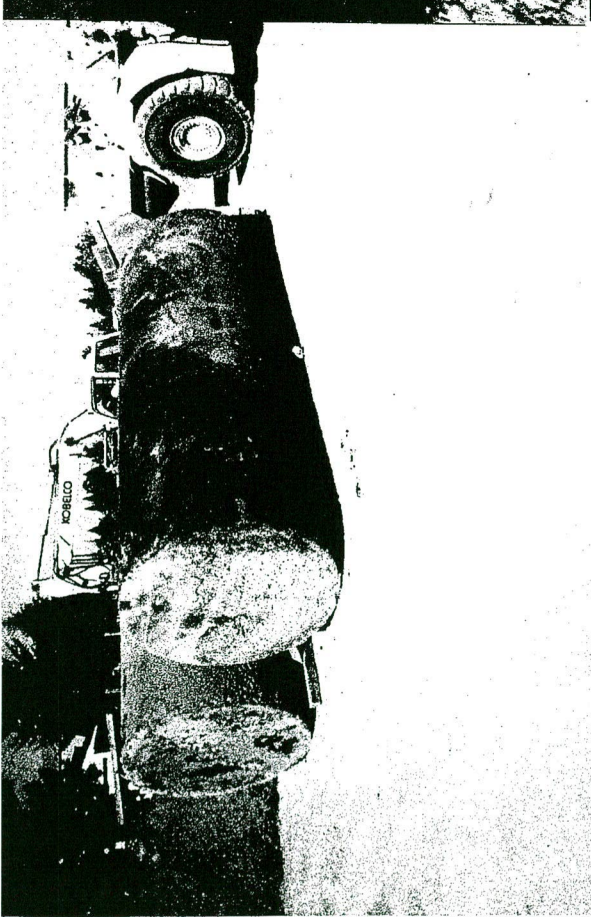
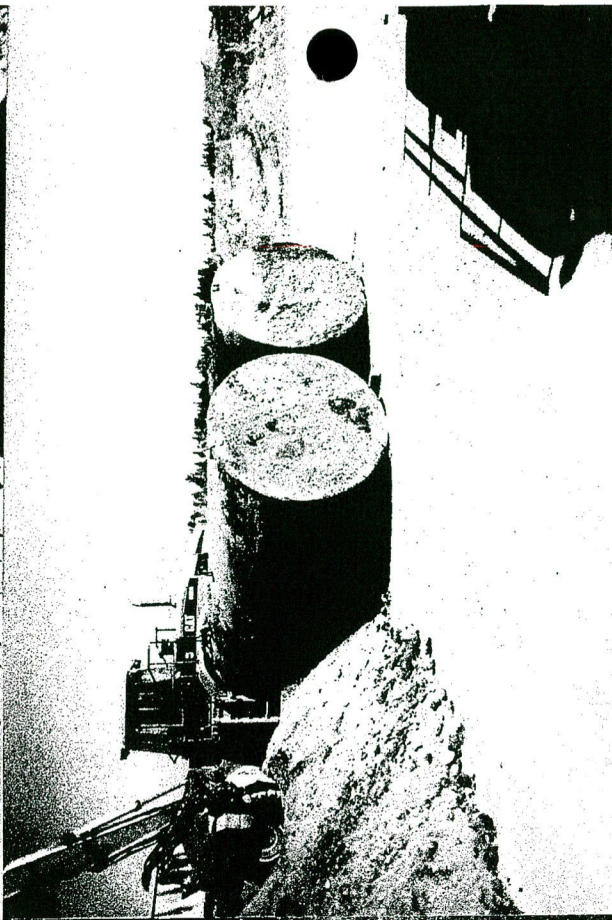
Source: ESA

Figure not to scale

Environmental Science Associates, Inc.

12/10/09





Petroleum Constructors Inc.

P.O. Box 325 Troutdale, OR 97060

ccbf# 116726

Office 503.722.0707

Fax 503.722.0909

Tank Receipt

The tank(s) described below has been used as an Underground Storage Tank (UST) for petroleum hydrocarbons:

TANK DESCRIPTION: (2) 4,000-gallon steel USTs
ORIGINAL OWNER: Morse Bros. Inc. (Knife River)
TANK LOCATION: 1339 NW Eastwood Avenue
Gresham OR 97030
TANK CONTENTS: diesel
DATE OF REMOVAL: 07.03.09

The following precautions should be observed:

TANK HAS CONTAINED PETROLEUM HYDROCARBONS
NOT VAPOR FREE
NOT SUITABLE FOR STORAGE OF FOOD OR LIQUIDS INTENDED FOR HUMAN OR ANIMAL CONSUMPTION

I have been informed that the above described tank has been used as a part of a petroleum UST system and precautions should be observed regarding the use of said tank(s). I agree to accept full liability regarding the tank(s).

SIGNATURE: Max Hendrix Date: 07/20/09
PRINT NAME: MAX Hendrix
PROPOSED USE: Reserve and Recycle
USE LOCATION: Scrap

Laboratory Report

CAESCO
4560 SE 282nd Ave.
Gresham, OR 97081

Report Number: 73957
Report Date: 7/7/09

Project Name: 909
Project Location: Knife River
Project Number: 1339 NW Eastwood Ave
Date Sampled: 7/6/09
Date received: 7/6/09

NWTPH-HCID

Analyte: Petroleum Hydrocarbon Identification in soil

Field ID	Lab ID	Gasoline	Diesel	Oil	% Surr Recovery	QC
1-W	Z7904	ND	ND	ND	81%	H090706-1
1-SW	Z7905	ND	Detected	ND	80%	H090706-1
1-E	Z7906	ND	Detected	ND	94%	H090706-1
2-W	Z7907	ND	ND	ND	79%	H090706-1
2-NW	Z7908	ND	ND	ND	76%	H090706-1
2-E	Z7909	ND	Detected	ND	81%	H090706-1
SP	Z7910	ND	Detected	ND	114%	H090706-1
Reporting Limit (mg/Kg)	--	20	50	100	--	

Results relate only to samples

This report shall not be reproduced, except in full, without the written approval of WyEast Environmental Sciences, Inc.

LABORATORY REPORT

CAESCO
4560 SE 282nd Ave.
Gresham, OR 97081

SITE NAME: Knife River
SITE LOCATION: 1339 NW Eastwood Ave
PROJECT NUMBER: 909

REPORT NUMBER: 73957
REPORT DATE: 7/8/09

NW-TPHDx

Analytes: Total Diesel and Heavy Oil range petroleum in Soil

Field ID	LAB ID	Diesel (mg/Kg)	Heavy Oil (mg/Kg)	Surrogate Recovery (%)	AB	PB	Sampling Date
1-SW	Z7905	275	ND	93%	68FFL90707-1	D090707-1	7/6/2009
1-E	Z7906	4040	ND	103%	68FFL90707-1	D090707-1	7/6/2009
2-E	Z7909	279	ND	103%	68FFL90707-1	D090707-1	7/6/2009
SP	Z7910	7390	ND	*	68FFL90707-1	D090707-1	7/6/2009

Reporting Limit: -- 25 100

Surrogate is 1-ChloroOctadecane

*Surrogate Peak Obscured by Matrix Interference

Results relate only to samples

This report shall not be reproduced, except in full, without the written approval of WyEast Environmental Sciences, Inc.

Chemist Initials:

C.Y. Chan

Quality Control for NWTPH-Dx

Batch Date:

7/7/2009

QC Blank Sample Number	PB	Diesel Result (mg/Kg)	Oil Result (mg/Kg)	Blank Control Limits Diesel (mg/Kg)	Blank Control Limits Oil (mg/Kg)	Surrogate Recovery	Blank Surrogate Control Limit (%)
SBLANK1	D090707-1	0	0	25	100	88%	50%-150%
SBLANK2	D090707-2	0	0	25	100	84%	50%-150%
SBLANK3	D090707-3	0	0	25	100	103%	50%-150%
QC LRB Sample Number	AB	Diesel Result (mg/Kg)	Oil Result (mg/Kg)	LRB Control Limit Diesel (mg/Kg)	LRB Control Limit Oil (mg/Kg)	Surrogate Recovery	LRB Surrogate Control Limit (%)

CCV Diesel Sample Number	Analytical Batch	Measured Concentration in extract (ug/mL)	Theoretical Concentration (ug/mL)	% Difference	CCV Control Limit (%)
DXCCV1	68FFL90707-1	521.90	500	4.38%	±20%
DXCCV2	68FFL90707-1	543.46	500	8.69%	±20%

CCV Oil Sample Number	Analytical Batch	Measured Concentration in Extract (ug/mL)	Theoretical Concentration in Extract (ug/mL)	% Difference	CCV Control Limit (%)
OILCCV1	68FFL90707-1	371.00	400	-7.25%	±20%
OILCCV2	68FFL90707-1	363.42	400	-9.15%	±20%

QC LCS Sample Number	PB	Diesel Result in Extract (ug/mL)	Theoretical Spike Concentration (ug/mL)	LCS Spike Recovery (%)	LCS Spike Control Limits (ug/mL)	Surrogate Recovery	LCS Surrogate Control Limits (%)
SLCS1	D090707-1	441.06	357.14	123%	±30%	120%	50%-150%
SLCS2	D090707-2	410.08	357.14	115%	±30%	105%	50%-150%
SLCS3	D090707-3	415.12	357.14	116%	±30%	97%	50%-150%



CHAIN OF CUSTODY

Report Number

73957

Phone(503) 231-9320 FAX(503) 231-9344

Company CAESCO		Phone 503-492-0977																		Comments	
Project # 909		FAX 503-665-0348																			
Project Name KAUFE RIVER		Purchase Order #																			
Site 1339 NW EASTWOOD AVE		Report Attention Kay		Collected By Kay V																	
Samples: Temperature 5.1 On Ice? ☒ Yes / ☐ No		Turnaround Time: ☒ Regular ☐ 3-5 Business Days																			
LAB ID	Field ID	Sampling Date	Sampling Time	Matrix	Container	Volume	NW-TPH-Dx	NW-TPH-GX	NW-TPH-HCID	EPA 8021B (BTEX)	EPA 8270 SIM (PAH)	EPA 8260B	Analysis Requested								
Z7904	1-W	7-6-09	9:15	Soil	Jar	402			✓												
Z7905	1-SW		9:24						✓												
Z7906	1-E		9:30						✓												
Z7907	2-W		9:36						✓												
Z7908	2-NW		9:40						✓												
Z7909	2-E		9:45						✓												
Z7910	SP		9:00						✓												
Relinquished by Kay Thompson		Affiliation CAESCO		Date 7-6-09		Time		Received by DN		Affiliation		Date 7/6/09		Time 3:50							
Relinquished by		Affiliation		Date		Time		Received by		Affiliation		Date		Time							

LABORATORY REPORT

CAESCO
4560 SE 282nd Ave.
Gresham, OR 97081

SITE NAME: Knife River/ Morse Bros
SITE LOCATION: 1339 NW Eastwood Ave
PROJECT NUMBER: 909

REPORT NUMBER: 74003
REPORT DATE: 7/10/09

NW-TPHDx

Analytes: Total Diesel and Heavy Oil range petroleum in Soil

Field ID	LAB ID	Diesel (mg/Kg)	Heavy Oil (mg/Kg)	Surrogate Recovery (%)	AB	PB	Sampling Date
1-E @ 18'	Z8035	ND	ND	87%	68FFL90709-1	D090709-1	7/9/2009
Reporting Limit:		--	25	100			

Surrogate is 1-ChloroOctadecane

Results relate only to samples

This report shall not be reproduced, except in full, without the written approval of WyEast Environmental Sciences, Inc.

Chemist Initials:

C.Y. Chan

Quality Control for NWTPH-Dx

Batch Date: 7/9/2009

QC Blank Sample Number	PB	Diesel Result (mg/Kg)	Oil Result (mg/Kg)	Blank Control Limits Diesel (mg/Kg)	Blank Control Limits Oil (mg/Kg)	Surrogate Recovery	Blank Surrogate Control Limit (%)
SBLANK1	D090709-1	0	0	25	100	87%	50%-150%
WBLANK	D090709-1	0	0	25	100	91%	50%-150%
SBLANK2	D090709-2	0	0	25	100	107%	50%-150%

QC LRB Sample Number	AB	Diesel Result (mg/Kg)	Oil Result (mg/Kg)	LRB Control Limit Diesel (mg/Kg)	LRB Control Limit Oil (mg/Kg)	Surrogate Recovery	LRB Surrogate Control Limit (%)
----------------------	----	-----------------------	--------------------	----------------------------------	-------------------------------	--------------------	---------------------------------

CCV Diesel Sample Number	Analytical Batch	Measured Concentration in extract (ug/mL)	Theoretical Concentration (ug/mL)	% Difference	CCV Control Limit (%)
DXCCV1	68FFL90709-1	552.75	500	10.55%	±20%
DXCCV2	68FFL90709-1	426.60	500	-14.68%	±20%

CCV Oil Sample Number	Analytical Batch	Measured Concentration in Extract (ug/mL)	Theoretical Concentration in Extract (ug/mL)	% Difference	CCV Control Limit (%)
OILCCV1	68FFL90709-1	360.43	400	-9.89%	±20%
OILCCV2	68FFL90709-1	356.04	400	-10.99%	±20%

QC LCS Sample Number	PB	Diesel Result in Extract (ug/mL)	Theoretical Spike Concentration (ug/mL)	LCS Spike Recovery (%)	LCS Spike Control Limits (ug/mL)	Surrogate Recovery	LCS Surrogate Control Limits (%)
SLCS1	D090709-1	430.88	357.14	121%	±30%	103%	50%-150%
SLCS2	D090709-2	454.26	357.14	127%	±30%	138%	50%-150%

WyEast
 Environmental Sciences, Inc.
 2415 SE 11th Ave. Portland Oregon 97214

CHAIN OF CUSTODY

74003

Report Number

74003

Phone(503) 231-9320 FAX(503) 231-9344

Company CAESCO		Phone 503-492-0977										Comments	
Project # 909		FAX 503-665-0348											
Project Name Kanice River/Horse Bros		Purchase Order #											
Site 1339 NW EASTROAD AVE GRESHAM		Report Attention KAY		Collected By KAY T									
Samples: Temperature 12 On Ice? Yes / No		Turnaround Time: ☒ Regular ☐ 3-5 Business Days										Analysis Requested	
LAB ID	Field ID	Sampling Date	Sampling Time	Matrix	Container	Volume	NW-TPH-DX	NW-TPH-GX	NW-TPH-HCID	EPA 8021B (BTX)	EPA 8270 SIM (PAH)		EPA 8260B
Z8035	1-E e 18'	7/9/09	9:25	SOIL	JAR	402	X						
Relinquished by Kay Thompson		Affiliation CAESCO		Date 7/9/09		Time 10:00		Received by [Signature]		Affiliation		Date 7/9/09	Time 10:30 AM
Relinquished by		Affiliation		Date		Time		Received by		Affiliation		Date	Time

DANA Kevin

From: MCCOY Bob
Sent: Tuesday, September 22, 2009 4:03 PM
To: CLARK Liz; DANA Kevin
Subject: RE: Emailing: Decomissioning 2861 morse bros-knife river
Attachments: Analytical results for Knife River-Morse Brothers.pdf

Here is the sampling data. It was in the 20 day report and not included with the checklist.

-----Original Message-----

From: CLARK Liz
Sent: Tuesday, September 22, 2009 3:32 PM
To: MCCOY Bob; DANA Kevin
Subject: RE: Emailing: Decomissioning 2861 morse bros-knife river

Bob, there was no sampling data with this one. Should I just assume Kevin has it and go ahead and terminate? Thanks, Liz

-----Original Message-----

From: MCCOY Bob
Sent: Tuesday, September 22, 2009 1:41 PM
To: DANA Kevin; CLARK Liz
Subject: Emailing: Decomissioning 2861 morse bros-knife river



State of Oregon
Department of
Environmental
Quality

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

SEP 02 2009

UNDERGROUND STORAGE TANK DECOMMISSIONING
CHECKLIST AND SITE ASSESSMENT REPORT

A. FACILITY INFORMATION:

This report **MUST** be submitted by the underground storage tank permittee or tank owner, or the licensed DEQ Service Provider on their behalf, **within 30 days following completion of the tank decommissioning or change-in-service regardless of ongoing cleanup work.**

DEQ FACILITY NUMBER: 2861
FACILITY NAME: Morse Bros. Inc (Knife River)
FACILITY ADDRESS: 1339 NW Eastwood Avenue, Gresham OR 97030
PERMITTEE PHONE: 541.928.6491 DATE: 7/14/09

B. WORK PERFORMED BY:

The checklist and site assessment report should be completed and signed by the DEQ licensed supervisor and signed by an executive officer of the DEQ licensed Service Provider on page 6. The tank owner or permittee must review and sign the report on page 6. **NOTE: AN OWNER OR PERMITTEE MAY PERFORM UST SERVICES ONLY IF THEY HAVE TAKEN AND PASSED THE APPROPRIATE UST SUPERVISOR EXAMINATION OFFERED BY A NATIONAL TESTING SERVICE (SEE OAR 340-150-0156 for requirements).**

DEQ Service Provider's License #: 14996 Construction Contractors Board License #: 118726
Name: Petroleum Constructors Inc.
Telephone: 503.722.0707
DEQ Decommissioning Supervisor's License #: 26687
Name: Adam Pond
Telephone: 503.722.0707
DEQ Soil Matrix Service Provider's License #: _____ (If applicable)
Name: _____
Telephone: _____
DEQ Soil Matrix Supervisor's License #: _____ (If applicable)
Name: _____
Telephone: _____

C. DATES:

Decommissioning/Change-in-Service Notice - Date Submitted: 6/30/09 (30 days before work starts).

Work Start Telephone Notice - Number issued by DEQ: 06.30.09 (3 working days before work starts).

DEQ Person Notified: Greg Toran (reverted to Bob McCoy as Greg was out of office)

Date Work Started: 7/3/09 Date Work Completed: 7/14/09

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

Date Contamination Reported: 07.03.09 By: email

DEQ Person Notified: Bob McCoy

D. OTHER DEQ PERMITS MAY BE NEEDED WHERE SOIL OR WATER CLEANUP IS REQUIRED.

DEQ Water Discharge Permit #: _____ Date: _____

Water Disposed to (Location): _____

DEQ Solid Waste Disposal Permit #: _____ Date: _____

Soil Disposal or Treatment Location: _____

E. TANK INFORMATION:

TANK ID #	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRODUCT: GASOLINE, DIESEL, USED OIL, OTHER?		CLOSURE OR CHANGE-IN-SERVICE?			TANK TO BE REPLACED?	
			PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE+	CHANGE IN SERVICE+	YES	NO
G	BCHCE	4K	Diesel		☒	☐	☐	☐	☒
H	BCHCF	4K	Diesel		☒	☐	☐	☐	☒
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐

NOTE 1: Where decommissioned tank(s) are replaced by new underground storage tanks the UST permittee must submit a *General Permit Registration Form to Install and Operate USTs* containing information on the new tanks 30 days before installing them.

NOTE 2: 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.

F. DISPOSAL INFORMATION:

TANK ID #	TANK AND PIPING DISPOSAL METHOD				DISPOSAL LOCATION OF TANK CONTENTS	
	SCRAP	LAND-FILL	OTHER	IDENTIFY LOCATION & PROPERTY OWNER	LIQUIDS	SLUDGES
G	☐	☐	☒	Max Hendrix	pumped by	
H	☐	☐	☒	Boring, OR	owner	
	☐	☐	☐	resalvage +		
	☐	☐	☐	recycle		
	☐	☐	☐			

NOTE 1: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ regional office for your area.

NOTE 2: Attach copies of the disposal receipts for the tanks and piping. If the tanks are shipped off-site for reuse provide the name, address and phone number of the person or business receiving the tanks for reuse.

NOTE 3: Attach copies of the disposal receipts for the disposal or treatment of liquid or sludge removed from the tanks

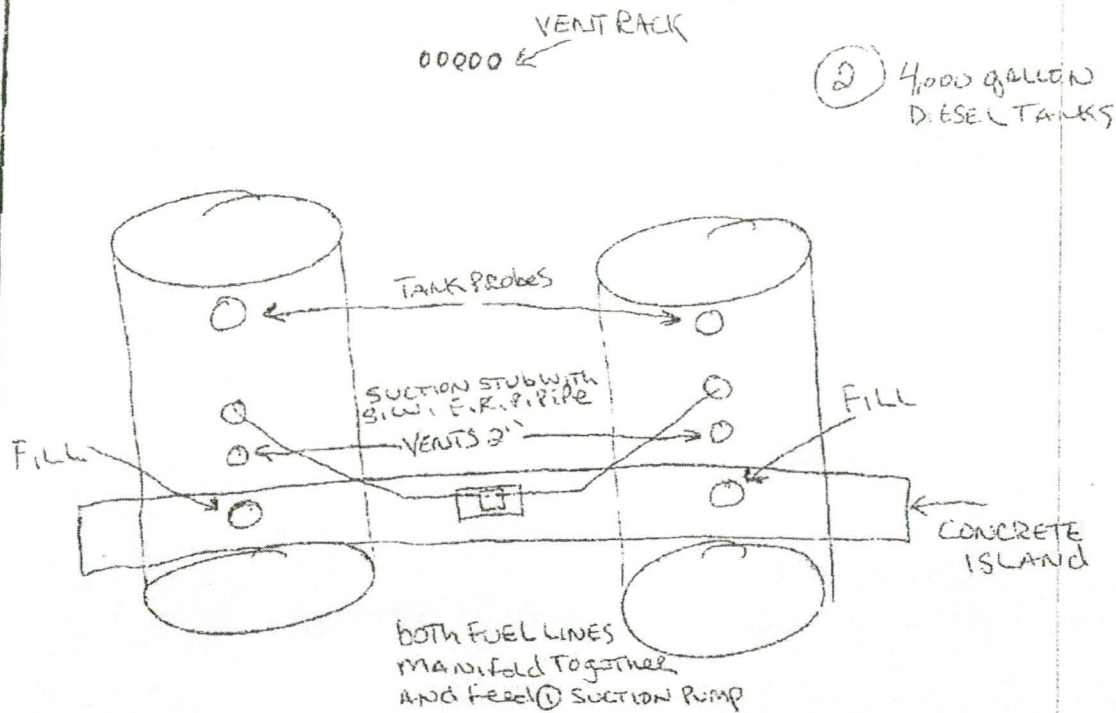
G. CONTAMINATION INFORMATION: *Addressed by CAESCO 503.492.0977*

TANK ID #	GROUND WATER IN PIT ?	PRODUCT ODOR IN SOIL ?	PRODUCT STAINS IN SOIL ?	NUMBER OF SAMPLES	LABORATORY (NAME, CITY, STATE, PHONE)
G	☐	☐	☐		
H	☐	☐	☐		
	☐	☐	☐		
	☐	☐	☐		
	☐	☐	☐		

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

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

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



I. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher: Type/Size: DryChem 15lb Recharge Date: 1/9/09
 Combustible Gas Detector: Model: GasTech Type GP-204 Calibration Date: 7/3/09
 Oxygen Analyzer: Model: _____ Calibration Date: _____

J. DECOMMISSIONING:

All Tanks: N/A = Not Applicable (Check (✓) Appropriate Box)	YES	NO	UNKNOWN	N/A
1. All electrical equipment grounded and explosion proof?	☒	☐	☐	☐
2. Safety equipment on job site?	☒	☐	☐	☐
3. Overhead electrical lines located?	☒	☐	☐	☐
4. Subsurface electrical lines off or disconnected?	☒	☐	☐	☐
5. Natural gas lines off or disconnected?	☒	☐	☐	☐
6. No open fires or smoking material in area?	☒	☐	☐	☐
7. Vehicle and pedestrian traffic controlled?	☒	☐	☐	☐
8. Excavation material area cleared?	☒	☐	☐	☐
9. Rainwater runoff directed to treatment area?	☐	☐	☐	☒
10. Drained and collected product from lines?	☒	☐	☐	☐
11. Removed product and residual from tank?	☒	☐	☐	☐
12. Cleaned tank?	☒	☐	☐	☐
13. Excavated to top of tank?	☒	☐	☐	☐
14. Removed tank fixtures? (pumps, leak detection equipment)	☒	☐	☐	☐
15. Removed product, fill and vent lines?	☒	☐	☐	☐

K. TANK ABANDONMENT IN-PLACE: N/A

All Tanks: N/A = Not Applicable (Check (✓) Appropriate Box)	YES	NO	UNKNOWN	N/A
16. Sampling plan approved by DEQ? Date: _____ DEQ Staff: _____	☐	☐	☐	☐
17. Contamination concerns fully resolved?	☐	☐	☐	☐
18. Fill Material? Type: _____	☐	☐	☐	☐

Petroleum Constructors Inc.

P.O. Box 325 Troutdale, OR 97060 ccb# 118728

Office 503.722.0707

Fax 503.722.0909

July 21, 2009

Mr. Mike House
Knife River – Gresham
1339 NW Eastwood Avenue
Gresham OR 97030

RE: Letter Report regarding Decommissioning of UST
at 1339 NW Eastwood Avenue, Gresham OR 97080

Dear Mr. House:

Petroleum Constructors Inc. is pleased to present this report of the completion of the decommissioning at your location. As you know, on July 3, 2009, Petroleum Constructors Inc. decommissioned two single wall steel underground storage tanks at your location. The tanks measured 76" x 17'. We believe that the tanks had a capacity of 4,000-gallons each. The tanks were situated side by side within the excavation. The tanks had roughly 5' of cover. Each tank had a 2" FRP Vent Line, Tank Probe, 5-gallon spill bucket and 2" single wall FRP product piping. Both tanks fed a single suction pump. The only check valve found was at the pump. The suction pump had no sump.

There was (1) fueling island that ran perpendicular to the tanks. Both spill buckets were poured in the fueling island. It appeared that something had hit the northwest corner of the fueling island, and in doing so, the plastic bellow on the spill bucket was damaged thus allowing fuel to leak out of the bucket when fuel drops were made. At the east end of the tanks, directly under the suction pump, there was obvious staining from either the pump, or pump maintenance.

During the removal of the tanks, we excavated through surrounding fill material and native soils to a depth of roughly 11' – 12' below surface grade. There were indications of hydrocarbon affected soils within the excavation. Once impacted soils were encountered, and a Soil Matrix Licensed Supervisor was required, we contacted Construction and Environmental Services Company (CAESCO) to provide additional services needed due to the petroleum impacted spoils. All excavated soils, including native soil, was placed on plastic sheeting and covered for future disposal.

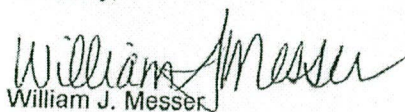
Petroleum Constructors Inc. removed (2) single wall steel underground storage tanks. The tanks were provided to Max Hendrix in Boring OR for resale and recycle. The tanks had been pumped free of product by owner prior to our arrival.

Upon the removal of the tanks, and the completion of sampling, the excavation was back-filled using ¾" crushed rock. The fill material was placed and compacted prior to leaving the site.

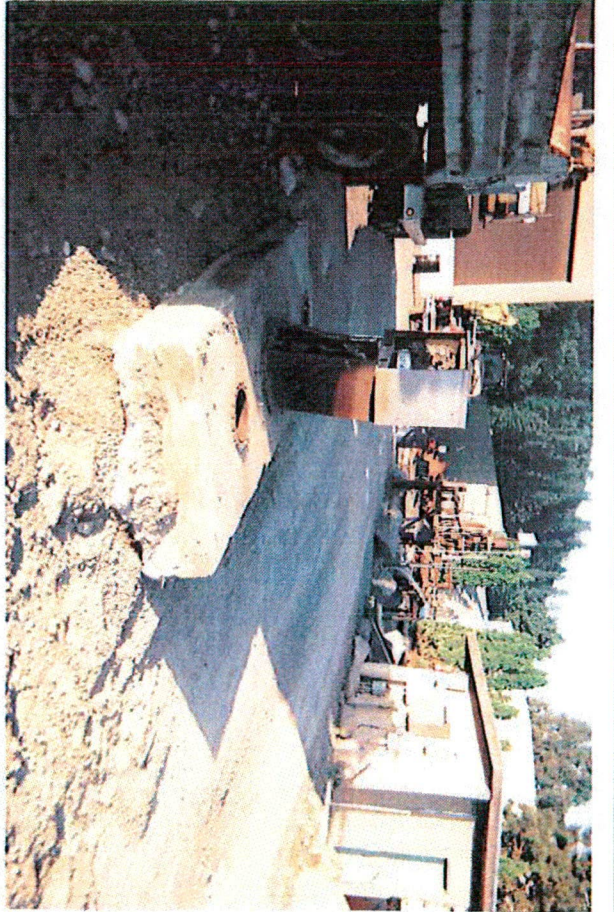
Pictures were taken and have been provided along with this letter report.

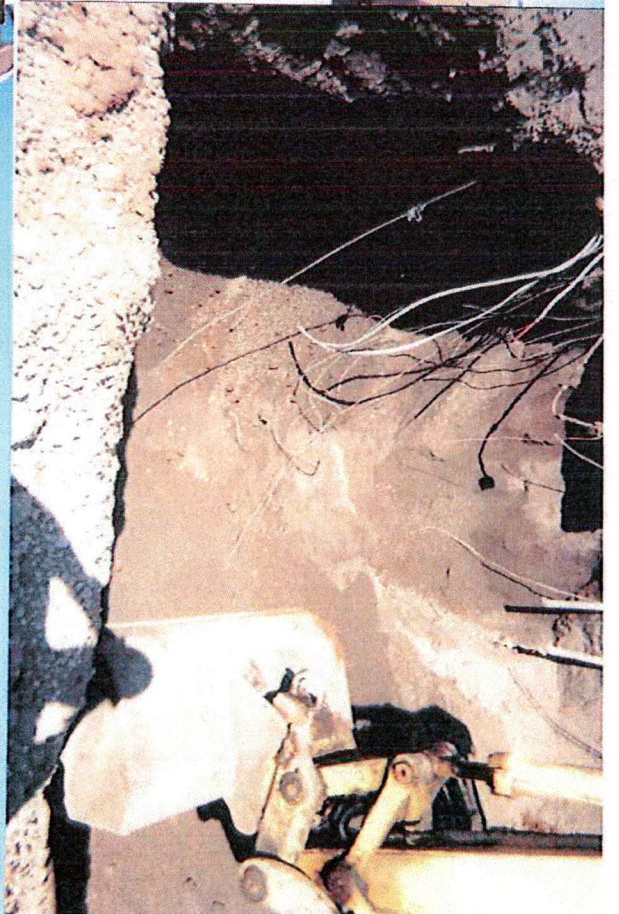
If you have any questions or we can be of any further assistance, don't hesitate to contact our office at 503.722.0707.

Sincerely,


William J. Messer

Petroleum Constructors Inc.





Petroleum Constructors Inc.

P.O. Box 525 Troutdale, OR 97060

OOB# 118726

Office 503.722.0707

Fax 503.722.0909

Tank Receipt

The tank(s) described below has been used as an Underground Storage Tank (UST) for petroleum hydrocarbons:

TANK DESCRIPTION: (2) 4,000-gallon steel USTs
ORIGINAL OWNER: Morse Bros. Inc. (Knife River)
TANK LOCATION: 1839 NW Eastwood Avenue
Gresham OR 97030
TANK CONTENTS: diesel
DATE OF REMOVAL: 07.03.09

The following precautions should be observed:

TANK HAS CONTAINED PETROLEUM HYDROCARBONS
NOT VAPOR FREE
NOT SUITABLE FOR STORAGE OF FOOD OR LIQUIDS INTENDED FOR HUMAN OR ANIMAL CONSUMPTION

I have been informed that the above described tank has been used as a part of a petroleum UST system and precautions should be observed regarding the use of said tank(s). I agree to accept full liability regarding the tank(s).

SIGNATURE: Max Hendrix Date: 07/20/09
PRINT NAME: MAX Hendrix
PROPOSED USE: Recovery and Recycle
USE LOCATION: Scrap

DANA Kevin

From: MCCOY Bob
Sent: Monday, July 27, 2009 1:35 PM
To: DANA Kevin
Cc: TORAN Greg; ROBERTSON Bill
Subject: RE: Knife River - Gresham - Facility ID 2861 & 26-09-0606

I spoke with Jeff Steyaert this morning. He is the environmental guy for Morse brothers. He says has a consultant who is a licensed geologist.

He may be good enough to pull it off, or not. We'll just have to see.

From: DANA Kevin
Sent: Monday, July 27, 2009 1:33 PM
To: MCCOY Bob
Cc: TORAN Greg; DANA Kevin; ROBERTSON Bill
Subject: RE: Knife River - Gresham - Facility ID 2861 & 26-09-0606

Legal, yes. Recommended? No.

Basically anybody can compile information about a site, write a little narrative, provide us with maps, etc. Where Jeff could get in trouble is if he engages in the "public practice of geology" without being a registered geologist. That would happen if he does any geological interpretations, like "the soil appears to be tight silt and clay, so the contamination is unlikely to migrate very far." That wouldn't violate any of our rules, but the Board that certifies geologists wouldn't be very happy.

Also, of course, it's just more likely that he won't provide us with everything we need and will have to go back and do more, because he's presumably not as familiar with our requirements as a professional contractor would be.

Kevin

From: MCCOY Bob
Sent: Monday, July 27, 2009 10:10 AM
To: TORAN Greg
Cc: DANA Kevin
Subject: RE: Knife River - Gresham - Facility ID 2861 & 26-09-0606

On page four of the pdf, the comments indicate that Morse Brothers environmental person Jeff Steyaert will be writing the report to close.

Is that legal?

From: TORAN Greg
Sent: Monday, July 13, 2009 1:51 PM
To: 'LEMESSER@aol.com'
Cc: DANA Kevin; MCCOY Bob
Subject: RE: Knife River - Gresham - Facility ID 2861 & 26-09-0606

"Also, just so you are in the loop, apparently the client wants to be write whatever report that is required regarding the contamination."

Whatcha mean by this Laurie?

Greg Toran

From: LMESSER@aol.com [mailto:LMESSER@aol.com]

Sent: July 13, 2009 12:50 PM

To: MCCOY Bob

Cc: TORAN Greg

Subject: Knife River - Gresham - Facility ID 2861

Good afternoon.

As you know, once contamination was encountered, we handed off to Kathleen with CAESCO. Kathleen has taken samples, has clean results, so we are backfilling. Also, just so you are in the loop, apparently the client wants to be write whatever report that is required regarding the contamination. So, just wanted to let you know that we will be backfilling the hole tomorrow morning.

Enjoy the day.

Laurie

An Excellent Credit Score is 750. See Yours in Just 2 Easy Steps!

DANA Kevin

From: MCCOY Bob
Sent: Monday, July 27, 2009 10:10 AM
To: TORAN Greg
Cc: DANA Kevin
Subject: RE: Knife River - Gresham - Facility ID 2861 & 26-09-0606
Attachments: Morse brothers site 2861 20 day report.pdf

On page four of the pdf, the comments indicate that Morse Brothers environmental person Jeff Steyaert will be writing the report to close.

Is that legal?

From: TORAN Greg
Sent: Monday, July 13, 2009 1:51 PM
To: 'LEMESSER@aol.com'
Cc: DANA Kevin; MCCOY Bob
Subject: RE: Knife River - Gresham - Facility ID 2861 & 26-09-0606

"Also, just so you are in the loop, apparently the client wants to be write whatever report that is required regarding the contamination."

Whatcha mean by this Laurie?

Greg Toran

From: LEMESSER@aol.com [mailto:LEMESSER@aol.com]
Sent: July 13, 2009 12:50 PM
To: MCCOY Bob
Cc: TORAN Greg
Subject: Knife River - Gresham - Facility ID 2861

Good afternoon.

As you know, once contamination was encountered, we handed off to Kathleen with CAESCO. Kathleen has taken samples, has clean results, so we are backfilling. Also, just so you are in the loop, apparently the client wants to be write whatever report that is required regarding the contamination. So, just wanted to let you know that we will be backfilling the hole tomorrow morning.

Enjoy the day.

Laurie

An Excellent Credit Score is 750. See Yours in Just 2 Easy Steps!

2841

C.A.E.S.CO., INC. FAX

DATE: 07-24-09

FROM: Kay Thompson

TIME:

COMPANY: Construction & Environmental Services Co.
P.O. Box 430

NO. OF PAGES: 10

Fairview, OR 97024

ATTN: LUST Supervisor

FAX #: (503) 665-0348

COMPANY: DEQ

PHONE: (503) 492-0977

FAX #: 503-229-6945

EMAIL: caescolnc@aol.com

REF: 20 Day Report

Enclosed is our 20 day report and lab analysis.

Respectfully Submitted,

Kay Thompson
CAESCO, Inc.*An Oregon Corporation since 1996*

CCB #119045

WBE/DBE/ESB #1248

DEQ Decommission license #14711

DEQ Soil Matrix License #14712

DEQ Service Provider License #15011

DEQ Soil Matrix Cleanup Provider License #15012

2891



State of Oregon
Department of
Environmental
Quality

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY UNDERGROUND STORAGE TANK PROGRAM

Initial (Twenty Day) Report Form for UST Cleanup Projects

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

DEQ USTC File No. 26-09-0606

DEQ Facility ID No. 1407 2841

Site Name: Morse Bros. Inc.

Site Address: 1339 NW Eastwood Ave., Gresham, OR 97030

INITIAL CLEANUP INFORMATION

(1) Type of contamination (check ☒ all that apply):

☐ Gasoline ☒ Diesel ☐ Waste Oil ☐ Heating Oil
☐ Other (specify) _____

(2) Estimate quantity of release (based on information known to date -- select only one):

☒ <100 gal. ☐ 100-499 gal. ☐ 500-999 gal. ☐ 1,000-5,000 gal. ☐ >5,000 gal.

SITE INFORMATION (check ☒ yes or ☒ no)

(3) ☐ Y ☒ N Did any water enter the excavation? If yes, please describe and identify the depth to groundwater in feet below ground surface: _____

(4) ☐ Y ☒ N Was a sheen or odor observed on any water in the excavation?

Note: If groundwater is encountered, soil samples from the soil/water interface must be collected and analyzed for BTEX and by the appropriate TPH method.

At sites where diesel or other non-gasoline products have been released, the water may also have to be screened or tested for polynuclear aromatic hydrocarbons (PAHs). Please refer to OAR 340-122-0218.

(5) ☐ Y ☒ N Was water pumped from the excavation?

☐ Y ☐ N If yes, did groundwater recharge within 24 hours after pumping?

Please describe the pumping procedure and disposal option selected for the purged excavation water:

(6) ☐ Y ☒ N Were any water samples collected from the excavation? If yes, please describe:

(7) ☒ Y ☐ N Have any soil and/or water sample results been received at this time?
If so, please attach any lab reports.

Initial (Twenty Day) Report Form for UST Cleanup Projects

IF GROUNDWATER HAS BEEN ENCOUNTERED, PLEASE ANSWER QUESTIONS #8-13, BELOW.
IF NO WATER HAS BEEN ENCOUNTERED, PLEASE SKIP TO QUESTION #14

(8) What are the known uses of groundwater within a 500-foot radius of the release site (check ☒ all that apply)?

☐ non-use ☐ industrial ☐ agricultural ☐ drinking supply

(9) If groundwater in this area is being used as a drinking water supply, please check ☒ the type and size of population served by the supply:

☐ Community (community well used for drinking water year round – • select only one)

size: ☐ <1,000 people ☐ 1,000 - 5,000 people ☐ >5,000 people

☐ Intermittent use (public water used for drinking water only on a part-time basis – • select only one)

size: ☐ <50 people ☐ 50 - 300 people ☐ > 300 people

☐ Private wells (individual private well or wells used for drinking water – • select only one)

size: ☐ <10 people ☐ 10 - 25 people ☐ >25 people

(10) ☐ Y ☐ N Is there any evidence this water supply has been or is likely to be impacted from the petroleum product release? If yes, estimate how difficult it would be to replace the existing supply:

☐ bottled water is the only alternative

☐ on-site water treatment; bulk water delivery; new wells are available

☐ able to connect to existing water supply

☐ do not know what alternatives would be available

(11) ☐ Y ☐ N Are/were vapors present in on-site or nearby buildings? If yes:

A. Are you monitoring and/or mitigating any potential fire and safety hazards posed by vapors and free product? Explain:

B. Estimate the number of people potentially affected by vapors – • select only one:

☐ 1-2 people ☐ 3-10 people ☐ >10 people

(12) ☐ Y ☐ N Are vapors or is petroleum contamination present in the utility corridors?

If yes, please explain:

(13) ☐ Y ☐ N Are natural areas located within 1/4 mile of the site? If so, please describe types (parks, rivers, wetlands, sensitive habitats, etc.) and proximity:

(14) ☒ Y ☐ N If groundwater was not encountered in the excavation, do you believe that this cleanup project can be conducted under the requirements for an UST Cleanup Matrix site? If yes, then refer to OAR 340-122-0305 through 0360.

Initial (Twenty Day) Report Form for UST Cleanup Projects

AREA/SITE CONDITIONS:

- (15) Mean annual rainfall: ☐ <20 inches ☒ 20-45 inches ☐ >45 inches
- (16) Soil type(s) of the naturally occurring soils, not the backfill around the tank – • select only one:
- ☐ clays, compact tills, shales, and unfractured metamorphic and igneous rocks
- ☒ sandy loams, loamy sands, silty clays, clay loams, moderately permeable limestone, dolomite, sandstones, moderately fractured igneous and metamorphic rock
- ☐ fine and silty sands, sands and gravels, highly fractured igneous and metamorphic rock, permeable basalts and lavas, karst limestones and dolomites

SOIL MANAGEMENT

- (17) If soil sample results have been received:

☒ Y ☐ N

Will the level of contamination detected require removal of contaminated soil for treatment or disposal?

- (18) All contaminated soil temporarily stockpiled on-site prior to treatment or disposal must be contained within a bermed area, kept covered, and the entire area secured to prevent unauthorized access by the public. If you haven't done this, please explain why:

Soil is being disposed of by Morse Bros. directly. It is not know if soils have been hauled off site at this time. This site should be able to close under Soil Matrix Guidelines however Morse Bros. environmental person; Jeff Steyaert @ 541-968-1898 has conveyed to CAESCO that he will be handling the report to close. UST decommissioning was performed by Petroleum Constructors and CAESCO was called in upon discovery of PCS.

Note: It is a violation to stockpile petroleum contaminated soil (PCS) on-site for greater than 30 days without a DEQ Solid Waste Letter Authorization (SWLA) Permit.

- (19) If contaminated soil is currently stockpiled on-site, please indicate when disposal will occur or when treatment will begin: _____
- (20) Estimated volume of contaminated soil (specify tons or cubic yards): 100 tons
- (21) Intended disposition of soils (please • select only one):
- ☐ On-site/off-site treatment, Solid Waste Letter Authorization Permit Application attached.
- ☐ Thermal treatment off-site at an authorized facility.
Facility name: _____
- ☒ Landfill disposal.
Name of Landfill: Hillsboro Landfill B

Note: Please attach additional information as necessary to explain any unusual circumstances associated with this project.

Initial (Twenty Day) Report Form for UST Cleanup Projects

This initial report is intended to provide the Department with the basic initial information about activities associated with the release. Future reports should provide a more detailed and complete picture of the cleanup project.

Please be aware that a DEQ permit/authorization is required for the following activities:

- 1) Soil aeration, bioremediation (on-site or off-site), or on-site thermal treatment.
- 2) Water discharges to a stream/storm drain from the excavation or treatment tank.

If these activities will be included in your cleanup project, contact the regional DEQ office for the appropriate application forms, information on permit fees and guidance documents.

THIS REPORT WAS PREPARED BY:

Individual: Kay Thompson Date: 7/24/09
Company: Const. & Environ. Sves. Co., Inc. Phone: 503-492-0977
Address: 4560 S.E. 282nd Ave.
City: Gresham State OR Zip 97080

1. Please return this form to the regional office in which the site is located.
If you have questions, call the contact person in your regional office.
2. For all tanks, except heating oil tanks, you must submit an *UST Decommissioning Checklist and Site Assessment Report* to the appropriate regional office within 30 days of the UST decommissioning.
Failure to do so can result in delays to your project and may result in continued billing for the annual tank permit fees.
3. Addresses and phone numbers for the regional offices can be found in the *UST Cleanup Manual* or viewed and downloaded from this DEQ Webpage:
<http://www.deq.state.or.us/about/locations.htm>
4. Copies of the *UST Cleanup Manual* and other UST program forms and checklists can be viewed and downloaded from DEQ's Website:
<http://www.deq.state.or.us/lq/tanks/ust/index.htm>
or in the Portland area by calling Steve Paiko at 503-229-6652
or outside the Portland area leaving a message on the UST Help Line (toll-free in Oregon) at 1-800-742-7878

KEEP A COPY OF THIS REPORT FOR YOUR FACILITY RECORDS

Wy'East

Environmental Sciences, Inc.
2415 SE 11th Ave. Portland Oregon 97214

CHAIN OF CUSTODY

Report Number

73957

CAESCO INC & AOC

Phone(503) 231-9320 FAX(503) 231-9344

Company CAESCO		Phone 503-492-0977										Comments	
Project # 909		FAX 503-665-0348											
Project Name KAUFE RIVER		Purchase Order #											
Site 1339 NW EASTWOOD AVE		Report Attention Kay		Collected By Kay T									
Samples: Temperature 5.1 On Ice? ☒ Yes ☐ No		Turnaround Time: ☒ Regular ☐ 3-5 Business Days										Analysis Requested	
LAB ID	Field ID	Sampling Date	Sampling Time	Matrix	Container	Volume	NW-TPH-DX	NW-TPH-GX	NW-TPH-HCID	EPA 8021B (BTEX)	EPA 8270 SIM (PAH)		EPA 8260B
Z7904	1-W	7-6-09	9:15	Sal	JAR	4.2			✓				
Z7905	1-SW		9:24						✓				
Z7906	1-E		9:30						✓				
Z7907	2-W		9:36						✓				
Z7908	2-NW		9:40						✓				
Z7909	2-E		9:45						✓				
Z7910	SP		9:00						✓				
Relinquished by Kay Thompson		Affiliation CAESCO		Date 7-6-09		Time		Received by en		Affiliation			Date 7/6/09
Relinquished by		Affiliation		Date		Time		Received by		Affiliation		Date	Time

WyEast

WyEast Environmental Sciences, Inc.

Laboratory Report

CAESCO4560 SE 282nd Ave.
Gresham, OR 97081Report Number: 73957
Report Date: 7/7/09Project Name: 909
Project Location: Knife River
Project Number: 1339 NW Eastwood Ave
Date Sampled: 7/6/09
Date received: 7/6/09**NWTPH-HCID**

Analyte: Petroleum Hydrocarbon Identification in soil

Field ID	Lab ID	Gasoline	Diesel	Oil	% Surr Recovery	QC
1-W	Z7904	ND	ND	ND	81%	H090706-1
1-SW	Z7905	ND	Detected	ND	80%	H090706-1
1-E	Z7906	ND	Detected	ND	94%	H090706-1
2-W	Z7907	ND	ND	ND	79%	H090706-1
2-NW	Z7908	ND	ND	ND	76%	H090706-1
2-E	Z7909	ND	Detected	ND	81%	H090706-1
SP	Z7910	ND	Detected	ND	114%	H090706-1

Reporting Limit (mg/Kg)	--	20	50	100	--
-------------------------	----	----	----	-----	----

Results relate only to samples

This report shall not be reproduced, except in full, without the written approval of WyEast Environmental Sciences, Inc.

WyEast

WyEast Environmental Sciences, Inc.

LABORATORY REPORT

CAESCO

4560 SE 282nd Ave.

Gresham, OR 97081

SITE NAME: Knife River
SITE LOCATION: 1339 NW Eastwood Ave
PROJECT NUMBER: 909

REPORT NUMBER: 73957
REPORT DATE: 7/8/09

NW-TPHDx

Analytes: Total Diesel and Heavy Oil range petroleum in Soil

Field ID	LAB ID	Diesel (mg/Kg)	Heavy Oil (mg/Kg)	Surrogate Recovery (%)	AB	PB	Sampling Date
1-SW	Z7905	275	ND	93%	68FFL90707-1	D090707-1	7/6/2009
1-E	Z7906	4040	ND	103%	68FFL90707-1	D090707-1	7/6/2009
2-E	Z7909	279	ND	103%	68FFL90707-1	D090707-1	7/6/2009
SP	Z7910	7390	ND	*	68FFL90707-1	D090707-1	7/6/2009

Reporting Limit: -- 25 100

Surrogate is 1-ChloroOctadecane

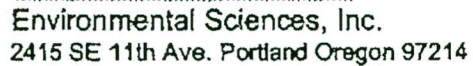
*Surrogate Peak Obscured by Matrix Interference

Results relate only to samples

This report shall not be reproduced, except in full, without the written approval of WyEast Environmental Sciences, Inc.

Chemist Initials:

C.Y. Chan



74003

Report Number_

74003

Phone(503) 231-9320 FAX(503) 231-9344

[illegible]

WyEast

WyEast Environmental Sciences, Inc.

LABORATORY REPORT

CAESCO
4560 SE 282nd Ave.
Gresham, OR 97081

SITE NAME: Knife River/ Morse Bros
SITE LOCATION: 1339 NW Eastwood Ave
PROJECT NUMBER: 909

REPORT NUMBER: 74003
REPORT DATE: 7/10/09

NW-TPHDx**Analytes: Total Diesel and Heavy Oil range petroleum in Soil**

Field ID	LAB ID	Diesel (mg/Kg)	Heavy Oil (mg/Kg)	Surrogate Recovery (%)	AB	PB	Sampling Date
1-E @ 18'	Z8035	ND	ND	87%	68FFL90709-1	D090709-1	7/9/2009

Reporting Limit: -- 25 100

Surrogate is 1-ChloroOctadecane

Results relate only to samples

This report shall not be reproduced, except in full, without the written approval of WyEast Environmental Sciences, Inc.

Chemist Initials:

cy Chan



State of Oregon
Department of
Environmental
Quality

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM



Initial (Twenty Day) Report Form for UST Cleanup Projects

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

DEQ USTC File No. 26-09-0606
DEQ Facility ID No. 1407
Site Name: Morse Bros. Inc.
Site Address: 1339 NW Eastwood Avenue, Gresham, Oregon 97030

INITIAL CLEANUP INFORMATION

(1) Type of contamination (check ☒ all that apply):

☐ Gasoline ☒ Diesel ☐ Waste Oil ☐ Heating Oil
☐ Other (specify) _____

(2) Estimate quantity of release (based on information known to date – • select only one):

☒ <100 gal. ☐ 100-499 gal. ☐ 500-999 gal. ☐ 1,000-5,000 gal. ☐ >5,000 gal.

SITE INFORMATION (check ☒ yes or ☒ no)

(3) ☐ Y ☒ N Did any water enter the excavation? If yes, please describe and identify the depth to groundwater in feet below ground surface: _____

(4) ☐ Y ☒ N Was a sheen or odor observed on any water in the excavation?

Note: If groundwater is encountered, soil samples from the soil/water interface must be collected and analyzed for BTEX and by the appropriate TPH method.

At sites where diesel or other non-gasoline products have been released, the water may also have to be screened or tested for polynuclear aromatic hydrocarbons (PAHs). Please refer to OAR 340-122-0218.

(5) ☐ Y ☒ N Was water pumped from the excavation?

☐ Y ☒ N If yes, did groundwater recharge within 24 hours after pumping?

Please describe the pumping procedure and disposal option selected for the purged excavation water:

(6) ☐ Y ☒ N Were any water samples collected from the excavation? If yes, please describe: _____

(7) ☒ Y ☐ N Have any soil and/or water sample results been received at this time?
If so, please attach any lab reports.

IF GROUNDWATER HAS BEEN ENCOUNTERED, PLEASE ANSWER QUESTIONS #8-13, BELOW.

IF NO WATER HAS BEEN ENCOUNTERED, PLEASE SKIP TO QUESTION #14

- (8) What are the known uses of groundwater within a 500-foot radius of the release site (check ☒ all that apply)?

☐

non-use

☐

industrial

☐

agricultural

☐

drinking supply

- (9) If groundwater in this area is being used as a drinking water supply, please check ☒ the type and size of population served by the supply:

☐

Community (community well used for drinking water year round – • select only one)

size:

☐

<1,000 people

☐

1,000 - 5,000 people

☐

>5,000 people

☐

Intermittent use (public water used for drinking water only on a part-time basis – • select only one)

size:

☐

<50 people

☐

50 - 300 people

☐

> 300 people

☐

Private wells (individual private well or wells used for drinking water – • select only one)

size:

☐

<10 people

☐

10 - 25 people

☐

>25 people

- (10) ☐ Y ☐ N Is there any evidence this water supply has been or is likely to be impacted from the petroleum product release? If yes, estimate how difficult it would be to replace the existing supply:

☐

bottled water is the only alternative

☐

on-site water treatment; bulk water delivery; new wells are available

☐

able to connect to existing water supply

☐

do not know what alternatives would be available

- (11) ☐ Y ☐ N Are/were vapors present in on-site or nearby buildings? If yes:

A. Are you monitoring and/or mitigating any potential fire and safety hazards posed by vapors and free product? Explain:

B. Estimate the number of people potentially affected by vapors – • select only one:

☐

1-2 people

☐

3-10 people

☐

>10 people

- (12) ☐ Y ☐ N Are vapors or is petroleum contamination present in the utility corridors?

If yes, please explain:

- (13) ☐ Y ☐ N Are natural areas located within 1/4 mile of the site? If so, please describe types (parks, rivers, wetlands, sensitive habitats, etc.) and proximity:

- (14) ☒ Y ☐ N If groundwater was not encountered in the excavation, do you believe that this cleanup project can be conducted under the requirements for an UST Cleanup Matrix site? If yes, then refer to OAR 340-122-0305 through 0360.

AREA/SITE CONDITIONS:

- (15) Mean annual rainfall: ☐ <20 inches ☐ 20-45 inches ☒ >45 inches
- (16) Soil type(s) of the naturally occurring soils, not the backfill around the tank – • select only one:
- ☐ clays, compact tills, shales, and unfractured metamorphic and igneous rocks
- ☐ sandy loams, loamy sands, silty clays, clay loams, moderately permeable limestone, dolomite, sandstones, moderately fractured igneous and metamorphic rock
- ☒ fine and silty sands, sands and gravels, highly fractured igneous and metamorphic rock, permeable basalts and lavas, karst limestones and dolomites

SOIL MANAGEMENT

- (17) If soil sample results have been received:
☒ Y ☐ N Will the level of contamination detected require removal of contaminated soil for treatment or disposal?
- (18) All contaminated soil temporarily stockpiled on-site prior to treatment or disposal must be contained within a bermed area, kept covered, and the entire area secured to prevent unauthorized access by the public. If you haven't done this, please explain why:

Note: It is a violation to stockpile petroleum contaminated soil (PCS) on-site for greater than 30 days without a DEQ Solid Waste Letter Authorization (SWLA) Permit.

- (19) If contaminated soil is currently stockpiled on-site, please indicate when disposal will occur or when treatment will begin: 07/23/09-08/03/09
- (20) Estimated volume of contaminated soil (specify tons or cubic yards): 140 cubic yards
- (21) Intended disposition of soils (please • select only one):
- ☐ On-site/off-site treatment, Solid Waste Letter Authorization Permit Application attached.
- ☐ Thermal treatment off-site at an authorized facility.
 Facility name: _____
- ☒ Landfill disposal.
 Name of Landfill: Riverbend

Note: Please attach additional information as necessary to explain any unusual circumstances associated with this project.

This initial report is intended to provide the Department with the basic initial information about activities associated with the release. Future reports should provide a more detailed and complete picture of the cleanup project.

Please be aware that a DEQ permit/authorization is required for the following activities:

- 1) Soil aeration, bioremediation (on-site or off-site), or on-site thermal treatment.
- 2) Water discharges to a stream/storm drain from the excavation or treatment tank.

If these activities will be included in your cleanup project, contact the regional DEQ office for the appropriate application forms, information on permit fees and guidance documents.

THIS REPORT WAS PREPARED BY:

Individual: Tim Marshall

Date: 7/15/09

Company: Knife River

Phone: (541) 928-6491

Address: 32260 Old Highway 34

City: Tangent

State OR Zip 97389

1. Please return this form to the regional office in which the site is located.
If you have questions, call the contact person in your regional office.
2. For all tanks, except heating oil tanks, you must submit an *UST Decommissioning Checklist and Site Assessment Report* to the appropriate regional office within 30 days of the UST decommissioning.
Failure to do so can result in delays to your project and may result in continued billing for the annual tank permit fees.
3. Addresses and phone numbers for the regional offices can be found in the *UST Cleanup Manual* or viewed and downloaded from this DEQ Webpage:
<http://www.deq.state.or.us/about/locations.htm>
4. Copies of the *UST Cleanup Manual* and other UST program forms and checklists can be viewed and downloaded from DEQ's Website:
<http://www.deq.state.or.us/lq/tanks/ust/index.htm>
or in the Portland area by calling Steve Paiko at 503-229-6652

or outside the Portland area leaving a message on the
UST Help Line (toll-free in Oregon) at 1-800-742-7878

KEEP A COPY OF THIS REPORT FOR YOUR FACILITY RECORDS

Laboratory Report

CAESCO
4560 SE 282nd Ave.
Gresham, OR 97081

Report Number: 73957
Report Date: 7/7/09

Project Name: 909
Project Location: Knife River
Project Number: 1339 NW Eastwood Ave
Date Sampled: 7/6/09
Date received: 7/6/09

NWTPH-HCID

Analyte: Petroleum Hydrocarbon Identification in soil

Field ID	Lab ID	Gasoline	Diesel	Oil	% Surr Recovery	QC
1-W	Z7904	ND	ND	ND	81%	H090706-1
1-SW	Z7905	ND	Detected	ND	80%	H090706-1
1-E	Z7906	ND	Detected	ND	94%	H090706-1
2-W	Z7907	ND	ND	ND	79%	H090706-1
2-NW	Z7908	ND	ND	ND	76%	H090706-1
2-E	Z7909	ND	Detected	ND	81%	H090706-1
SP	Z7910	ND	Detected	ND	114%	H090706-1
Reporting Limit (mg/Kg)	--	20	50	100	--	

Results relate only to samples

This report shall not be reproduced, except in full, without the written approval of WyEast Environmental Sciences, Inc.

LABORATORY REPORT

CAESCO
4560 SE 282nd Ave.
Gresham, OR 97081

SITE NAME: Knife River
SITE LOCATION: 1339 NW Eastwood Ave
PROJECT NUMBER: 909

REPORT NUMBER: 73957
REPORT DATE: 7/8/09

NW-TPHDx

Analytes: Total Diesel and Heavy Oil range petroleum in Soil

Field ID	LAB ID	Diesel (mg/Kg)	Heavy Oil (mg/Kg)	Surrogate Recovery (%)	AB	PB	Sampling Date
1-SW	Z7905	275	ND	93%	68FFL90707-1	D090707-1	7/6/2009
1-E	Z7906	4040	ND	103%	68FFL90707-1	D090707-1	7/6/2009
2-E	Z7909	279	ND	103%	68FFL90707-1	D090707-1	7/6/2009
SP	Z7910	7390	ND	*	68FFL90707-1	D090707-1	7/6/2009

Reporting Limit: -- 25 100

Surrogate is 1-ChloroOctadecane

*Surrogate Peak Obscured by Matrix Interference

Results relate only to samples

This report shall not be reproduced, except in full, without the written approval of WyEast Environmental Sciences, Inc.

Chemist Initials:

C.Y. Chan

Quality Control for NWTPH-Dx

Batch Date:

7/7/2009

QC Blank Sample Number	PB	Diesel Result (mg/Kg)	Oil Result (mg/Kg)	Blank Control Limits Diesel (mg/Kg)	Blank Control Limits Oil (mg/Kg)	Surrogate Recovery	Blank Surrogate Control Limit (%)
SBLANK1	D090707-1	0	0	25	100	88%	50%-150%
SBLANK2	D090707-2	0	0	25	100	84%	50%-150%
SBLANK3	D090707-3	0	0	25	100	103%	50%-150%

QC LRB Sample Number	AB	Diesel Result (mg/Kg)	Oil Result (mg/Kg)	LRB Control Limit Diesel (mg/Kg)	LRB Control Limit Oil (mg/Kg)	Surrogate Recovery	LRB Surrogate Control Limit (%)
----------------------	----	-----------------------	--------------------	----------------------------------	-------------------------------	--------------------	---------------------------------

CCV Diesel Sample Number	Analytical Batch	Measured Concentration in extract (ug/mL)	Theoretical Concentration (ug/mL)	% Difference	CCV Control Limit (%)
DXCCV1	68FFL90707-1	521.90	500	4.38%	±20%
DXCCV2	68FFL90707-1	543.46	500	8.69%	±20%

CCV Oil Sample Number	Analytical Batch	Measured Concentration in Extract (ug/mL)	Theoretical Concentration in Extract (ug/mL)	% Difference	CCV Control Limit (%)
OILCCV1	68FFL90707-1	371.00	400	-7.25%	±20%
OILCCV2	68FFL90707-1	363.42	400	-9.15%	±20%

QC LCS Sample Number	PB	Diesel Result in Extract (ug/mL)	Theoretical Spike Concentration (ug/mL)	LCS Spike Recovery (%)	LCS Spike Control Limits (ug/mL)	Surrogate Recovery	LCS Surrogate Control Limits (%)
SLCS1	D090707-1	441.06	357.14	123%	±30%	120%	50%-150%
SLCS2	D090707-2	410.08	357.14	115%	±30%	105%	50%-150%
SLCS3	D090707-3	415.12	357.14	116%	±30%	97%	50%-150%

WyEast
Environmental Sciences, Inc.
2415 SE 11th Ave. Portland Oregon 97214

CHAIN OF CUSTODY

Report Number **173957**

Phone(503) 231-9320 FAX(503) 231-9344

Company CAESCO		Phone 503-492-0977														Comments
Project # 909		FAX 503-665-0348														
Project Name KAUFE RIVER		Purchase Order #														
Site 1339 NW EASTWOOD AVE		Report Attention Kay		Collected By Kay V												
Samples: Temperature 5.1 On Ice? ☒ Yes / No		Turnaround Time: ☒ Regular ☐ 3-5 Business Days														Analysis Requested
LAB ID	Field ID	Sampling Date	Sampling Time	Matrix	Container	Volume	NW-TPH-Dx	NW-TPH-GX	NW-TPH-HCID	EPA 8021B (BTEX)	EPA 8270 SIM (PAH)	EPA 8260B				
Z7904	1-W	7/6/09	9:15	Soil	JAR	402			✓							
Z7905	1-SW		9:24						✓							
Z7906	1-E		9:30						✓							
Z7907	2-W		9:36						✓							
Z7908	2-NW		9:40						✓							
Z7909	2-E		9:45						✓							
Z7910	SP		9:00						✓							
Relinquished by Kay Thompson		Affiliation CAESCO		Date 7/6/09		Time		Received by DN		Affiliation		Date 7/6/09		Time 3:50		
Relinquished by		Affiliation		Date		Time		Received by		Affiliation		Date		Time		

LABORATORY REPORT

CAESCO
4560 SE 282nd Ave.
Gresham, OR 97081

SITE NAME: Knife River/ Morse Bros
SITE LOCATION: 1339 NW Eastwood Ave
PROJECT NUMBER: 909

REPORT NUMBER: 74003
REPORT DATE: 7/10/09

NW-TPHDx

Analytes: Total Diesel and Heavy Oil range petroleum in Soil

Field ID	LAB ID	Diesel (mg/Kg)	Heavy Oil (mg/Kg)	Surrogate Recovery (%)	AB	PB	Sampling Date
1-E @ 18'	Z8035	ND	ND	87%	68FFL90709-1	D090709-1	7/9/2009
Reporting Limit:		--	25	100			

Surrogate is 1-ChloroOctadecane

Results relate only to samples

This report shall not be reproduced, except in full, without the written approval of WyEast Environmental Sciences, Inc.

Chemist Initials:

C.Y. Chan

Quality Control for NWTTPH-Dx

Batch Date:

7/9/2009

QC Blank Sample Number	PB	Diesel Result (mg/Kg)	Oil Result (mg/Kg)	Blank Control Limits Diesel (mg/Kg)	Blank Control Limits Oil (mg/Kg)	Surrogate Recovery	Blank Surrogate Control Limit (%)
SBLANK1	D090709-1	0	0	25	100	87%	50%-150%
WBLANK	D090709-1	0	0	25	100	91%	50%-150%
SBLANK2	D090709-2	0	0	25	100	107%	50%-150%

QC LRB Sample Number	AB	Diesel Result (mg/Kg)	Oil Result (mg/Kg)	LRB Control Limit Diesel (mg/Kg)	LRB Control Limit Oil (mg/Kg)	Surrogate Recovery	LRB Surrogate Control Limit (%)
----------------------	----	-----------------------	--------------------	----------------------------------	-------------------------------	--------------------	---------------------------------

CCV Diesel Sample Number	Analytical Batch	Measured Concentration in extract (ug/mL)	Theoretical Concentration (ug/mL)	% Difference	CCV Control Limit (%)
DXCCV1	68FFL90709-1	552.75	500	10.55%	±20%
DXCCV2	68FFL90709-1	426.60	500	-14.68%	±20%

CCV Oil Sample Number	Analytical Batch	Measured Concentration in Extract (ug/mL)	Theoretical Concentration in Extract (ug/mL)	% Difference	CCV Control Limit (%)
OILCCV1	68FFL90709-1	360.43	400	-9.89%	±20%
OILCCV2	68FFL90709-1	356.04	400	-10.99%	±20%

QC LCS Sample Number	PB	Diesel Result in Extract (ug/mL)	Theoretical Spike Concentration (ug/mL)	LCS Spike Recovery (%)	LCS Spike Control Limits (ug/mL)	Surrogate Recovery	LCS Surrogate Control Limits (%)
SLCS1	D090709-1	430.88	357.14	121%	±30%	103%	50%-150%
SLCS2	D090709-2	454.26	357.14	127%	±30%	138%	50%-150%



CHAIN OF CUSTODY

74003

Report Number_

74003

Phone(503) 231-9320 FAX(503) 231-9344

[illegible]

DANA Kevin

From: TORAN Greg
Sent: Monday, July 13, 2009 1:58 PM
To: 'LEMESSER@aol.com'
Cc: DANA Kevin
Subject: RE: Knife River - Gresham - Facility ID 2861 & 26-09-0606

Ok, the client will be writing the cleanup report, got it.

Greg Toran

From: LEMESSER@aol.com [mailto:LEMESSER@aol.com]
Sent: July 13, 2009 1:55 PM
To: TORAN Greg
Subject: Re: Knife River - Gresham - Facility ID 2861 & 26-09-0606

oops... take out the word "be"...

In a message dated 07/13/2009 1:50:53 P.M. Pacific Daylight Time, TORAN.Greg@deq.state.or.us writes:

"Also, just so you are in the loop, apparently the client wants to be write whatever report that is required regarding the contamination."

Whatcha mean by this Laurie?

Greg Toran

An Excellent Credit Score is 750. [See Yours in Just 2 Easy Steps!](#)

DANA Kevin

From: TORAN Greg
Sent: Monday, July 13, 2009 1:51 PM
To: 'LEMESSER@aol.com'
Cc: DANA Kevin; MCCOY Bob
Subject: RE: Knife River - Gresham - Facility ID 2861 & 26-09-0606

"Also, just so you are in the loop, apparently the client wants to be write whatever report that is required regarding the contamination."

Whatcha mean by this Laurie?

Greg Toran

From: LEMESSER@aol.com [mailto:LEMESSER@aol.com]
Sent: July 13, 2009 12:50 PM
To: MCCOY Bob
Cc: TORAN Greg
Subject: Knife River - Gresham - Facility ID 2861

Good afternoon.

As you know, once contamination was encountered, we handed off to Kathleen with CAESCO. Kathleen has taken samples, has clean results, so we are backfilling. Also, just so you are in the loop, apparently the client wants to be write whatever report that is required regarding the contamination. So, just wanted to let you know that we will be backfilling the hole tomorrow morning.

Enjoy the day.

Laurie

An Excellent Credit Score is 750. See Yours in Just 2 Easy Steps!



Oregon

Theodore R. Kulongoski, Governor

file
Department of Environmental Quality

Northwest Region Portland Office

2020 SW 4th Avenue, Suite 400

Portland, OR 97201-4987

(503) 229-5263

Fax: (503) 229-6945

TTY: (503) 229-5471

July 8, 2009

MIKE HOUSE
MORSE BROS INC
32260 OLD HIGHWAY 34
TANGENT OR 97389

RE: Morse Bros.
File No.: 26-09-0606

The Department of Environmental Quality (DEQ) received a report of an oil spill on July 8, 2009 from an underground storage tank (UST) system at your facility located at 1339 NW Eastwood Avenue in Gresham, Oregon. As the responsible party for the facility, Oregon law requires you to clean up the spill (see OAR 340-122-0201 through 340-122-0360). These rules require you to clean up the soil, groundwater, surface water and anything else contaminated by petroleum. The cleanup must meet the appropriate standards or demonstrate that the contamination does not pose a risk to human health or the environment.

You must complete the enclosed Initial Report Form for UST Cleanup Projects and send it to this office within twenty (20) days from the date the release was reported. I have also enclosed an outline of additional reporting requirements that includes due dates for submittals. You can request a copy of the UST Cleanup regulations or an application for a letter of authorization for soil treatment. As the responsible party, you should be aware of the requirements for cleanup, even if you have hired a qualified contractor or consultant to assist you.

Please reference the DEQ File Number listed above in all future correspondence and reports.

Oregon law requires DEQ to recover project oversight costs. DEQ oversight begins with the initial site characterization and continues through cleanup approval and site closure. Oversight includes the time spent on activities such as reviewing reports, preparing correspondence, answering technical questions, site inspections, and enforcement actions. **DEQ will send you an invoice each month for all oversight activities performed to date.**

DEQ considers sites that pose the greatest hazard to human health, safety and the environment the highest priority for oversight. As a result, DEQ will not review in detail many lower environmental priority sites or issue a final "No Further Action" or "closure" letter until the higher priority sites are addressed. However, all projects, simple or complex, require at least some oversight. At a minimum, DEQ reviews each site to determine the environmental priority of the cleanup project. Until DEQ closes this project this property will remain on a DEQ list of contaminated properties.



If you want DEQ oversight and approval regardless of environmental priority, you must sign a Responsible Party Priority Site Program agreement requesting priority review and confirming your agreement to pay DEQ oversight costs in a timely manner.

If you do not sign this agreement, you are still responsible for investigation and/or cleanup of the contamination, and for paying DEQ oversight costs. Please be aware that there may be a waiting list for assignment to the next available project manager, and that these projects are assigned on a first come, first served basis.

Please read the attached information on the cost recovery and invoice process. We also are enclosing information about the Responsible Party Priority Site Program and an agreement, if you are interested in expediting review of your project. Contact the DEQ Land Quality Division at (503) 229-6635 if you have questions about cost recovery.

Thank you for your cooperation and continued efforts to comply with the regulations. **If you have any questions about the regulations and/or your cleanup project, please call (503) 229-5263 and ask to speak to the Underground Storage Tank Duty Officer.**

Sincerely,

A handwritten signature in black ink, appearing to read "M. H. Korten".

Michael H. Korten, Manager
UST Cleanup and Compliance Section

Enclosures

PortlandMaps

[New Search](#) | [Mapping](#) | [Advanced](#) | [Google Earth](#) | [Help](#) | [PortlandOnline](#)

NO ADDRESS AVAILABLE - GRESHAM

[Explorer](#) | [Property](#) | **Maps** | [Crime](#) | [Census](#) | [Transportation](#)[Summary](#) | [Elevation](#) | [Garbage](#) | [Hazard](#) | [Natural Resources](#) | **Photo** | [Property](#) | [Water](#) | [Sewer](#) | [Tax Map](#) | [UGB](#) | [Watershed](#) | [Zip Code](#) | [Zoning](#)

Aerial Photo

2008 / '07 / '06 / '05 / '04 / '03 / '02 / '01

6" / 2' / 4' / 10' / 20'

Streets: **Off** Lots: **Off** Dot: **On**

0 |—————| 200 FT

City of Portland, Corporate GIS

7/6/2009

THE GIS APPLICATIONS ACCESSED THROUGH THIS WEB SITE PROVIDE A VISUAL DISPLAY OF DATA FOR YOUR CONVENIENCE. EVERY REASONABLE EFFORT HAS BEEN MADE TO ASSURE THE ACCURACY OF THE MAPS AND ASSOCIATED DATA. THE CITY OF PORTLAND MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, SEQUENCE, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE DATA PROVIDED HEREIN. THE USER OF THESE APPLICATIONS SHOULD NOT RELY ON THE DATA PROVIDED HEREIN FOR ANY REASON. THE CITY OF PORTLAND EXPLICITLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE CITY OF PORTLAND SHALL ASSUME NO LIABILITY FOR ANY ERRORS, OMISSIONS, OR INACCURACIES IN THE INFORMATION PROVIDED REGARDLESS OF HOW CAUSED. THE CITY OF PORTLAND SHALL ASSUME NO LIABILITY FOR ANY DECISIONS MADE OR ACTIONS TAKEN OR NOT TAKEN BY THE USER OF THE APPLICATIONS IN RELIANCE UPON ANY INFORMATION OR DATA FURNISHED HEREUNDER. FOR UPDATED INFORMATION ABOUT THE MAP DATA ON PORTLANDMAPS PLEASE REFER TO [CITY'S METADATA](#). FOR QUESTIONS ABOUT ASSESSMENT INFORMATION PLEASE CONTACT THE COUNTY ASSESSORS OFFICE IN YOUR COUNTY.

[Address](#) | [Mapping](#) | [Advanced](#) | [Google Earth](#) | [Help](#) | [About](#)PortlandMaps © 2009 [City of Portland, Oregon](#)

DANA Kevin

From: TORAN Greg
Sent: Monday, July 06, 2009 12:53 PM
To: DANA Kevin
Subject: FW: Facility ID 2861

fyi

Greg Toran

From: LEMESSER@aol.com [mailto:LEMESSER@aol.com]
Sent: July 03, 2009 10:39 AM
To: MCCOY Bob
Cc: TORAN Greg
Subject: Facility ID 2861

Good morning, Bob!

Just wanted to let you know that the guys encountered impacted soils. They are NOT backfilling. They have contacted Kay @ CAESCO and asked her to come out and do the sampling and take the lead on the environmental issue.

Wanted to keep you in the loop. Hope you had a safe and happy 4th.

Laurie

A Good Credit Score is 700 or Above. See yours in just 2 easy steps!

DANA Kevin

From: Oregon DEQ - Do not reply [OregonDEQ@deq.state.or.us]
Sent: Wednesday, July 01, 2009 3:32 PM
To: BAUMGARTNER Johnny; DANA Kevin; MCCOY Bob; TORAN Greg
Subject: 3 Day Notice for Decommissioning has been approved

A 3 Day Notice for Decommissioning has been approved for:
Facility: MORSE BROS. GRESHAM S&G(2861) in MULTNOMAH County.
Approved by: Bob McCoy
Supervisor: Adam Pond
Service Provider: Petroleum Constructors, Inc.
Work scheduled for: 07/03/2009
3 Day Confirmation #: 26-3D-09-018
Comments: