



BURLINGTON ENVIRONMENTAL

DEPARTMENT OF ECOLOGY
NWRO/TCP TANK UNIT
3134

INTERIM CLEANUP REPORT
 SITE CHARACTERIZATION
 FINAL CLEANUP REPORT
 OTHER _____
 AFFECTED MEDIA: SOIL
 OTHER _____ GW
 INSPECTOR (INIT.) WJ DATE 12-8-92

V2
007563

April 24, 1992

DEPARTMENT OF ECOLOGY
UNDERGROUND STORAGE TANKS

JUN 18 1992

Closure/Assessment Report
Washington State Military
Kent, WA

On March 4, 1992 an underground storage tank was excavated from the Army National Guard property at 24410 Military Rd. in Kent. The tank was a 1,000 gallon fuel oil and not a 500 gallon tank as first thought. The tank had numerous holes in the bottom. The excavation was badly stained and had visible raw product seeping from the excavation walls.

The tank was cleaned and disposed of as scrap metal. Residual fuel and rinsate were transported to BEI's Kent facility for treatment and disposal.

The site was over excavated as far as was possible without endangering a city street or the National Guard building (approximately 200 cubic yards). Samples of each side and bottom were taken. All of the samples, with exception of the north wall, were above state limits. The west wall was the worst with a reading of 8,500 ppm. It was decided a limited site characterization should be performed to determine the extent of the contamination.

The site characterization consisted of drilling five sample borings using split-spoon sampling every two feet to a depth where no visible or field detectable contamination could be found. The boring in the center of the excavation went down to around 37'. An analysis of the soil at that depth confirmed our field tests. An attempt to bore down through the floor in the boiler room to the east was thwarted by a lens of rocks at 4' which stopped our hand boring tool. A boring was put in on the east side of the building as close to the excavation as possible. The analysis of this boring showed low levels of TPH contamination that were well below clean-up levels. A boring was placed North of the excavation. Analysis again indicated low levels below clean-up standards.

The South boring went through about 10' of stained soil from approximately six feet to sixteen feet. Another boring was put in about 20' south of that point to better define the extent of the plume. That boring appears to be clean. BEI is awaiting analysis. Additional site characterization and remediation are being planned.





UNDERGROUND STORAGE TANK Permanent Closure/Change-In-Service Checklist

The purpose of this form is to certify the proper closure/change-in-service of underground storage tank (UST) systems. These activities must be conducted in accordance with Chapter 173.360 WAC. Washington State UST rules require the tank owner or operator to notify Ecology in writing 30 days prior to closure or change-in-service of tanks. This must be done by completing the 30 Day Notice form (ECY 010-155).

This Permanent Closure Checklist shall be completed and signed by a Licensed Decommissioning Supervisor. The supervisor shall be on site when all tank permanent closure/change-in-service activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider. If any of the activities listed below have been supervised by a different licensed supervisor, a separate checklist must be filled out and signed by the licensed supervisor performing those activities.

For further information about completing this form, please contact the Department of Ecology UST Program.

A separate checklist must be completed for each UST system (tank and associated piping), except that UST systems at one site may be reported together by completing page 2 of this form separately for each system. The completed checklist should be mailed to the following address within 30 days of the completion of the closure or change-in-service.

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: Washington State Military

Address: Camp Murray, Bldg 33
Street
Tacoma, WA 98430-5000
City State P.O. Box ZIP-Code

Telephone: (206) 581-8466

Site ID Number (on invoice or available from Ecology if tank is registered): WA065 007563

Site/Business Name: Army National Guard Armory

Site Address: 24410 Military Rd.
Street
Kent, WA 98032
City State ZIP-Code

2. TANK PERMANENT CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Firm: Burlington Environmental License Number: S000235

Address: 7440 W. Marginal Way S.
Street
Seattle, WA 98108
City State ZIP-Code

Phone: (206) 767 - 0441

Licensed Supervisor: Jerome P. Olson Decommissioning License Number: W000163

This page must be completed separately for each tank permanently closed (decommissioned) or change-in-service at the site. For additional tanks you may photocopy this form prior to completing.

3. TANK CLOSURE/CHANGE-IN-SERVICE INFORMATION

1. Tank ID Number (as registered with Ecology) K-1-A 2. Year installed Unknown

3. Tank capacity in gallons 1000 4. Date of last use 1992

5. Last substance stored: Fuel Oil 6. Date of closure/change in service

7. Type of closure: Closure with Tank Removal In-place Closure Change-in-Service

8. If in-place closure is used, the tank has been filled with the following substance

9. If change-in-service, indicate new substance stored in tank

10. Local permit(s) (if any) obtained from: Kent Fire Dept.
Always contact local authorities regarding permit requirements.

11. Has a site assessment been completed? Yes See Narrative No

Unless an external release detection system is operating at the time of closure or change in service, and a report is provided as specified in WAC 173-360-390, a site assessment must be conducted. This site assessment must be conducted by a person registered with the Department of Ecology to perform site assessments. Results of the site assessment must be included with the Site Assessment Checklist (ECY 010-158).

4. CHECKLIST

Each item of the following checklist shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has all liquid been removed from product lines?	OO		
2. Has all product piping been capped or removed?	OO		
3. Have all non-product lines been capped or removed?	OO		
4. Have all liquid and accumulated sludges been removed from the tank?	OO		
5. Has the tank been properly purged or inerted?	OO		
6. Have the drop tube, fill pipe, gauge pipe, pumps and other tank fixtures been removed?	OO		
7. Have all tank openings been plugged or capped? NOTE: One plug should have 1/8 inch vent hole.	OO		
8. Have all sludges removed from the tank been designated and disposed of in accordance with the state of Washington's dangerous waste regulations (Chapter 173-303 WAC)?	OO		
9. If removed, was tank properly labeled and disposed of in accordance with all applicable local, state and federal regulations?	OO		

*Item not applicable

I hereby certify that I have been the licensed supervisor present on site during the above listed permanent closure activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

4-21-92

Date

Jerome P. Olson
 Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

4-21-92

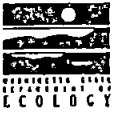
Date

Jerome P. Olson
 Signature of Licensed Service Provider (firm) Owner or Authorized Representative

21 April 92

Date

Stephen W. Arnold
 Signature of Tank Owner or Authorized Representative



UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

The purpose of this form is to certify the proper investigation of an UST site for the presence of a release. These activities shall be conducted in accordance with Chapter 173.360 WAC. A description of the various situations requiring a site check or site assessment is provided in the guidance document for UST site checks and site assessments.

This Site Check/Site Assessment Checklist shall be completed and signed by a person registered with the Department of Ecology to perform site assessments.

Two copies of the results of the site check or site assessment should be included with this checklist according to the reporting requirements in the guidance document for UST site checks and site assessments.

For further information about completing this form, please contact the Department of Ecology UST Program.

The completed checklist should be mailed to the following address:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator:	Washington State Military		
Owners Address:	Camp Murray, Bldg 33		P.O. Box
	Street		
	Tacoma, WA 98430-5000	City	State ZIP-Code
Telephone:	(206) 581-8466		
Site ID Number (on invoice or available from Ecology if tank is registered):	WA065		
Site/Business Name:	Army National Guard Armory		
Site Address:	24410 Military Rd.		County
	Street		
	Kent, WA 98032	City	State ZIP-Code

2. SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Registered Person:	Jerome P. Olson		
Address:	7440 W. Marginal Way, S.		P.O. Box
	Street		
	Seattle, WA 98108	City	State ZIP-Code
Telephone:	(206) 767-0441		

3. TANK INFORMATION

1. Tank ID Number (as registered with Ecology): K-1-A 2. Year installed: Unknown
 3. Tank capacity in gallons: 1000 4. Last substance stored: Fuel Oil

4. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

- Investigate suspected release due to on-site environmental contamination
- Investigate suspected release due to off-site environmental contamination
- Extend temporary closure of UST system for more than 12 months
- UST system undergoing change-in-service
- UST system permanently closed-in-place
- UST system permanently closed with tank removed
- Required by Ecology or delegated agency for UST system closed before December 22, 1988
- Other (describe): _____

5. CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

	Yes	No
1. Has the site check/site assessment been conducted according to applicable procedures specified in the UST site check/site assessment guidance issued by the Department of Ecology?	JO	
2. Has a release from the UST system been confirmed? <i>NOTE: Owners/operators must report all confirmed releases to the Department of Ecology or delegated agency within 24 hours.</i>	JO	
3. Are the results of the site check/site assessment enclosed with this checklist? <i>NOTE: Two copies of the site check/site assessment results must be submitted to the Department of Ecology according to the reporting requirements specified in the UST site check/site assessment guidance.</i>	JO	

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

4-21-92 Jerome P. Olson
 Date Signature of Person Registered with Ecology

6. OWNER'S SIGNATURE

21 April 92 [Signature]
 Date Signature of Tank Owner or Authorized Representative



CITY OF KENT

CODE ENFORCEMENT DIVISION

220 4th Avenue South, Kent, WA 98032 (206) 859-3360

EXPIRATION DATE	PERMIT NUMBER
3/28/92	T361

Project Name <i>Army National Guard</i>		Address <i>24410 Military Rd</i>		Phone	
Installer <i>Burlington Enviro. Services</i>		Address <i>7440 W. Marginal Wy S. Seattle</i>		Phone <i>6824898</i>	
Contractors No. <i>CHEM IPI 151 LI</i>		Plans required <i>Site</i>	Valuation <i>N/A</i>	Fee <i>\$35⁰⁰</i>	
Use <i>Tank Removal</i>					

Jerry

Tax parcel number/legal description
Pulling a 500 Gal Heating Oil Tank located N.W. corner of Building #500

PAID
FEB 28 1992
CITY OF KENT
PERMIT CENTER
TR# *3441*

THIS PERMIT MUST BE ON SITE - NON TRANSFERABLE

Date issued *2/28/92* by *Michael Chens*



CITY OF KENT PERMIT CENTER RECEIPT

DOC #: 03441 P

DATE: PR 92 2 28
ID YY MM DD SU

received of: Burlington Environmental CK# Cash

TRANS CDE	R	APP IND	PRG IND	ORGN INDX	EXPN OBJT	REVENUE SOURCE	RE CD	SUBS ACCT	REFERENCE DOCUMENT	DESCRIPTION	AMOUNT
175		001	000	2340		2210 01				BUILDING PERMIT-COMMERCIAL	
175		001	000	2340		2210 02				BUILDING PERMIT-RESIDENTIAL	
175		001	000	2340		4583 00				BUILDING PLAN CHECK FEE	
175		001	000	1810		2190 01				BUSINESS LICENSE	
165		681	000	0000				580		CASH BOND	
175		001	000	5523		4583 00				ENGINEERING-PLAN CHECK	
175		001	000	2340		2130 00			T 3e1	HAZARDOUS FIRE PERMIT	35-
850	R	001	322	5523	44 17					K C RIGHT OF WAY PERMIT	
175		001	000	5527		2290 40				LMTD. LAND USE PERMIT	
175		001	000	2340		6990 11				LOCKBOX FOR FIRE DEPARTMENT	
175		001	000			4150 00				MAPS & CODES	
175		001	000	2340		2210 04				MECHANICAL PERMIT	
175		001	000	2340		2210 03				PLUMBING PERMIT	
175		001	000			4190 01				PHOTOCOPIES	
175		001	000	1804		4581 00				PLANNING - Annex-Sign Var., etc.	
165		001	000	0000				588		PUB. NOTICE BOARD DEPOSITS	
175		001	000	1810		6290 01				PUB. NOTICE BOARD USAGE FEE	
175		001	000	1810		4581 00				SHORELINE MGMT VARIANCES	
175		001	000	1804		4190 00				HEARING EXAM. APPEALS	
175		001	000	1810		6800 10				ENVIRON. PLAN CHECK FEE	
175		001	000	5530		9510 01				SALE OF LAND/STREET VACATS.	
175		001	000	5527		4320 01				SEGREGATION APPLICATION FEE	
175		440	000	5560		2210 00				SEWER PERMIT	
175		440	000	5560		8810 01				CONNECTION FEE-SEWER	
175		440	000	5560		8810 02				CHARGE IN LIEU-SEWER	
160		440	000	0000				566		LATE COMERS-SEWER	
175		440	000	5560		4390 01				TAP FEE-SEWER	
175			000	5510		6700 00				MITIGATION FEE-SEWER	
175		440	000	5595		8810 01				STORM DRAINAGE CONNEX. CHG.	
175		001	000	5510		2240 01				STREET CUT PERMIT	
175		001	000	5523		2240 03				STREET USE PERMIT	
175		410	000	5550		8810 01				WATER PERMIT	
175		410	000	5550		8810 02				CHARGE IN LIEU-WATER	
175		001	000	5523		4320 00				INSP. FEE/ENGINEERING CHARGES	
160		410	000	0000				566		LATE COMERS - WATER	
175		410	000	5550		8300 00				SYSTEM DEVELOPMENT FEE	
175		410	000	5550		4390 01				WATER SAMPLE/PURITIES	
175			000	5510		6700 00				MITIGATION FEE-WATER	
145		001	000	0000				505		WASHINGTON STATE SURCHARGE	
175		001	000	1810		2240 02				ZONING PERMIT	
175		001	000	2340		6981 01				VOID	
PAID											
FEB 28 1992											
CITY OF KENT											
PERMIT CENTER											
TR #											
TOTAL 35-											

PREPARED BY

Northwest Marine Chemist, Inc.
P.O. Box 7084
Tacoma, Washington 98407
752-0149

MARINE CHEMIST CERTIFICATE

SERIAL NO.
ST-92-024

Burlington Environmental Survey Requested by
Wash. State Nat. Guard Vessel Owner or Agent
Tank Farm Vessel
Diesel Oil Last Three (3) Cargoes
Underground Storage Tank Type of Vessel
O₂-LEL Test Method
March 4, 1992 Date
24410 Military Rd. S. Specific Location of Vessel
0830 Hrs. Time Survey Completed

1-500gal Tank } Not Safe For Workers (Secured)
SAFE For Hotwork

This Tank has been purged with CO₂ to < 8% Oxygen, and is safe for excavation and cutting of access. (Chemist must be in attendance during cutting operation.)
All openings are, and must remain secured.

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 6-3.2)

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers have not been met.

ENTER WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are as specified.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

SAFE FOR REPAIR YARD ENTRY: Means that the compartments and spaces of the flammable cryogenic liquid carrier so designated: (a) have been tested by sampling at remote sampling stations, and results indicate the atmosphere tested to be above 19.5 percent oxygen, and less than 10 percent of the lower flammable limit, or (b) are inerted.

CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed R. A. White BET

Signed James D. Blair #637

STRAIGHT BILL OF LADING
ORIGINAL — NOT NEGOTIABLE

BURLINGTON ENVIRONMENTAL, INC.

Carrier No. W2 0587

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(SCAC)

Date 3-4-92

On Collect on Delivery shipments the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1

TO: **BURLINGTON ENVIRONMENTAL, INC**
Consignee

FROM: Shipper **SEE F.S.S. / WARN**

Street **20245 77th AVE SO**

Street **24410 MILITARY RD SO**

City **KENT** State **WA** Zip Code **98032-1368**

City **KENT** State **WA** Zip Code

24 hr. Emergency Contact Tel. No. **767-0441**

Route **ANY**

Vehicle Number **323**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class Identification Number (UN or NA) per 172.101, 172.202, 172.203.	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT		RD, COMBUSTIBLE LIQUID, N.O.S. (RSEL) COMBUSTIBLE LIQUID, NA1983 (CP# 46408 - DIESEL + RINSATE FROM UST REMOVAL OPERATIONS) THIS MATERIAL IS A PETROCHEMICAL PRODUCT FOR RECYCLE	314A 2			

PLACARDS TENDERED: YES NO

REMIT C.O.D. TO ADDRESS

COD

Amt: \$

C.O.D. FEE: PREPAID COLLECT \$

Subject to Section 7 of the 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

TOTAL CHARGES \$

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

Note — Where the rate is dependent on value, shipper's 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

I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by Rail Highway Water (DELETE NON-APPLICABLE MODE OF TRANSPORT) according to applicable international and national governmental regulations.

Signature

(Signature of Consignor)

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of the Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER **BURLINGTON ENVIRONMENTAL, INC**

CARRIER **BURLINGTON ENVIRONMENTAL, INC**

PER **[Signature]**
7140 W. MARSHALL WAY SO, SEATTLE WA 98108

PER **[Signature]**
DATE **3-4-92**

Permanent post-office address of shipper

Northwest Marine Chemist, Inc.
P.O. Box 7084
Tacoma, Washington 98407
752-0149

MARINE CHEMIST CERTIFICATE

SERIAL NO.
ST-92-025

Survey Requested by Burlington Environmental Vessel Owner or Agent Wash. State Nat. Guard Date March 4, 1992
Vessel TANK FARM Type of Vessel Underground Storage Tank Specific Location of Vessel 24410 Military Rd. Kent
Last Three (3) Cargoes Drum Oil Test Method O₂-LEL-V.3 and Time Survey Completed 12:30 hrs.

1-1,000gal Tank } SAFE FOR WORKERS
SAFE FOR HOTWORK

This Tank has been cleaned free of all combustibles residues, and is safe for transportation and Demolition.

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 6-3.2)

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers have not been met.

ENTER WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are as specified.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

SAFE FOR REPAIR YARD ENTRY: Means that the compartments and spaces of the flammable cryogenic liquid carrier so designated: (a) have been tested by sampling at remote sampling stations, and results indicate the atmosphere tested to be above 19.5 percent oxygen, and less than 10 percent of the lower flammable limit, or (b) are inerted.

CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed

Name

R. M. White BEI

Signed

Certificate No.

Edward B. ... #637

STRAIGHT BILL OF LADING
ORIGINAL — NOT NEGOTIABLE

BURLINGTON ENVIRONMENTAL, INC.

Carrier No. № 0588

Page 1 of 1

(Name of carrier)

(SCAC)

Date 3-4-92

Note: On Collect on Delivery shipments the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1

TO: SEATTLE IRON + METALS CORP

Consignee

FROM:

Shipper BURLINGTON ENVIRONMENTAL, INC / WARG

Street 11th AVE. S.W.

Street 24410 MILITARY RD SO

City SEATTLE State WA Zip Code 98134

City KENT State WA Zip Code

24 hr. Emergency Contact Tel. No. 767-0441

Route ANY

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class Identification Number (UN or NA) per 172.101, 172.202, 172.203	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
<u>TP</u>		<u>MATERIAL NOT REGULATED BY D.O.T. (EMPTY UST LAST CONTAINING DIESEL) THIS TANK HAS BEEN CLEANED IN STRICT ACCORDANCE WITH WAC-173-303- 640</u>	<u>1000 P</u>			

PLACARDS TENDERED: YES NO

REMIT C.O.D. TO ADDRESS

Note — Where the rate is dependent on value, shipper's 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 _____

I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by Rail Highway Water (DELETE NON-APPLICABLE MODE OF TRANSPORT) according to applicable international and national governmental regulations.

Signature _____

COD

Amt:\$ _____

Subject to Section 7 of the 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 \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of the Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER BURLINGTON ENVIRONMENTAL, INC / WARG

CARRIER BURLINGTON ENVIRONMENTAL, INC

PER [Signature]

PER [Signature]

7440 W. MARGINAL WAY SO, SEATTLE, WA 98108

DATE 3-4-92

Permanent post-office address of shipper:

CERTIFICATE OF WEIGHT

ISSUED UNDER AUTHORITY OF CITY OF SEATTLE ORD. 41014, AS AMENDED

3/4/92
DATE

SEATTLE IRON & METALS CORPORATION

2955 11TH AVE. S.W. SEATTLE, WASH. 98134 682-0040

WEIGHED FOR Chempro DRIVER / ON / OFF

COMMODITY SEATTLE IRON & METALS CORP

MAR 04 1992

20290 LB lbs. Gross

PAID

088

I, THE UNDERSIGNED, CERTIFY THAT THE WEIGHTS INDICATED HEREON ARE TRUE AND CORRECT, AND DO HEREBY IMPRESS THE SEAL OF THE ABOVE LICENSED CITY WEIGHMASTER IN AUTHENTICATION THEREOF.

lbs. Tare

19170 LB

lbs. Net

1120

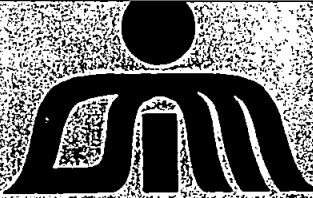
WEIGHED BY [Signature] LICENSED CITY WEIGHER

64746

K-1-A

FEE [Signature]

131210



SEATTLE IRON & METALS CORP.

2955 11th AVE S.W. P.O. BOX 3793 SEATTLE WASHINGTON 98124
(206) 682-0040 FAX: (206) 623-1231

dealers and brokers

IRON AND STEEL SCRAP • NON-FERROUS METALS • STEEL PRODUCTS • DISMANTLERS

BURLINGTON ENVIRONMENTAL

K-1-A

DATE: 3/4/92
2:35 PM

RECEIPT NUMBER: 088

PREPARED BY: _____

NUMBER	DESCRIPTION	WEIGHT	PRICE	AMOUNT
3545	#2 UNPREPARED	1120	35.00/NT	19.60
			TOTAL:	19.60

SEATTLE IRON & METALS CORP.

MAR 04 1992

PAID

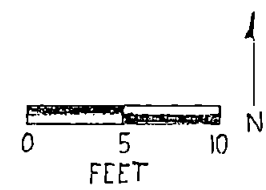
I hereby certify that I am the lawful owner of the merchandise listed above, and that this merchandise is free of encumbrances, and that I am of legal age.

I also certify that the weights shown above are correct and final, and receipt of the amount shown above is hereby acknowledged in full payment for the merchandise I am selling.

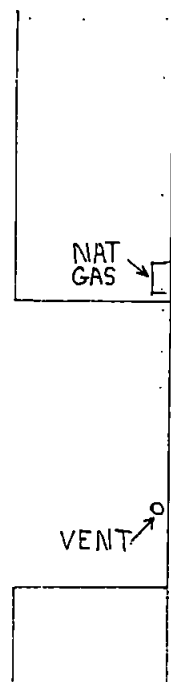
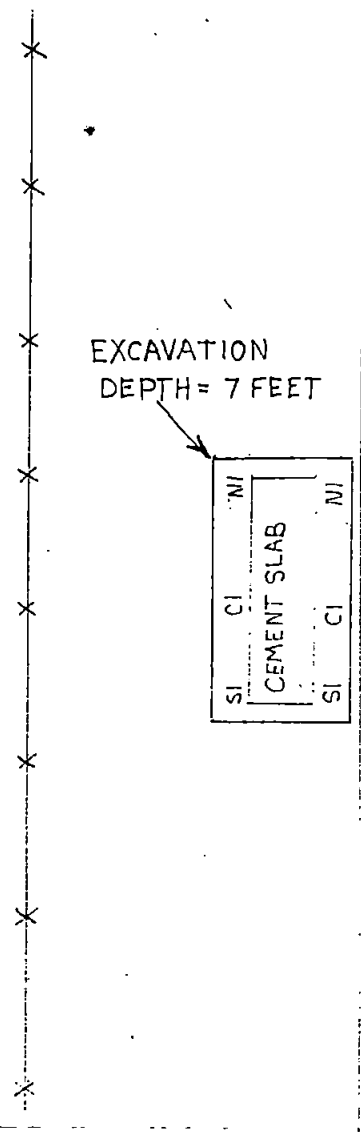
ACCEPTED

[Signature]

ID: _____



NOTE: SAMPLE POINTS
SI, CI, NI WERE TAKEN
1 FOOT FROM THE BOTTOM
OF THE EXCAVATION



BLDG. 500

BURLINGTON ENVIRONMENTAL INC.
Seattle Field Services Project No. 92S096
WASHINGTON STATE MILITARY
National Guard Armory
24410 Military Rd. So.
Kent, WA

Drawn by RW
Date 3-5-92 Figure No. KA-1



MICAL PROCESSORS, INC.

Park 90/5, Suite 400
2203 Airport Way South
Seattle, WA 98134

206-223-0500 • FAX: 223-7791

Field Services

Chain of Custody/ Laboratory Analysis Request

DATE 3-20-92 PAGE 1 OF 1

PROJECT <u>WASH ARMY NAT GUARD # 925096-R</u>					ANALYSIS REQUESTED										GENERAL CHEMISTRY (Specify)				OTHER (Specify)		NUMBER OF CONTAINERS
CLIENT INFO CONTACT <u>TED ARNOLD</u>					BASE/NEU/ACID ORGAN. GC/MS/625/8270	VOLATILE ORGANICS GC/MS/624/8240	HALOGENATED VOLATILE ORGANICS 601/8010	PHENOLICS 604/8040	POLYNUCLEAR AROMATIC 610/8310	TOTAL ORGANIC CARBON (TOC) 415/9060	TOTAL ORGANIC HALIDE (TOX) 9020	EP TOX/TCLP METALS (Circle One)	METALS (TOTAL) As, Ba, Cd, Cr, Cu, Pb, Ni, Hg, Ag, Se, Ti, Sb, Zn	TCLP ORGANICS	TPH 418.1 RUSH						
SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE																	
1. <u>96R-B2</u>	<u>3/20</u>																				
2. <u>96R-S2</u>	<u>3/20</u>																				
3. <u>96R-N2</u>	<u>3/20</u>																				
4. <u>96R-E2</u>	<u>3/20</u>																				
5. <u>96R-W2</u>																					
6.																					
7.																					
8.																					

Relinquished By		Relinquished By		Relinquished By		PROJECT INFORMATION		SAMPLE RECEIPT	
Signature <u>BRENT FIRESTONE</u>		Signature		Signature		Shipping I.D. No.		Total No. of Containers	
Printed Name <u>Brent Firestone</u>		Printed Name		Printed Name		VIA		Chain of Custody Seals	
Firm <u>BEI</u>		Firm		Firm		Project		Received in good condition	
Date/Time <u>3/20/92 16:30</u>		Date/Time		Date/Time		Project		LAB NO.	
Received By <u>Mary Curtis</u>		Received By		Received By		SPECIAL INSTRUCTIONS/COMMENTS <u>PO # 20036</u>			
Signature <u>Mary Curtis</u>		Signature		Signature					
Printed Name <u>SAS</u>		Printed Name		Printed Name					
Firm <u>3/20/92 4:30</u>		Firm		Firm					
Date/Time		Date/Time		Date/Time					

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 • TELEPHONE (206)922-2310 • FAX (206)922-5047

Report To: Burlington Environmental
Field Services

Date: March 23, 1992

Report On: Analysis of Soil

Lab No.: 23345

IDENTIFICATION:

Sample received on 03-20-92

Project: 92S096-R Wash. Army National Guard

ANALYSIS:

<u>Lab Sample No.</u>	<u>Client ID</u>	<u>Total Petroleum Hydrocarbons, mg/kg by EPA Method 418.1</u>
1	96R-B2	2,700
2	96R-S2	2,600
3	96R-N2	69
4	96R-E2	4,800
5	96R-W2	8,500

SOUND ANALYTICAL SERVICES


STAN P. PALMQUIST

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4513 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 • TELEPHONE (206)922-2310 • FAX (206)922-5047

Report To: Burlington Environmental
Field Services

Date: March 23, 1992

Report On: Analysis of Soil

Lab No.: 23345

IDENTIFICATION:

Sample received on 03-20-92

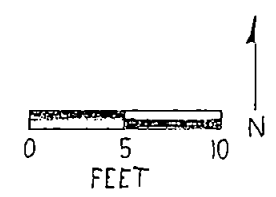
Project: 92S096-R Wash. Army National Guard

ANALYSIS:

<u>Lab Sample No.</u>	<u>Client ID</u>	<u>Total Petroleum Hydrocarbons, mg/kg by EPA Method 418.1</u>
1	96R-B2	2,700
2	96R-S2	2,600
3	96R-N2	69
4	96R-E2	4,800
5	96R-W2	8,500

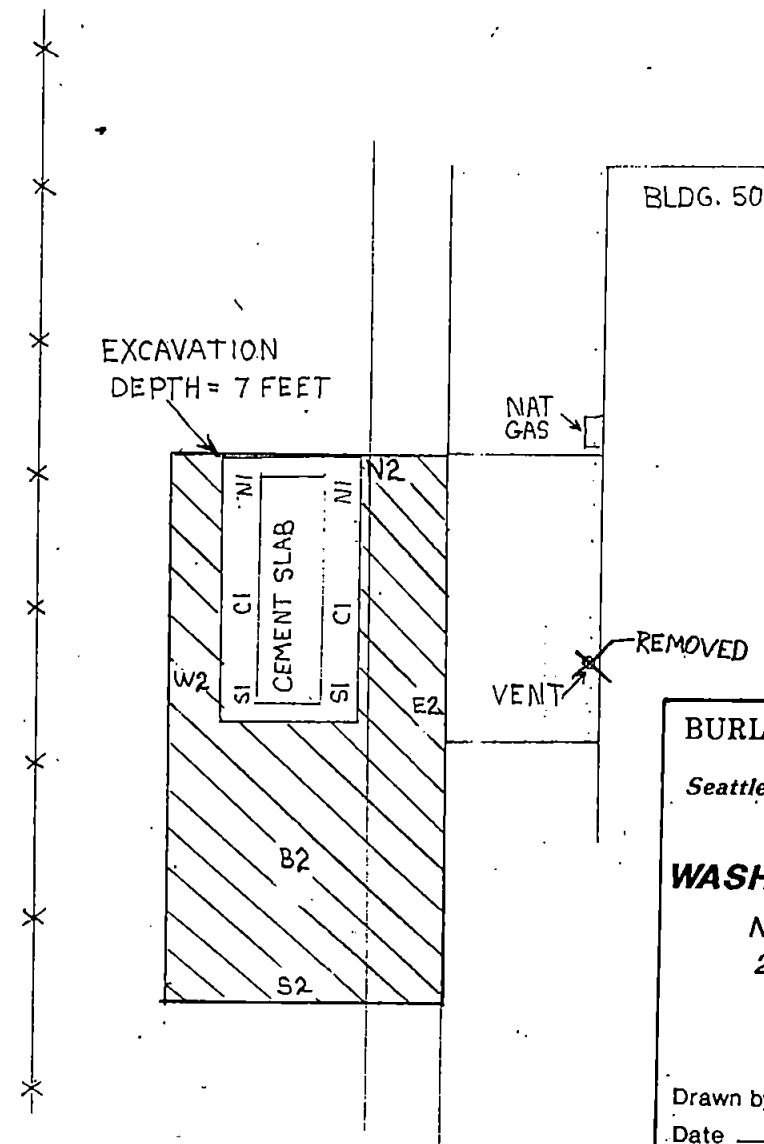
SOUND ANALYTICAL SERVICES


STAN P. PALMQUIST



NOTE: SAMPLE POINTS
 S1, C1, N1 WERE TAKEN
 1 FOOT FROM THE BOTTOM
 OF THE EXCAVATION

B2 WAS TAKEN ON THE BOTTOM
 OF THE EXCAVATION
 E2, W2, N2, S2 WERE TAKEN
 1 FOOT FROM THE BOTTOM



BURLINGTON ENVIRONMENTAL INC.
 Seattle Field Services Project No. 92S096

WASHINGTON STATE MILITARY
 National Guard Armory
 24410 Military Rd. So.
 Kent, WA

Drawn by RW
 Date 4-3-92 Figure No. KA-2

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: Burlington Environmental
Field Services

Date: April 7, 1992

Report On: Analysis of Soil

Lab No.: 23604

IDENTIFICATION:

Samples received on 04-03-92

Project: 92S096-R WA State Military

ANALYSIS:

<u>Lab Sample No.</u>	<u>Client ID</u>	<u>Total Petroleum Hydrocarbons, mg/kg by EPA Method 418.1</u>
1	96R-N3	5,700
2	96R-S3	530
3	96R-W3	9,500
4	96R-E3	1,000
5	96R-C3	3,700

Results are reported on a dry weight basis.

SOUND ANALYTICAL SERVICES



MARTY FRENCH

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206) 922-2310 - FAX (206) 922-5047

ANALYTICAL NARRATIVE

Client: Burlington Environmental Date: April 7, 1992

Project: 92S096-R WA State Military Lab No.: 23604

Delivered by: Richard Wade

Date Sampled: 04-03-92

Condition of Samples on Receipt:

Samples were received cold and in good condition. Chain-of-custody was in order.

EXTRACTION AND ANALYSIS DATES

Samples were analyzed for total petroleum hydrocarbons in accordance with EPA Method 418.1. Samples were extracted on 04-05-92. The extracts were analyzed on 04-06-92 and reported on a dry weight basis.

All Quality Control was within acceptable limits.