

T1152
removed
no replacement

9983V 7/18/89

PORT OF SEATTLE
RECORD OF CLOSURE OF UNDERGROUND STORAGE TANK

This form is intended to provide a complete record of all activity relating to tank removal and disposal or closure in place. It contains all information required by federal, state and local regulations.

NOTE: Tank removal and disposal must be conducted in accordance with the latest versions of: American Petroleum Institute (API) Recommended Practice 1604, Removal and Disposal of Used Underground Petroleum Storage Tanks; API Publication 2015, Cleaning Petroleum Storage Tanks; U.S.E.P.A Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks(UST), (40 CFR Part 280/Federal Register, Volume 53, pp. 37194-212)); Uniform Fire Code, Section 79; Seattle Fire Department Inspection Guidelines, No. 80.25; Abandonment of Tanks; SeaTac Fire Department Manual, Abandonment and Status of Tanks, dtd. 2/1/88; Chapter 173-03, WAC, Dangerous Waste Regulations; EPA Memo To Tank Owners, From Region 10 UST Manager, Permanent Tank Closure, undated and, WDOE Draft dated August 1, 1988, Policies and Procedures for Underground Storage Tank Removal. All of the above are on file in the Environmental Management Section.

PORT OF SEATTLE

RECORD OF CLOSURE OF UNDERGROUND STORAGE TANK

PART I - TANK INFORMATION (repeat for each tank)

DATE: 12/30/91 Name of Individual Completing Form: Bahnick

Location: Terminal 115 POS Tank Inventory #: T115L WDOE Inventory #: 006275

Tank Contents/Use:

Diesel heating oil

Location on Site (see diagram, Part IV): SW corner of building A-6 near Michigan street in the picnic area.

Size of Tank (gals): 4,000 (length x diam):

Tank Material: steel tar coated Tank Age: 52

Corrosion Protection Method: none

Status: Active Temp Out of Svc Abandoned

Date Rmvd from Svc: 11/14/91

Empty Filled, Gals: Contents:

Tank Testing History (attach or reference any available records):
none

Any documented spills or other incidents (attach or reference any available records):

none

Reason for Removal:
no longer needed

If tank is being removed as a part of a capital construction project indicate:

Project Name: Work Order Number:

Project Engineer: Resident Engineer:

Project Contractor:

If tank is being removed under other authority, describe briefly, indicate Work Order Number and Port staff in charge of activity.

D-4445 Huxford

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PORT OF SEATTLE
RECORD OF CLOSURE OF UNDERGROUND STORAGE TANK

PART II - PRE-CLOSURE ACTIVITY

WDOE must be notified in writing at least 30 days prior to beginning of closure process. Attach copy of letter, any response received and describe any additional contacts..

Name of Individual Completing Form: Bahnick

Tank and piping emptied and cleaned by: Northwest Field Services, Portland Ore.

Date: 11-11-91

Amount of Product: 2 inches Amount of sludge: n/a

Disposition of product, sludge and wash water (include Hazardous Waste Manifest if applicable and other documentation):
150 gallons of dirty water & diesel to Fuel Processors, Portland Ore

Costs:

Soils Sampling and Testing (Refer to PART V)

PORT OF SEATTLE
RECORD OF CLOSURE OF UNDERGROUND STORAGE TANK

PART III - TANK REMOVAL AND DISPOSAL

Name of Individual Completing Form: Bahnick

Fire Department Permit Number: 159929 (copy attached).

Tank Inerted by: Sound Testing Inc (must be licensed Marine Engineer
Marine Chemist Certificate Serial #40509 or Fire Dept. Inspector)

Fire Dept. Inspection by: Nigretto Date: 11/14/91

Results:
OK to remove

Tank Removed By (name and address of contractor):

O'Sullivan Construction 3214-16th Ave SW Seattle WA 98131
Disposition of tank, piping and related equipment:

The tank was cut up and sold for scrap. *to Seattle Iron + Metal*

Visual indication of Soil or Groundwater Contamination (include photos if appropriate)

No odor or soil discoloration was observed. The tank appeared in good condition.

Costs:

Soils Testing (Refer to Part V)

WDOE Inspection by: N/A Date:

Results:

Additional Testing Required? no If yes, Refer to Part V.

POS Inventory Updated

By Whom: Bahnick Date: 12/91

WDOE Notified of Change (attach correspondence)

Sent Permanent Closure/Change in service checklist 12/23/91

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PORT OF SEATTLE
RECORD OF CLOSURE OF UNDERGROUND STORAGE TANK

PART IIIA - Closure in Place

Name of Individual Completing Form:

Fire Department Permit Number (copy attached):

Tank and Piping Emptied and Cleaned By: _____ Date: _____

Amount of Product: _____ Amount of Sludge: _____

Disposition of Product, Sludge, Wash Water (include Hazardous Waste Manifest if applicable, and other documentation).

Tank Inerted By: _____ (must be licensed Marine Engineer)

Date: _____

Fire Department Inspection By: _____ Date: _____

Results:

Costs of above:

Fire Department Approval to Fill Tank in Place (attach correspondence):

WDOE Approval (include correspondence):

Tank Filled By:

Type and Amount of Fill Material:

Lines, Vents and Related Equipment Secured By: _____ Date: _____

Above Ground Equipment Removed and Disposed of By:

Date: _____

Disposition:

Costs of above:

POS Inventory Updated _____ Date: _____ By: _____

WDOE Notified of Change _____ Date: _____ By: _____
(Attach copy of Notification)

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PORT OF SEATTLE
RECORD OF CLOSURE OF UNDERGROUND STORAGE TANK

PART IV - ADDITIONAL NOTES, DESCRIPTIONS, & INFORMATION

Name of Individual Completing Form:

Include sketch showing tank(s) location, sampling sites, etc. Attach photos.

see site assessment package

PORT OF SEATTLE

RECORD OF CLOSURE OF UNDERGROUND STORAGE TANK

PART V - SOILS TESTING

Name of Individual Completing Form:

- PRE-REMOVAL SOILS TESTING

Date of Sampling: May 9-10, 1990

Who took Samples: Port

Number of Samples/Locations: One sample was collected from a trench located along side of the tank.

Testing By:

Date:

Results (include documentation): TPH was not found in the soil sample.

If standards are exceeded, WDOE must be notified. Attach correspondence or describe who was contacted, by whom, when and results.

N/A

Costs of Above:

- SOILS TESTING DURING TANK REMOVAL

Any visual or other indications of soils or water contamination?

None

Samples (number/type/location/ by whom?):

3 from the tank bottom, sidewall, & stockpile

Testing By: Pacific Testing Laboratories Date:

Results (include documentation):

See site assessment package

If standards are exceeded, WDOE must be notified. See above.

N/A

Costs of Above:

ADDITIONAL TESTING REQUIRED No

Describe requirements, indicate who did what, when, results and costs. Include all appropriate documentation.

REMEDIAL ACTION REQUIRED? If yes, See Part VI.

PORT OF SEATTLE
RECORD OF CLOSURE OF UNDERGROUND STORAGE TANK

PART VI - REMEDIATION

Name of Individual Completing Form:

Summarize remediation requirements, actions taken from beginning to end and costs. Attach appropriate documentation.



Port of Seattle

December 27, 1991

Washington Department of Ecology
3190 160th Avenue SE
Bellevue, Washington 98008

Attn: Joseph M. Hickey

Re: Terminal 115 West
Site # 006275
200 SW Michigan St.
Seattle WA 98106

Dear Mr. Hickey:

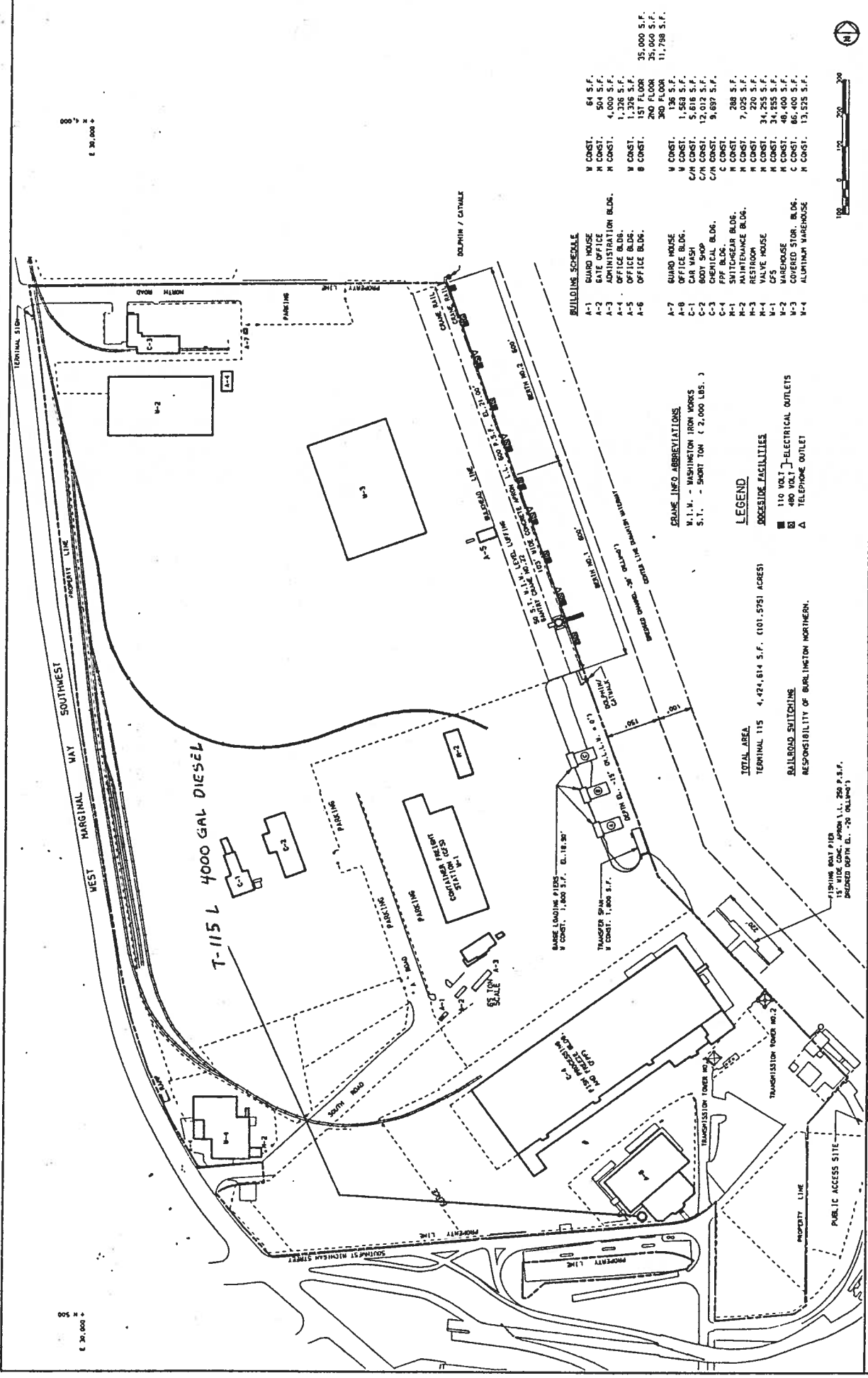
On November 14, 1991 a 4,000 gallon diesel heating oil tank (T-115L) was removed from Terminal 115. During the removal O,Sullivan Construction conducted a site assessment at this location. Samples were collected from the bottom of the excavation, the sidewalls and the excavated soils. The samples were analyzed for diesel TPH using the modified 8015 method. All analytical results were below detection limits. The excavation was than backfilled with the original soils and additional backfill as needed. No further work is scheduled at this site. If you have any questions concerning this site please feel free to call me at (206) 728-3128.

Sincerely,

Kathy A. Bahnick
Kathy A Bahnick
0153V/kab

0 30,000'

0 30,000'



BUILDING SCHEDULE

A-1	GUARD HOUSE	64 S.F.
A-2	GATE OFFICE	504 S.F.
A-3	ADMINISTRATION BLDG.	4,000 S.F.
A-4	OFFICE BLDG.	1,376 S.F.
A-5	OFFICE BLDG.	1,376 S.F.
A-6	OFFICE BLDG.	200 S.F.
A-7	GUARD HOUSE	136 S.F.
A-8	OFFICE BLDG.	1,563 S.F.
C-1	CAR WASH	5,616 S.F.
C-2	BODY SHOP	12,012 S.F.
C-3	CHEMICAL BLDG.	9,697 S.F.
C-4	PPF BLDG.	288 S.F.
H-1	SWITCHGEAR BLDG.	7,025 S.F.
H-2	FINANCE BLDG.	3,255 S.F.
H-3	RESTROOM	34,355 S.F.
H-4	VALVE HOUSE	34,355 S.F.
W-1	CFE	48,400 S.F.
W-2	WAREHOUSE	86,400 S.F.
W-3	COVERED STOR. BLDG.	86,400 S.F.
W-4	ALUMINUM WAREHOUSE	13,575 S.F.

CRANE INFO. ABBREVIATIONS
 W.I.W. - WASHINGTON IRON WORKS
 S.T. - SHORT TON (2,000 LBS.)

LEGEND
 [Symbol] 110 VOLT ELECTRICAL OUTLETS
 [Symbol] 480 VOLT ELECTRICAL OUTLETS
 [Symbol] TELEPHONE OUTLET

ACCESSIBLE FACILITIES
 [Symbol] 110 VOLT ELECTRICAL OUTLETS
 [Symbol] 480 VOLT ELECTRICAL OUTLETS
 [Symbol] TELEPHONE OUTLET

TOTAL AREA
 TERMINAL 115 4,424,614 S.F. (101.5751 ACRES)

RAILROAD SWITCHING
 RESPONSIBILITY OF BURLINGTON NORTHERN.

15" SHIMING WOLT PIER
 15" WIDE CONC. APRON 1.1, 250 P.S.F.
 DESIRED DEPTH (L. - 70 OLLING)



PORT OF SEATTLE
MARINE FACILITIES
TERMINAL 115

PROJECT NUMBER	PORT 115
DRAWN BY	W. J. GIBSON
CHECKED BY	J. A. GIBSON
DATE	12/15/50
SCALE	AS SHOWN
SYMBOLS	SEE SHEET
NOTES	

PROJECT NUMBER: PORT 115
 DRAWN BY: W. J. GIBSON
 CHECKED BY: J. A. GIBSON
 DATE: 12/15/50
 SCALE: AS SHOWN
 SYMBOLS: SEE SHEET
 NOTES:

ADDRESS: 6020-6720 WEST MARGINAL WAY SOUTHWEST 98106
 SHEET NO. D-3853
 PROJECT NO. 115-1
 SHEET TOTAL 20



PACIFIC TESTING LABORATORIES

TACOMA DIVISION
2402 Pacific Highway East
Tacoma, WA 98424
(206) 922-9299
FAX (206) 922-1512

EXECUTIVE OFFICES
3220 - 17th Avenue West
Seattle, WA 98119-1790
(206) 282-0666
FAX (206) 282-0710

EASTSIDE DIVISION
18939 - 120th Avenue N.E. Suite 107
Bothell, WA 98011
(206) 451-8436
FAX (206) 485-4611

FACSIMILE MESSAGE

PAGE 0

FAX NO.: 621-8568 CERTIFICATE NO.: 9111-7090
 TO: O'Sullivan Construction DATE: 11/22/91 TIME: 10:00
 CITY/STATE: _____ # PAGES ATTACHED: _____
 ATTENTION: James Cazort FROM: Warren Harris
 TELEPHONE NO.: _____

SUBJECT: Soil Testing (8015 Diesel) REPLY REQUIRED: YES _____ NO X
 PTL FAX NO.: (206) 282-0710

Samples

- *1 < 0.5ppm
- *2 < 0.5ppm
- *3 < 0.5 ppm

ACTION REQUIRED: _____

FAX COPIES TO: _____

DOES THE ORIGINAL COPY NEED TO BE MAILED? YES X NO _____ DATE _____

HAS THE ORIGINAL COPY BEEN MAILED? YES _____ NO X DATE _____

PT104

FIELD REPORT - SOILS TESTS

Site Part of sea #12 Job # 219066 Date 11-14-91

3 Total Number of Soils Samples Taken

- North
- South
- East
- West
- Floor

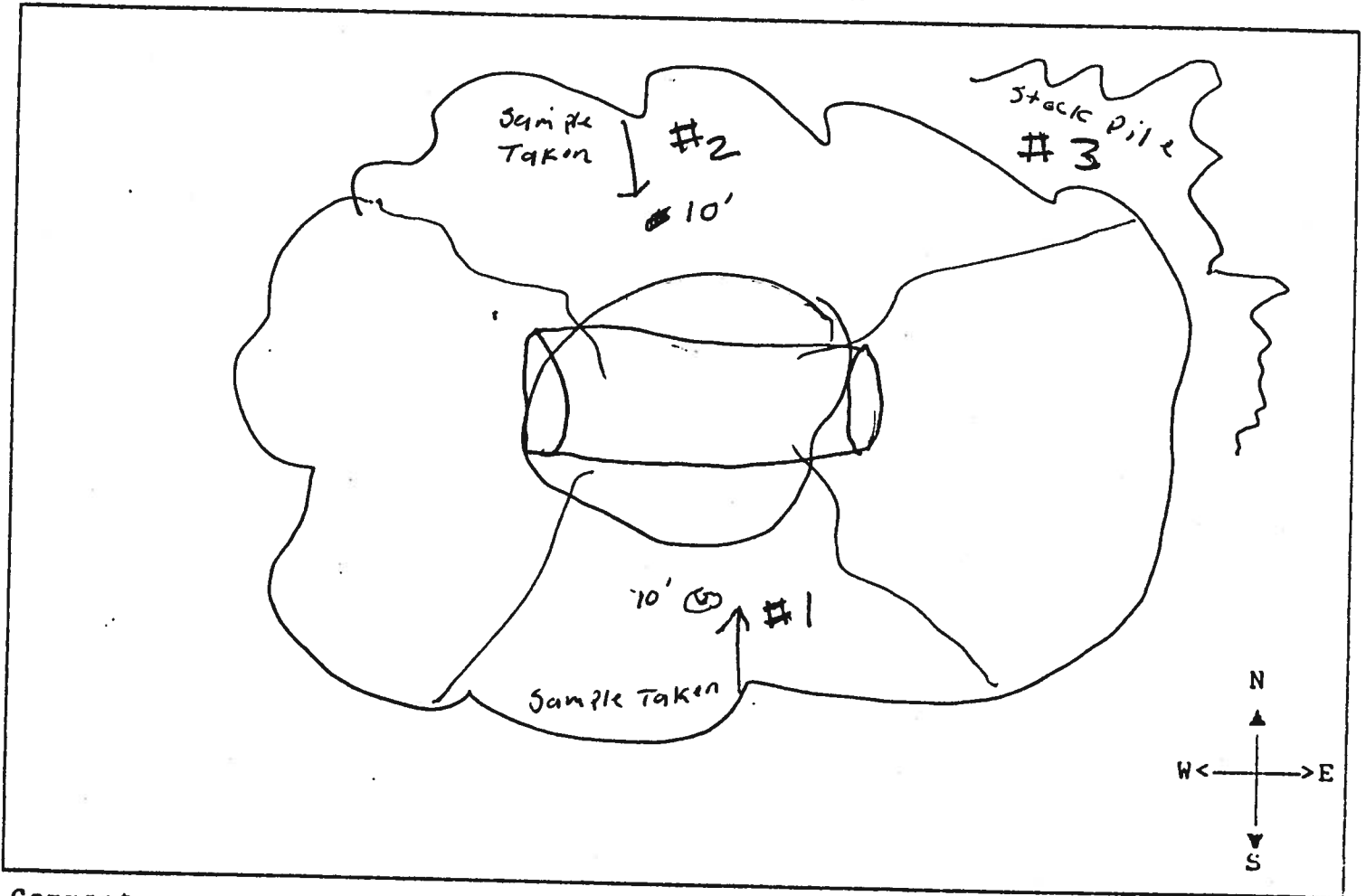
Depth (feet) each sample was taken:

- 10' North
- 10' South
- East
- West
- Floor

- | | | |
|-------------------------------------|--------------------------|---|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Are sample bottles filled completely? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Are sample bottles labeled? |
| <u>PLC</u> | | Lab name - soils samples were delivered |

- | | | |
|-------------------------------------|--------------------------|-------------------|
| <u>Yes</u> | No | Photographs Taken |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Closeup |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Overall |

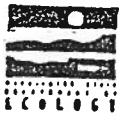
Sketch of Excavation



Comments:

Superintendent: Larry Anderson

11-14-91



UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

FORM 19100

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: Port of Seattle

Owners Address:

Seattle WA PO Box 1209
City State P.O. Box
98111
ZIP-Code

Telephone:

(206) 728-3128

Site ID Number (on invoice or available from Ecology if tank is registered): 006275

Site/Business Name: Port of Seattle

Site Address:

200 SW MICHIGAN (TERMINAL 115) KING
Street City State ZIP-Code
SEATTLE WA
City State

2. SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Registered Person: O'Sullivan Petroleum Equipment Company

Address:

3214-16th Avenue SW Seattle WA 98131
Street City State P.O. Box
ZIP-Code

Telephone:

(206) 682-2440

3. TANK INFORMATION

1. Tank ID Number (as registered with Ecology): T-115L 2. Year installed: 1929
 3. Tank capacity in gallons: 4000 gal 4. Last substance stored: heating oil/diesel

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

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.

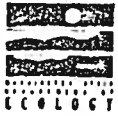
11-22-91
Date

Pat Lonell
Signature of Person Registered with Ecology

6. OWNER'S SIGNATURE

12-23-91
Date

Kathy G. Bahmed
Signature of Tank Owner or Authorized Representative



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: Port of Seattle

Owners Address:

Street

PO Box 1209
P.O. Box

Seattle
City

WA
State

98111
ZIP-Code

Telephone:

(206) 728-3128

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

006275

Site/Business Name:

Port of Seattle

(TANK 1152)

Site Address:

200 SW MICHIGAN (TERMINAL 115)
Street

KING
County

SEATTLE
City

WA
State

ZIP-Code

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

Firm:

O'Sullivan Construction

License Number: S000036

Address:

3214-16th Avenue SW
Street

Seattle, WA
City

State

P.O. Box

98134
ZIP-Code

Telephone:

(206) 682-2440

Licensed Supervisor:

Pat Lowell

Decommissioning
License Number: W000630

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): T-115L 2. Year installed: 1929
 3. Tank capacity in gallons: 4000 gal 4. Date of last use: unknown
 5. Last substance stored: heating oil / diesel 6. Date of closure/change-in-service: 11-14-91
 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: N/A
 9. If change-in-service, indicate new substance stored in tank: N/A
 10. Local permit(s) (if any) obtained from: Fire department

Always contact local authorities regarding permit requirements.

11. Has a site assessment been completed? Yes 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?	✓		
2. Has all product piping been capped or removed?	✓		
3. Have all non-product lines been capped or removed?	✓		
4. Have all liquid and accumulated sludges been removed from the tank?	✓		
5. Has the tank been properly purged or inerted?	✓		
6. Have the drop tube, fill pipe, gauge pipe, pumps and other tank fixtures been removed?	✓		
7. Have all tank openings been plugged or capped? NOTE: One plug should have 1/8 inch vent hole.	✓		
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)?	✓		
9. If removed, was tank properly labeled and disposed of in accordance with all applicable local, state and federal regulations?	✓		

*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.
11-22-91 Pat Small
 Date Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

11-22-91 James Coynt
 Date Signature of Licensed Service Provider (firm) Owner or Authorized Representative
12-23-91 Kathy G. Bahndt
 Date Signature of Tank Owner or Authorized Representative

FIELD REPORT - SOILS TESTS

Site Part of Site #12 Job # 219066 Date 11-14-91

3 Total Number of Soils Samples Taken

- North
- South
- East
- West
- Floor

Depth (feet) each sample was taken:

- 10' North Yes No
- 10' South
- East
- West 10'
- Floor

Are sample bottles filled completely?

Are sample bottles labeled?

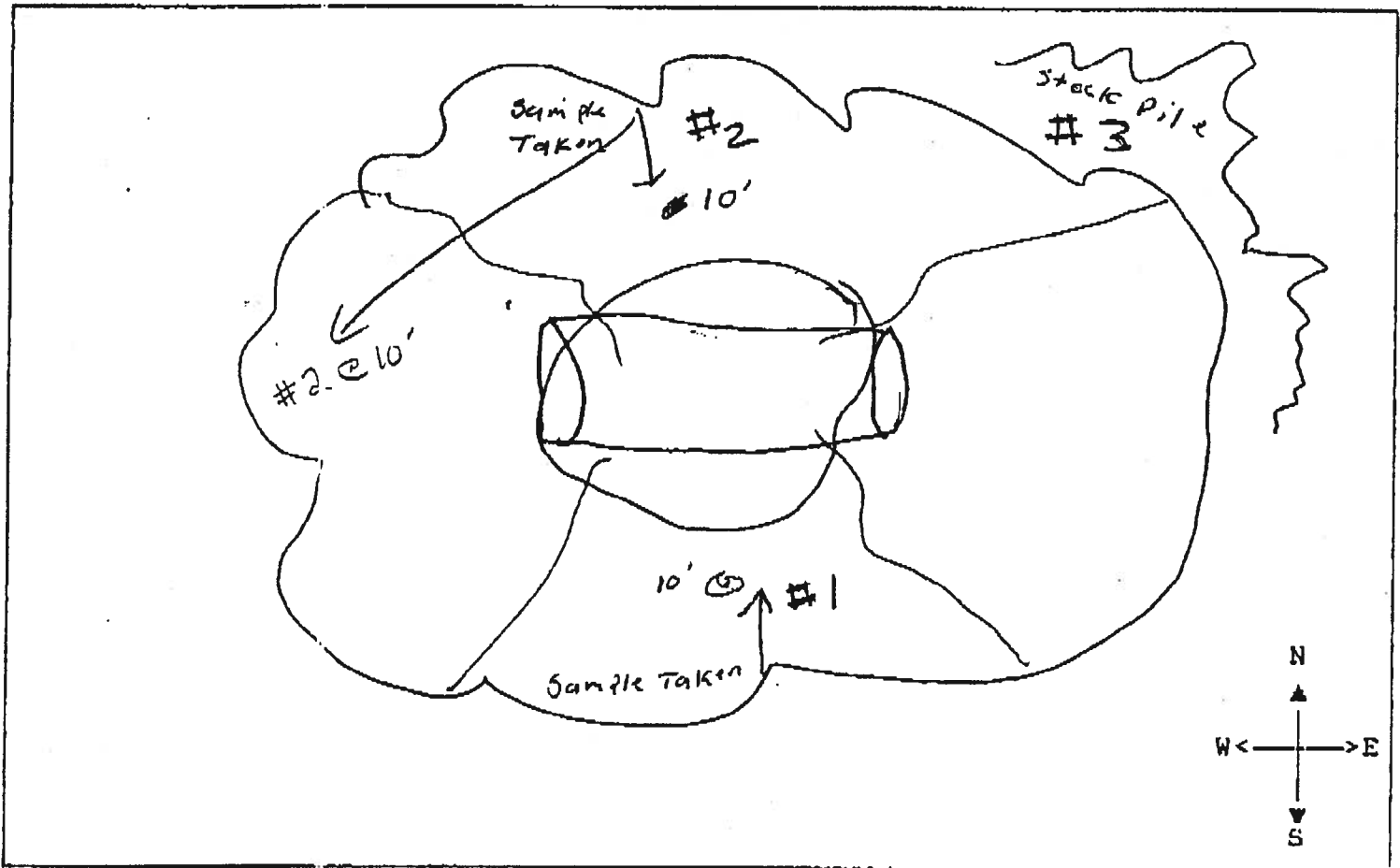
Lab name - soils samples were delivered

Yes No Photographs Taken

Closeup

Overall

Sketch of Excavation



Comments:

Superintendent: Larry Anderson

Date 11-14-91



UNDERGROUND STORAGE TANK

30 Day Notice of Intent to Close/Decommission Tanks

The purpose of this form is to provide the Department of Ecology with notice of intent to close/decommission an UST. It must be received 30 days prior to the closure activities. It must be signed and dated by either the owner/operator of the UST to be closed or his/her authorized representative. (This could be the firm contracted to do the work.) Ecology will notify the identified person of the earliest date closure/decommissioning activities may commence.

For questions on completing this form please call (206) 459-6293.

Please type or use ink.

The completed checklist should be mailed to:

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

1. TANK OWNER AND LOCATION

UST Owner/Operator: Port of Seattle

Owners Mailing Address: _____
Street P.O. Box 1209
P.O. Box

Seattle WA
City State 98111
ZIP-Code

Telephone: () _____

Site ID Number (on invoice or available from Ecology if tank is registered): 006275

Site/Business Name: Terminal 115

Site Address: _____
6020 6730 W Marginal way SW
Street King
City County

Seattle WA
City State 98106
ZIP-Code

2. TANK PERMANENT CLOSURE TO BE PERFORMED BY (if known):

Firm: _____

Address: _____
Street P.O. Box

City State ZIP-Code

Telephone: () _____ Contact Name: _____

3. TANK INFORMATION

Tank Identification	Approx. Closure Date	Tank Capacity (gallons)	Tank Age (years)	Last Substance Stored
<u>T-1156</u>	<u>Nov 11, 1991</u>	<u>4,000</u>	<u>61</u>	<u>diesel</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

4. SIGNATURE OF TANK OWNER/OPERATOR OR AUTHORIZED REPRESENTATIVE:

Kathy C. Babanich consultant 8-21-91
Signature Title Date



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Mail Stop PV-11 • Olympia, Washington 98504-8711 • (206) 459-6000

September 5, 1991

Ms. Kathy Bahnich
Port of Seattle
P.O. Box 1209
Seattle, WA 98111

Dear Ms. Bahnich:

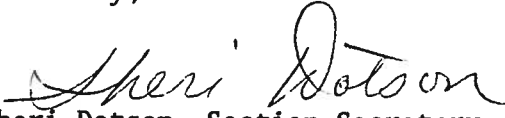
This is to acknowledge receipt of your 30-day notice of intent to close underground storage tank(s) located at 6020 6730 W. Marginal Way SW, Seattle, Washington.

We received your letter on September 3, 1991.

Your 30-day notice has been forwarded to the appropriate regional office. A field person with the Underground Storage Tank Program may visit your site within the 30-day period. However, with the many tank closures now taking place, it will not be possible to visit every site. You may proceed with closure thirty days from the date we received your letter (noted above).

If you did not request a full closure packet, but would like to receive one, you may do so by calling 1-800-826-7716 (in Washington state only) or (206) 459-6293. This closure packet contains forms entitled "Notice of Permanent Closure of Underground Storage Tank(s)" and "Site Check/Site Assessment Checklist". Please complete the forms and return them to the Department of Ecology when tank closure is complete.

Sincerely,


Sheri Dotson, Section Secretary
Underground Storage Tank Section

SLS:sd

TACK T-115P

T-115
D-4445

State of Washington

Department of Ecology

Underground Storage Tank
Service Provider License



John J. [Signature]
Signature of Ecology UST Section Supervisor



Your
Seattle
Fire Department

SEATTLE FIRE DEPARTMENT



PERMIT CODE: 799 T Title: TEMPORARY UNDERGROUND TANK REMOVAL/ABANDONMENT PERMIT RECEIVED
FEE: \$60.00 + TIME CHARGE \$ _____ Code Reference: 79.113 OCT 21 1991 / 11/14/91
Receipt # 159929 or Data Entry # _____ Date Received Date Issued
Firm Name: O'SULLIVAN Petroleum equipment Phone: 682-2440
Firm Address: 3214 16th Ave SW Zip: 98134
Job Site: FAIR
Person in Charge S. Moorhead Phone: 682-2440
Number/size of tanks: 1) 4K
Product last contained: Diesel
Type of rinse: SOAPY WATER

CONDITIONS:

1. TANKS MAY BE REMOVED ONLY AFTER FIRE DEPARTMENT INSPECTION.
2. Two (2) 20 BC portable fire extinguishers are to be on site within 50' of the operation.
3. Rope or ribbon barricades must be provided circling 10' from the operation or be enclosed in a fenced yard.
4. "No Smoking" signs must be posted in readily visible locations.
5. No hot works allowed unless the tanks are certified gas free. A separate Fire Department permit (Code 491) is required for cutting and welding operations.

PROCEDURES:

1. Call 386-1450, 24 hours prior to removal to arrange for an appointment.
Appointments must be confirmed by an Inspector.
2. Permits may cover multiple tanks located at a single inspection area. If additional tanks are to be removed at later dates, separate permits shall be obtained.
3. Additional fees will be charged if inspectors are required to work other than normal business hours. (Normal business hours are 7:30 a.m. to 4:30 p.m.)
4. To ensure tanks are completely free of all flammable or combustible liquids, a receipt or certificate must be on site indicating the tank has been pumped and rinsed with an approved material. Product and rinse water must be disposed of in an approved manner.

MARINE CHEMIST CERTIFICATE

2191-066

SERIAL NO 40509

O'SULLIVAN
Survey Requested by

NOV 14, 1991
Date

PLEASE SEE BELOW
Vessel

Vessel Owner or Agent

STEEL UNDERGROUND TANK

SE CORNER T 11
TRANSFORMER BLDG

HEATING FUEL
Last Three (3) Cargoes

Type of Vessel

O₂ LEL
Test Method

Specific Location of Vessel

1:15 pm
Time Survey Completed

P.O. # 10630

HEATING FUEL TANK FROM SW CORNER BLDG A-6

— SAFE FOR HOTWORK

— INERT WITH CARBON DIOXIDE

\$ 130.00

HOTWORK COMPLETE
1:30 pm 11/14

In the event of any physical or atmospheric changes adversely affecting the gas-free condition 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

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 has not been met.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) the 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 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 306-1980 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 2.3 of NFPA 306 1980 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 Larry Anderson
Name Company

11/14
Date

Signed Jim Sly
Marine Chemist

598
Certificate No

VESSEL POSTING

**Washington Underground Storage Tank
Supervisor License**

This license is issued by the Director of the Department of Ecology in compliance with WAC 173-360 to:

LOVELL, PAT

The licensee is authorized to supervise the following Underground Storage Tank Services in the State of Washington.

Number	Expires	License
4888638	31 DEC 92	INSTALLATION
	31 DEC 92	DECOMMISSIONING



ECY 020-39

Pat Lovell (Signature)

IMPORTANT: Inclusion on this list does NOT in any way imply an endorsement or recommendation.

DEPARTMENT OF ECOLOGY
 UNDERGROUND STORAGE TANK SECTION
 01-11-91

LIST OF REGISTERED SITE ASSESSORS

NAME.....	ADD1.....	ADD2.....	CITY.....	ST	ZIP.....	PHONE.....
LEONG, DAWNA Y.	PACIFIC ENVIRONMENTAL GROUP, INC	4020 148TH AVE NE SUITE C	REDMOND	WA	98052	206.86.95099
LEPPO, JEFFREY E.	CENTURY WEST ENGINEERING CORPORA TION	P. O. BOX 1905	SPOKANE	WA	99210	509.838.3810
LEUNG, CECIL	IRCO CORP.	3005 RAINIER AVE S	SEATTLE	WA	98144	206.723.5890
LEWIS, M. STEPHEN	GEOTECHNICALS INC	10216 NE 141ST PL	BOTHELL	WA	98011	206.746.5200
LIE, CHARLES R.	TERRA ASSOCIATES	12525 WILLOWS RD #101	KIRKLAND	WA	98034	206.821.7777
LIGHTNER, GEORGE	7602 89TH AVE SW		TACOMA	WA	98198	206.589.9477
LITAKKA, MICHAEL R.	J-U-B ENGINEERS, INC.	2005 IRONWOOD PARKWAY, SUITE 201	COEUR D'ALENE	ID	83814	208.668.7132
LIN, RON V.	LINWORKS ENVIRONMENTAL SERVICES	10223 NE 20TH PL	BELLEUE	WA	98004	206.451.8882
LINDBLUM, LEON J	SCM CONSULTANTS INC	7601 W CLEARWATER SUITE 301	KENNEWICK	WA	99335	509.783.1625
LINDSAY, CHARLES S.	GEOTECHNICALS, INC	2405 140TH AVE NE SUITE 105	BELLEUE	WA	98005	206.746.5200
LINDSAY, ROB	SHEET-EDWARDS/EMCON	18912 NORTH CREEK PARKWAY, SUITE 210	BOTHELL	WA	98011	206.485.0000
LIVERMORE, DAVID	PTI ENVIRONMENTAL SERVICES	4000 KRUISE WAY PL BLDG 1 SUITE 2 20	LAKE OSHEGO	OR	97035	503.281.7382
LOCKARD, KIM	DAMES & MOORE	2025 1ST AVE SUITE 500	SEATTLE	WA	98121	206.7280744
LOENDORF, THAYNE	BROWN & CALDWELL	9620 SW BARBUR BLVD. SUITE 200	PORTLAND	OR	97219.6041	503.244.7005
LOFFLER, BOB	DAMES & MOORE	505-700 WEST PENDER ST V6C168	VANCOUVER	BC		604.683.5585
LONG, MICHAEL A	HARTOX INC	12822 GATEWAY DR	SEATTLE	WA	98168	
LOPEZ, RUTH	ROY F. WESTON	201 ELLIOT AVE W., STE 500	SEATTLE	WA	98119	
LOSBROUGH, OMEN	KENNEDY / JEWIS / CHILTON	530 S 336TH ST	FEDERAL WAY	WA	98003	
LOVELL, PAT	O'SULLIVAN'S	3214 16TH AVE SW	SEATTLE	WA	98134	206.682.2440
LUBRECHT, MICHAEL D.	4104-148TH AVE NE		REDMOND	WA	98052	206.883.0777
MACDONALD, JULIE	DAMES & MOORE	2025 1ST AVE SUITE 500	SEATTLE	WA	98121	206.7280744
MACDONALD, NICHOLAS	SRH ENVIRONMENTAL MANAGEMENT	2002 NE 11TH AVE	PORTLAND	OR	97212	503.282.1382
MARCUS, KIM	DAMES & MOORE	1750 SW HARBOR WAY SUITE 400	PORTLAND	OR	97201	503.228.7688
MARSH, DAN	1209 FARALLONE		FIRECREST	WA	98466	206.565.5097
MARSHALL, MICHAEL	22419 72ND AVE S		KENT	WA	98032	206.872.8247
MARTIN, JOHN	TIA ENGINEERING	215 COLUMBIA	SEATTLE	WA	98104.1551	206.224.4704
MASSENGILL, JERI L.	2024 FRANKLIN AVE EAST, APT. 3-R		SEATTLE	WA	98102	206.324.9530
MAUL, JAMES J.	P. O. DRAWER B		KELSO	WA	98626	206.423.3500
MAXWELL, GARY	HARTOX INC	850 N LINDER RD	MERIDIAN	ID	83642	208.888.7121
MAYO, CHARLES DOUGLAS	DOUGLAS MAYO ENGINEERING	2741 S MEWAS RD	SELMA	WA	98942	509.697.7633

PRODUCT 100-4 Available from **AVES** Inc., Canton, Mass. 01821 PHONE TOLL FREE 1-800-955-0800

STRAIGHT BILL OF LADING
 ORIGINAL - NOT NEGOTIABLE
 NORTHWEST FIELD SERVICES, INC.
 11910 NW St. Helens Rd.
 Portland, OR 97231

EPA #ORD 981771264
 PUC #029089

4316
 Shipper No. **10775**
 Carrier No. **2277**
 Date **11-11-91**

TO:		FROM:		Vehicle	
Consignee		Shipper		Number	
Street		Street		Rate	
Destination		Origin		CHARGES	
Route		Origin		Vehicle	
No. Shipping Units		Kind of Packaging, Description of Articles, Special Marks and Exceptions		Number	
Fuel Processors		O Sullivan		002	
4150 N SYDIE		200 SW Michigan			
Portland OR		Seattle			
I.S. South Marine Dr W - N Suttle		N Suttle			
150		GAL Dirty water, Diesel		1050	
		Triple Rinse TST		(Approx)	
		3" product			
		Sally Henderson			

REMIT C.O.D. TO: ADDRESS

CODE Amt: \$

PREPAID **COLLECT**

TOTAL CHARGES: \$

FREIGHT FREIGHT: Check box if charges except selection of freight to collect collect

Signature of Carrier:

Signature of Shipper:

RECEIVED, subject to the classifications and tariffly filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unexamined, 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, in return to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of the party of said property over all or any portion of said route to destination and as to each party at any time indicated in all or any 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 **PER** **DATE**

CARRIER NORTHWEST FIELD SERVICES, INC.

PER **DATE**

* T-115