

RECEIVED  
JAN 23 1996  
DEPT. OF ECOLOGY

## UST Closure Site Characterization

Quaker State Lube  
10022 Holman Road NW  
Seattle, Washington

Prepared By:

Nowicki & Associates, Inc.

DEPARTMENT OF ECOLOGY	
397012 NWRO/TCP TANK UNIT	
INTERIM CLEANUP REPORT	<input checked="" type="checkbox"/>
SITE CHARACTERIZATION	<input checked="" type="checkbox"/>
FINAL CLEANUP REPORT	<input type="checkbox"/>
OTHER _____	<input type="checkbox"/>
AFFECTED MEDIA: SOIL	<input checked="" type="checkbox"/>
OTHER _____ GW	<input type="checkbox"/>
INSPECTOR (INIT.) <u>WV</u>	DATE <u>12-4-96</u>

UST site # 6796

NOWICKI  
& ASSOCIATES

ENERGY & ENVIRONMENTAL MANAGEMENT

33516 9th Avenue South, Bldg. 6  
Federal Way, WA 98003-6322  
(206) 927-5233

## **UNDERGROUND STORAGE TANK CLOSURE SITE CHARACTERIZATION**

**Site:**                   **Q Lube**  
                              **10022 Holman Road N.W.**  
                              **Seattle, Washington**

**Site Owner:**       **Q Lube**  
                              **1385 West 2200 South**  
                              **Salt Lake City, Utah 84119**  
                              **Contact: Ron Witzel**  
                              **(801) 975-4718**

This report is written in accordance with Washington State Department of Ecology's (DOE) "Guidance for Underground Storage Tanks Site Checks and Site Assessments" and "Guidance for Remediation of Petroleum Contaminated Soils", and Model Toxics Control Act (MTCA) Chapter 173-340 WAC. Included with the report are copies of laboratory data as well as a site map and sketches indicating tank and sample locations. Also enclosed are DOE's UST Permanent Closure, and Site Assessment Notice and Site Assessment Checklist. This report conforms to the scope of the written contract of the agreement letter dated August 2, 1994, and is intended for the sole use of the original client, Q Lube, Inc.. No distribution of this report or any other prior UST closure reports is authorized without the express written consent of Nowicki & Associates, Inc..

### **Executive Summary:**

Three registered underground storage tanks (USTs): one 860-gallon used oil, one 3,000 gallon and one 4,000-gallon new motor oil were removed from the above site in October 1995. One un-registered abandoned 100-gallon was also removed. There was no soil contamination at the new UST excavation. Soil contamination with oil and gasoline total petroleum hydrocarbons (TPHs) exceeding Washington Model Toxics Control Act (MTCA) Method A cleanup levels was confirmed by laboratory analysis at the used oil tank excavation.

Remediation of the site proceeded with additional removal of all accessible petroleum impacted soils at the used oil UST excavation. Mineral spirits in the gasoline range were detected in the soil in addition to oil. Because of the close proximity to the building, the excavation north wall was left with remaining impacted soil at a level of 450 ppm oil. Impacted soil at the abandoned oil UST was also excavated. Approximately 75 cubic yards or 112 tons of impacted soils were removed and disposed of at TPS Technologies, an

approved treatment disposal facility in Tacoma. All excavated areas were backfilled with clean excavated soil and new clean materials.

### **Site Background:**

The site is within the City Limits of Seattle in King County. It is located in a business/residential zone, at the southwest corner of Holman Road and Third Avenue NW. Adjacent to the west of the site is a kitchen design store and a hair salon. UST removal was part of the upgrade of the tank system to aboveground system for both new motor oil and waste oil storage. Ground cover was concrete and asphalt. Native soil was brown dense gravelly silty sand with a Unified Soil Classification System designation of GM.

### **Tank Removals:**

Licensed service provider was APS Services of Pacific. The waste oil tank was located in front of the shop, north of the service bays (see sketch #1). The two new oil tanks were located south of the building in the back. Prior to removal, the tanks were cleaned and rinsed and then inerted with dry ice. The local fire marshal was on-site to check the inerted tanks and their oxygen contents. The removed tanks were brought to Washington Wrecking in Seattle for disposal.

### **Used Oil Tank:**

The 860 gallon used oil tank was removed on November 2, 1995. The removed tank was noted with heavy surface corrosion and a 1/4" hole at the bottom. After the tank was removed, discolored grey soil with strong petroleum odors was noted below. Five soil samples were collected on the first day of excavation: two from the excavated soil (approximately 30 cubic yards), one from the north sidewall and one from the west sidewall at 6-1/2' below grade (bg), and one below the tank at 8' bg. Laboratory results were non-detect or below MTCA Method A level for north and west wall samples and 3,000 ppm oil for the bottom sample. The samples were also detected with mineral spirits in the gasoline range at 350 ppm.

Removal of the remaining accessible impacted soils was performed on November 7 when approximately 40 cubic yards were excavated. Excavation proceeded to a maximum depth of 15' bg at center. The excavated pit was expanded 5' south and 1-1/2' east. Four soil samples were collected for laboratory analysis: from the north and south walls at 10' bg, from the east wall at 12' bg, and from the bottom at 15' bg. All samples were non-detect of the analyzed parameters except for the north wall sample which was detected with 450 ppm oil. The excavated pit had final dimensions of 11' x 17-1/2' with maximum depth of 15' bg, and was backfilled with new clean off-site materials.

### New Oil Tanks:

The two new oil tanks were removed on October 31. The tanks were located side by side, running approximately north/south. The removed tanks were in good condition with minimal surface corrosion. There was a concrete anchoring pad at approximately 11' bg. Backfill around the removed tanks was brown silty sand. Seven soil samples were collected for laboratory analysis by WTPH-D Extended: three from the excavation sidewalls, two below the tanks, and two from the excavated soils. Laboratory results were non-detect for all samples. Tank measurements were 6'4" (D) x 17'3" (L) for the 4,000-gallon and 6' (D) x 13' (L) for the 3,000-gallon. The excavated area had measurements of 17' x 20' with maximum depth of 10-1/2' and was backfilled with the clean excavated soil and new clean off-site materials.

### Abandoned Tank:

A 100-gallon abandoned UST was found approximately 11' south of the building. The tank was noted to have minimal surface corrosion and no detectable holes. Two soil samples were collected for laboratory analysis by WTPH-D Extended; one below the tank and one from the excavated soil. Laboratory results indicated oil TPHs at 83 ppm for the bottom sample and 590 ppm for the stockpile sample. The excavated stockpile, approximately 5 cubic yards, was disposed of along with the removed impacted soil from the waste oil UST excavation. The excavated area had dimensions of 6' x 9' with maximum depth of 5-1/2' and was backfilled with new clean materials.

### **Laboratory Analyses and Results:**

All samples were collected from the center of the trackhoe bucket into pre-cleaned 4-oz glass jars with teflon lids and delivered on the same day to CCI Laboratories located at 3229 Pine, Everett, WA 98201. All DOE recommended protocols were followed, no alternative sampling procedures were used. Collected soil samples were lab-analyzed for oil and diesel hydrocarbons using laboratory method WTPH-D Extended and gasoline using WTPH-G. EPA Method 7420 was used for lead analysis; 7130 for cadmium; 7190 for chromium; and 7060 for arsenic. Analytical results are summarized in the following tables.

Table 1. Waste Oil Tank Excavation

Sample ID	Description	Oil (ppm)
WO-01	Below tank, center, 8' bg	3,000*
WO-02	North excavation sidewall, 6-1/2' bg	65
WO-03	West excavation sidewall, 6-1/2' bg	nd
WO-04	Excavated soil	560
WO-05	Excavated soil	1,100
WO-06	North excavation sidewall, 10' bg	450
WO-07	South excavation sidewall, 10' bg	nd
WO-08	Excavation base, center, 15' bg	nd
WO-09	East excavation sidewall, 12' bg	nd
-	Method detection	50
-	MTCA A level	200

Note:

1. nd = denotes non-detect at the method detection limit.
2. \* Sample was also lab-analyzed for and detected with:  
Gasoline TPHs = 350 ppm (MTCA A = 100 ppm)  
Arsenic = 3 ppm (MTCA A = 20 ppm)  
Chromium = 13 ppm (MTCA A = 100 ppm)  
Lead = nd (MTCA A = 250 ppm)  
Cd = nd (MTCA A = 2 ppm)

Table 2. New Oil Tank Excavation

Sample ID	Description	Oil (ppm)
01	Excavated soil	nd
02	South sidewall, 6' bg	nd
03	Excavated stockpiled soil	nd
04	Excavated stockpiled soil	nd
05	Below the 3,000-gallon, 12' bg	nd
06	East sidewall, 6' bg	nd
07	North sidewall, 6' bg	nd
-	Method Detection Level	50
-	MTCA Method A	200

Note:

nd = denotes non-detect at the method detection limit.

Table 3. Abandoned Tank Excavation

Sample ID	Description	Oil (ppm)
AT-1	Below tank, center, 6' bg	83
AT-2	North sidewall, by tank end, 3-1/2' bg	590
-	Method Detection	50
-	MTCA A	200

### Conclusions:

The four USTs were removed and disposed of in accordance with all applicable regulations. There was no soil contamination at the new oil tank excavation. Soil contamination due to tank leak at the used oil UST excavation was confirmed. All accessible impacted soils were removed for disposal. There is remaining impacted soil at a sampled level of 450 ppm oil left on the inaccessible north excavation wall under the building. Oil-impacted soil at the abandoned UST area was also removed and disposed of off-site. No further action is anticipated.



Michael Q. Lam  
IFCI Washington State Registered Site Assessor

1-22-96

Date



# UNDERGROUND STORAGE TANK Closure and Site Assessment Notice

See back of form for instructions

FOR OFFICE USE ONLY
Site ID #
Owner ID #

Please ☒ the appropriate box(es)  
☐ Temporary Tank Closure ☐ Change-In-Service ☒ Permanent Tank Closure ☒ Site Check/Site Assessment

## Site Information

## Owner Information

(This form will be returned to this address)

Site ID Number 006796 UST Owner/Operator Q LUBE, INC.  
(Available from Ecology if the tanks are registered)  
Site/Business Name Q LUBE Mailing Address 1385 WEST 2200 SOUTH  
Street  
Site Address 10022 HOLMAN ROAD P.O. Box  
City/State SEATTLE WA City/State SALT LAKE CITY UT  
Zip Code \_\_\_\_\_ Telephone (206) 784-5558 Zip Code 84119 Telephone (801) 975-4718  
Owner's Signature Carey M. Bellan for Q Lube, Inc.

## Tank Closure/Change-In-Service Company

Service Company APS SERVICES  
Certified Supervisor Todd Jensen Decommissioning Certification No. AST 32000364  
Supervisor's Signature Todd Jensen  
Address 1085 VALENTINE AVE SE P.O. Box  
City PACIFIC WA State WA Zip Code 98047 Telephone (206) 863-8955

## Site Check/Site Assessor

Certified Site Assessor MICHAEL LAM  
Address 33516 9TH AVE S, BLDG 4 P.O. Box  
City FEDERAL WAY State WA Zip Code 98003 Telephone (206) 927-5233

## Tank Information

## Contamination Present at the Time of Closure

Tank ID	Closure Date	Closure Method	Tank Capacity	Substance Stored
<u>1</u>	<u>10/31/95</u>	<u>REMOVAL</u>	<u>4,000 GAL</u>	<u>NEW MOTOR OIL</u>
<u>2</u>	<u>10/31/95</u>	<u>"</u>	<u>3,000 GAL</u>	<u>"</u>
<u>3</u>	<u>11/2/95</u>	<u>"</u>	<u>860 GAL</u>	<u>USED MOTOR OIL</u>
<u>—</u>	<u>11/2/95</u>	<u>"</u>	<u>100 GAL</u>	<u>OIL</u>

☒ Yes ☐ No ☐ Unknown  
Check unknown if no obvious contamination was observed and sample results have not yet been received from analytical lab.

☒ Yes ☐ No  
If contamination is present, has it release been reported to the appropriate regional office?





# UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

For Office Use Only

Owner # \_\_\_\_\_

Site # \_\_\_\_\_

## INSTRUCTIONS:

When a release has **not** been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person registered with Ecology. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

**SITE INFORMATION:** Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

**TANK INFORMATION:** Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

**REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT:** Please check the appropriate item.

**CHECKLIST:** Please initial each item in the appropriate box.

**SITE ASSESSOR INFORMATION:** This form must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section  
Department of Ecology  
P. O. Box 47655  
Olympia, WA 98504-7655

## SITE INFORMATION

Site ID Number (on invoice or available from Ecology if the tanks are registered): 006796

Site/Business Name: Q LUBE

Site Address: 10022 HOLMAN ROAD Telephone: (206) 784-5558

Street

SEATTLE

City

WA

State

ZIP-Code

## TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
<u>1</u>	<u>4,000 GAL</u>	<u>NEW MOTOR OIL</u>
<u>2</u>	<u>3,000 "</u>	<u>"</u>
<u>3</u>	<u>860 "</u>	<u>WASTE OIL</u>
<u>-</u>	<u>100 "</u>	<u>OIL</u>

## 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.
- ☐ Abandoned tank containing product.
- ☐ Required by Ecology or delegated agency for UST system closed before 12/22/88.
- ☐ Other (describe): \_\_\_\_\_

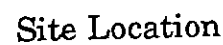
**CHECKLIST**

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. The location of the UST site is shown on a vicinity map.	ML	
2. A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	ML	
3. A summary of UST system data is provided. (see Section 3.1)	ML	
4. The soils characteristics at the UST site are described. (see Section 5.2)	ML	
5. Is there any apparent groundwater in the tank excavation?		ML
6. A brief description of the surrounding land use is provided. (see Section 3.1)	ML	
7. Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	ML	
8. A sketch or sketches showing the following items is provided:		
- location and ID number for all field samples collected	ML	
- groundwater samples distinguished from soil samples (if applicable)	N.A.	ML
- samples collected from stockpiled excavated soil	ML	
- tank and piping locations and limits of excavation pit	ML	
- adjacent structures and streets	ML	
- approximate locations of any on-site and nearby utilities	ML	
9. If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)	N.A.	ML
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.	ML	
11. Any factors that may have compromised the quality of the data or validity of the results are described.	N.A.	ML
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred.	ML	

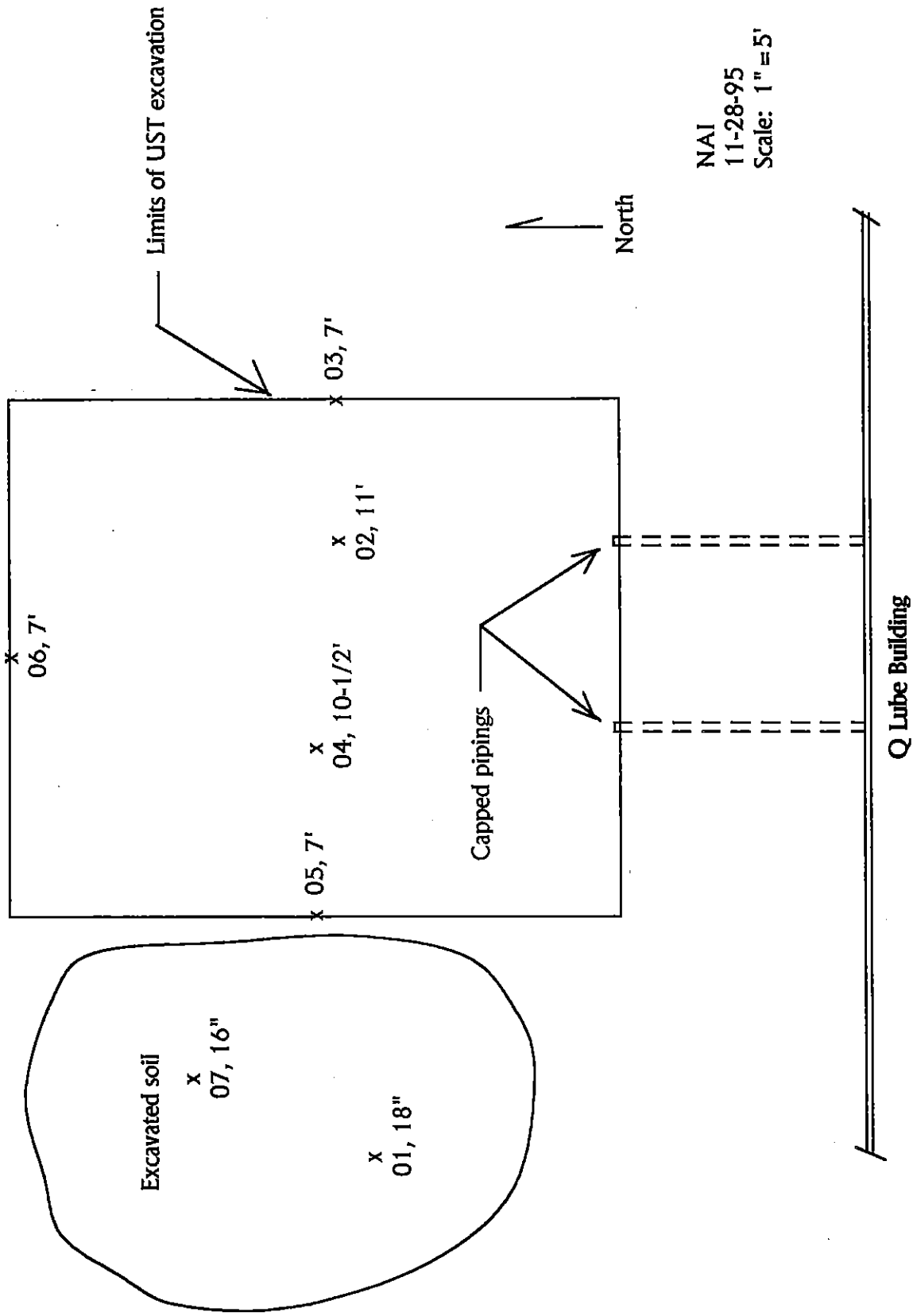
**SITE ASSESSOR INFORMATION**

<b>MICHAEL LAM</b>		<b>NOWICKI &amp; ASSOC, INC.</b>	
Person registered with Ecology		Firm Affiliated with	
Business Address: <b>33516 9TH AVE S, BLD46</b>		Telephone: <b>(206) 927 5233</b>	
Street <b>FEDERAL WAT</b>		City <b>WA</b>	ZIP+Code <b>98003</b>
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.			
Date <b>12-19-95</b>		Signature of Person Registered with Ecology 	





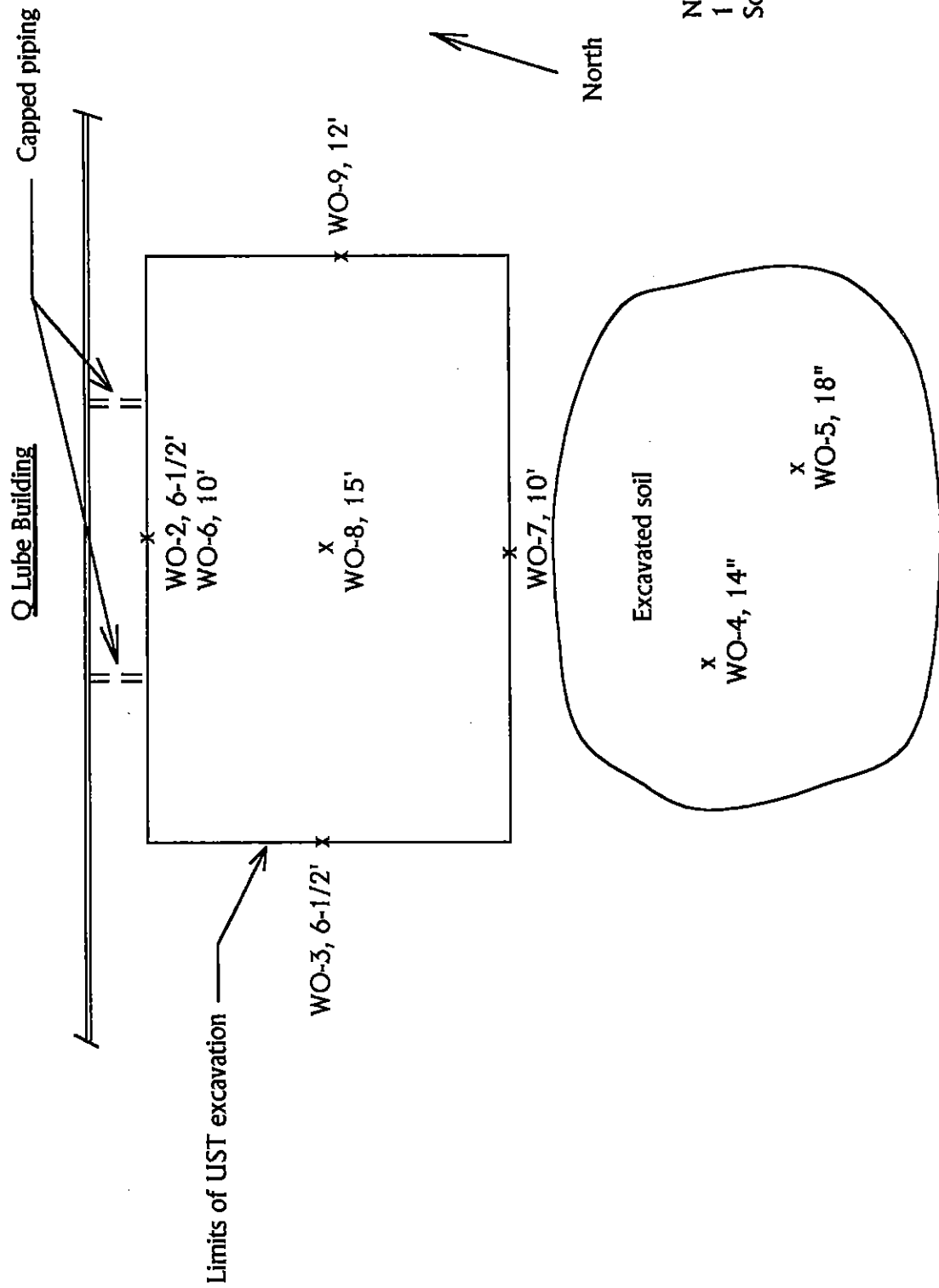
Seattle Q Lube  
10022 Holman Road NW  
Sample Locations



x ... Denotes soil sample location(s) with sample ID and depth in feet or inches.

Sketch #2. New Oil UST Excavation.

Soil Sampling Locations  
 Q Lube  
 10022 Holman Road  
 Seattle, Washington



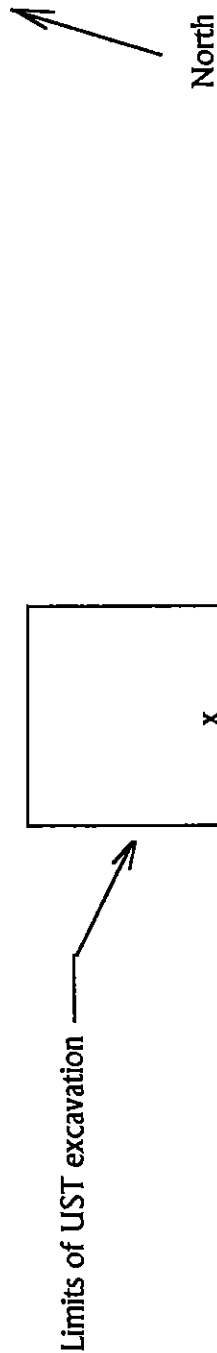
NAI  
 11-13-95  
 Scale: 1" = 5'

x ... Denotes soil sample location(s) with ID and depth.

Sketch #3. Used Oil UST Excavation.

Soil Sampling Locations  
Q Lube  
10022 Holman Road  
Seattle, Washington

Q Lube Building



NAI  
11-13-95  
Scale: 1"=5'

x ... Denotes soil sample location(s) with ID and depth.

Sketch #4. Abandoned UST Excavation.

# Manifest

## TPS Technologies Soil Recycling

Non-Hazardous Soils

Date of Shipment:	Responsible for Payment:	Transporter Truck #:	Facility #:	Given by TPS:	Load #:
	GENERATOR		103	00496	006

Generator's Name and Billing Address:	Generator's Phone #:	Generator's US EPA ID No.
Q-LUBE, INC. 1385 WEST 2200 SOUTH SALT LAKE CITY, UT 84119	801-975-4718 Person to Contact: RON WITZEL FAX#: 801-975-4627	
Consultant's Name and Billing Address:	Consultant's Phone #:	Customer Account Number with TPS:
NOWICKI & ASSOCIATES INC. 33516 - 9th AVENUE SO.-BLDG. 6 FEDERAL WAY, WA 98003	206-927-5233 Person to Contact: MICHAEL LAM FAX#: 206/924-0323	1001357

Generation Site (Transport from): (name & address)	Site Phone #:	BTEX Levels
Q-LUBE 10022 HOLMAN ROAD SEATTLE, WA	206/784-5558 Person to Contact: DAVE JOY FAX#:	TPH Levels AVG. Levels
Designated Facility (Transport to): (name & address)	Facility Phone #:	Facility Permit Numbers
TPS TECHNOLOGIES 2800 104th STREET SOUTH TACOMA, WA 98444	206/584-8430 Person to Contact: RENEE AVELINO FAX#: 206/584-8309	

Transporter Name and Mailing Address:	Transporter's Phone #:	Transporter's US EPA ID No.:
	Person to Contact:	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS:

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			107620	33900	143720
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>			36.86		
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and Title:	Month	Day	Year
---------------------	--	----------------------	-------	-----	------

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

Print or Type Name:	Signature and Title:	Month	Day	Year
YOLANDA PATCHIN	Yolanda Patchin	11	15	95

Recycling Facility	Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:
Print or Type Name:	Signature and Title:
Renee Avelino	Renee Avelino





**Woodworth & Company, Inc.**  
**GENERAL CONTRACTORS**

1200 East D Street / Tacoma, Washington 98421  
Telephone (206) 383-3585

LAKEVIEW PIT TICKET  
Contractors Lic. # WOODW 377NO



Ticket # 78038  
Master Sale Loc. REBECCA  
Sale type C JOB SALE

**CAUTION: HOT ASPHALT WILL BURN YOU!**

RECEIVED \*  
DATE

CUSTOMER:

PURCHASE ORDER  
TPS TECHNOLOGIES  
CONTAMINATED SOILS BROUGHT  
INTO LAKEVIEW PIT

JOB LOAD	JOB TONS
TOTAL 2	71.13
DAILY 2	71.13

PLANT

DATE 11/1/00  
TIME 11:52 AM

JOB 63-

PLANT

TRUCK DD1

SEQUENCE NO. REFERENCE

MIXTURE

200

CONT. SOIL FOR TPS

GROSS 107630

TARE 35000

NET WT TONS 36.86

PRG

TOTAL

SPECIAL INSTRUCTIONS

73720 LB 2

SCALE SERVICE

TAX %  
PAY THIS AMOUNT

REMARKS

SCALE OPERATOR

Recycling Facility

Discrepancies:

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

Print or Type Name:

Renee Avelino

Signature and date:

REBECCA

# Manifest

## TPS Technologies Soils Recycling

Non-Hazardous Soils

Manifest #

Date of Shipment:

Responsible for Payment:

Transporter Truck #:

Facility #:

Given by TPS:

Load #

GENERATOR

103

00496

003

Generator's Name and Billing Address:

Q-LUBE, INC.  
1385 WEST 2200 SOUTH

SALT LAKE CITY, UT 84119

Generator's Phone #:

801/975-4718

Person to Contact:

RON WITZEL

FAX#:

801/975-4627

Generator's US EPA ID No.

Customer Account Number with TPS:

1001357

Consultant's Name and Billing Address:

NOWICKI & ASSOCIATES INC.  
33516 - 9th AVENUE SO.-BLDG. 6

FEDERAL WAY, WA 98003

Consultant's Phone #:

206/927-5323

Person to Contact:

MICHAEL LAM

FAX#:

206/924-0323

Customer Account Number with TPS:

Generation Site (Transport from): (name & address)

Q-LUBE  
10022 HOLMAN ROAD

SEATTLE, WA

Site Phone #:

206/784-5558

Person to Contact:

DAVE JOY

FAX#:

BTEX Levels

TPH Levels

AVG. Levels

Designated Facility (Transport to): (name & address)

TPS TECHNOLOGIES  
2800 104th STREET SOUTH

TACOMA, WA 98444

Facility Phone #:

206/584-8430

Person to Contact:

RENEE AVELINO

FAX#:

206/584-8309

Facility Permit Numbers

Transporter Name and Mailing Address:

Transporter's Phone #:

Transporter's US EPA ID No.:

Person to Contact:

Transporter's DOT No.:

FAX#:

Customer Account Number with TPS:

Description of Soil

Moisture Content

Contaminated by:

Approx. Qty:

Description of Delivery

Gross Weight

Tare Weight

Net Weight

Sand ☐  
Clay ☐

Organic ☐  
Other ☐

0 - 10% ☐  
10 - 20% ☐  
20% - over ☐

Gas ☐  
Diesel ☐  
Other ☐

105940

33900

72040

Sand ☐  
Clay ☐

Organic ☐  
Other ☐

0 - 10% ☐  
10 - 20% ☐  
20% - over ☐

Gas ☐  
Diesel ☐  
Other ☐

36.02

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:

Generator ☐

Consultant ☒

Signature and date:

Month Day Year

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

Print or Type Name:

YOLANDA PATCHIN

Signature and date:

Yolanda Patchin

Month Day Year

VI 15 96

Discrepancies:

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

Print or Type Name:

Signature and date:

P. A. ...

Generator and/or Consultant

Transporter

Recycling Facility



## GENERAL CONTRACTORS

**Telephone {206} 383-3585**

LAKEVIEW PIT TICKET

**Contractors Lic. # WOODWY 377NO**



Ticket #	78074
Master	REBECCA
Sale Loc.	
Saletype	C JOB SALE

**CAUTION: HOT ASPHALT WILL BURN YOU!**

**PRECEDENT**

✱

**CUSTOMER.**

PURCHASE ORDER  
TPS TECHNOLOGIES  
CONTAMINATED SOILS BROUGHT  
INTO LAKEVIEW PIT

JOE  
LOAD

**JOH  
TONS**

3	107.15
TOTAL	107.15

DATE 11/1/43

**21. 2011**

76

**Plus**

**Did I**

**SEQUENCE**

## REFERENCE

TIME

## MAX TUNING

200  
CONT. SOIL FOR TPS

### SPECIAL INSTRUCTIONS

SCALE SERVICE

7E040 LB 2

**TAX %**  
**PAY THIS AMOUNT**

**PIT B162**

## REFERENCES

**X**

### SCALE OPERATIONS

### Recycling Facility

Discrepancy:

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

Print or Type Name:

Signature and date:

34,340

**Manifest****TPS Technologies Soil Recycling**

Non-Hazardous Soils

Manifest

Date of Shipment:	Responsible for Payment:	Transporter Truck #:	Facility #:	Given by TPS:	Load #:
	GENERATOR		103	00496	001

Generator's Name and Billing Address:	Generator's Phone #:	Generator's US EPA ID No.
Q-LUBE, INC. 1385 WEST 2200 SOUTH SALT LAKE CITY, UT 84119	801/975-4718 Person to Contact: RON WITZEL FAX#: 801/975-4627	
		Customer Account Number with TPS: 1001357

Consultant's Name and Billing Address:	Consultant's Phone #:	
NOWICKI & ASSOCIATES INC. 33516 - 9th AVENUE SO.-BLDG. 6 FEDERAL WAY, WA 98003	206/927-5233 Person to Contact: MICHAEL LAM FAX#: 206/924-0323	
		Customer Account Number with TPS:

Generation Site (Transport from): (name & address)	Site Phone #:	BTEX Levels
Q-LUBE 10022 HOLMAN ROAD SEATTLE, WA	206/784-5558 Person to Contact: DAVE JOY FAX#:	TPH Levels AVG. Levels

Designated Facility (Transport to): (name & address)	Facility Phone #:	Facility Permit Numbers
TPS TECHNOLOGIES 2800 104th STREET SOUTH TACOMA, WA 98444	206/584-8430 Person to Contact: RENE AVELINO FAX#: 206/584-8309	

Transporter Name and Mailing Address:	Transporter's Phone #:	Transporter's US EPA ID No.:
	Person to Contact:	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS:

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			34340	24700	9640
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			4.82		

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and Date:	Month	Day	Year

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

Print or Type Name:	Signature and Date:	Month	Day	Year
JOHN HINSEE	<i>John Hinsee</i>	11	16	95

Discrepancies:

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

Print or Type Name:	Signature and Date:
	<i>P. M. M.</i>

Receives Qualification

Generator and/or Consultant

Transporter

Recycling Facility



# Woodworth & Company, Inc.

## GENERAL CONTRACTORS

1200 East D Street / Tacoma, Washington 98421  
Telephone (206) 383-3585

LAKEVIEW PIT TICKET  
Contractors Lic. # WOODW 37720



Ticket # 78134  
Master REBECCA  
Sale Loc.  
Saletype C CUSTOMER

CAUTION: HOT ASPHALT WILL BURN YOU!

RECEIVED

\*

CUSTOMER

PURCHASE ORDER

TPS TECHNOLOGIES  
CONTAMINATED SOILS BROUGHT  
INTO LAKEVIEW PIT

JOB  
LOAD

JOB  
TONS

TOTAL	1	4.82
DAILY		

DATE 11/16/

PLANT

SILENCE

JOB

PLANT

TRUCK

SEQUENCE

REFERENCE

TIME

6:3-

CVL

MIXTURE

200

CONT. SOIL FOR TPS

GROSS

34340

TARE

24700

NET WT. TONS

4.82

PRICE

TOTAL

SPECIAL INSTRUCTIONS

9640 LB M

SCALE SERVICE

TAX %  
PAY THIS AMOUNT

PIT 8160

REMARKS

X

SCALE OPERATOR

Recycling Facility

Discrepancies:

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

Print or Type Name:

Renee Avelino

Signature and date:

*Rebecca*



**Woodworth & Company, Inc.**  
GENERAL CONTRACTORS

1200 East D Street / Tacoma, Washington 98421  
Telephone (206) 383-3585

LAKEVIEW PIT TICKET  
Contractors Lic. # WOODW 377NO



Ticket # 78028  
Master Sale Loc. REBECCA  
Saletype C JOB SALE

**CAUTION: HOT ASPHALT WILL BURN YOU!**

CUSTOMER:

PURCHASE ORDER:

TPS TECHNOLOGIES  
CONTAMINATED SOILS BROUGHT  
INTO LAKEVIEW PIT

MIKE  
RECEIVED \*

DATE	TIME	PLANT	JOB	TRUCK	SEQUENCE	REFERENCE
11-17			63-	W252		
MIXTURE			GROSS	TARE	NET WT. TONS	PRICE
200			106700	38160	34.27	
CONT. SOIL FOR TPS						
SPECIAL INSTRUCTIONS						
SCALE SERVICE						

68540 LB 2

TAX %  
PAY THIS AMOUNT

PIT B160

REMARKS

X

SCALE OPERATOR

Recycling Facility

Discrepancies:

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

Print or Type Name:

Signature and date:

# Manifest

## TPS Technologies Soil Recycling Non-Hazardous Soils

Manifest #

Date of Shipment: - -	Responsible for Payment: <b>GENERATOR</b>	Transporter Truck #: 103	Facility #: 103	Given by TPS: 00496	Load #: 001
--------------------------	--	-----------------------------	--------------------	------------------------	----------------

Generator's Name and Billing Address: <b>Q-LUBE, INC. 1385 WEST 2200 SOUTH SALT LAKE CITY, UT 84119</b>	Generator's Phone #: <b>801/975-4718</b> Person to Contact: <b>RON WITZEL</b> FAX#: <b>801/975-4627</b>	Generator's US EPA ID No.:  Customer Account Number with TPS: <b>1001357</b>
--	--	---

Consultant's Name and Billing Address: <b>NOWICKI &amp; ASSOCIATES INC. 33516 - 9th AVENUE SO. -BLDG. 6 FEDERAL WAY, WA 98003</b>	Consultant's Phone #: <b>206/927-5233</b> Person to Contact: <b>MICHAEL LAM</b> FAX#: <b>206/924-0323</b>	Customer Account Number with TPS:  
--	--	---

Generation Site (Transport from): (name & address) <b>Q-LUBE 10022 HOLMAN ROAD SEATTLE, WA</b>	Site Phone #: <b>206/784-5558</b> Person to Contact: <b>DAVE JOY</b> FAX#:  	BYEX Levels TPH Levels AVG. Levels
---	--	--

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES 2800 104th STREET SOUTH TACOMA, WA 98444</b>	Facility Phone #: <b>206/584-8430</b> Person to Contact: <b>RENEE AVELINO</b> FAX#: <b>206/584-8309</b>	Facility Permit Numbers
--	--	-------------------------

Transporter Name and Mailing Address:	Transporter's Phone #:	Transporter's US EPA ID No.:
	Person to Contact:	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS:

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			106700	38160	68540
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			3427		

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month	Day	Year
---------------------	--	---------------------	-------	-----	------

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

Print or Type Name:	Signature and date:	Month	Day	Year
---------------------	---------------------	-------	-----	------

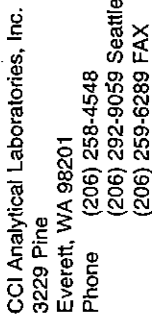
Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:	
Print or Type Name: <b>Renee Avelino</b>	Signature and date: <i>Renee Avelino</i>

Generator and/or Consultant

Transporter

Recycling Facility



## Chain of Custody / Laboratory Analysis Request

Date 11/2/95 Page 1 of 1

ANALYSIS REQUESTED				OTHER (Specify)			
WTPH-G <input type="checkbox"/> WTPH-D <input type="checkbox"/> 8015 MODIFIED WPTH-418.1 BTEX WTPH-HCID EPA 8020 <input type="checkbox"/> 602 <input type="checkbox"/> EPA 8010 <input type="checkbox"/> 601 <input type="checkbox"/> EPA 8240 <input type="checkbox"/> 624 <input type="checkbox"/> 8260 <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 625 <input type="checkbox"/> EPA 8080 <input type="checkbox"/> 608 <input type="checkbox"/> PCB only <input type="checkbox"/> Pest only <input type="checkbox"/> Metals Priority Pollutant <input type="checkbox"/> RCRA <input type="checkbox"/> TAL <input type="checkbox"/> Metals Other (Specify) TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> Semi-Vol <input type="checkbox"/> Pest <input type="checkbox"/> Herb <input type="checkbox"/>				LOTPH-D Ext.			
NUMBER OF CONTAINERS				RECEIVED IN GOOD CONDITION?			

SAMPLER'S NAME	DATE	TIME	TYPE	LAB #
PROJECT <u>Q Link - North Seattle</u> # <u>          </u>				
PROJECT MANAGER <u>Michael Lam</u> PH# <u>927 5233</u>				
REPORT/INVOICE MAILING ADDRESS <u>33516 9th Ave S</u>				
<u>Alley 6</u>				
<u>Fed Way</u> <u>LOT 98003</u>				
SAMPLER'S NAME <u>ML</u> PH# <u>          </u>				
SAMPLE I.D.	DATE	TIME	TYPE	LAB #
1. <u>W0-1</u>	<u>11/20</u>		<u>Soil</u>	
2. <u>W0-2</u>				
3. <u>W0-3</u>				
4. <u>W0-4</u>				
5. <u>W0-5</u>				
6. <u>AT-1</u>				
7. <u>AT-2</u>				
8. <u>          </u>				
9. <u>          </u>				
10. <u>          </u>				

## SPECIAL INSTRUCTIONS

## POSSIBLE SAMPLE HAZARDS

**SIGNATURES (Name, Company, Date, and Time):**

1. Relinquished By: Indira NR 11/2/95  
Received By: Phil Bogan CCAC 11/8/95 2:45

2. Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_





CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/8/95  
CCIL JOB #: 511004  
CCIL SAMPLE #: 1  
DATE RECEIVED: 11/2/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: W0-1 11/2/95

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION	ANALYSIS	ANALYSIS
				LEVEL***	DATE	BY
TPH-DIESEL RANGE	WTPH-D EXT	830	MG/KG	200MG/KG	11/6/95	ERM
TPH-OIL RANGE	WTPH-D EXT	3000	MG/KG	200MG/KG	11/6/95	ERM
TPH-GASOLINE	WTPH-G	350	MG/KG	100MG/KG	11/8/95	KLP
ARSENIC	EPA-7060	3	MG/KG		11/8/95	JLB
CADMIUM	EPA-7130	ND(<0.2)	MG/KG		11/8/95	JLB
CHROMIUM	EPA-7190	13	MG/KG		11/8/95	JLB
LEAD	EPA-7420	ND(<10)	MG/KG		11/8/95	JLB

NOTE: DIESEL RESULT DUE TO FRONT OF OIL RANGE PRODUCT ELUTING IN DIESEL RANGE  
WTPH-G CHROMATOGRAM INDICATES MINERAL SPIRITS TYPE PRODUCT IN GASOLINE RANGE

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

\*\*\* ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY. THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY DECISIONS BASED ON ANALYTICAL DATA

APPROVED BY:



CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/8/95  
CCIL JOB #: 511004  
CCIL SAMPLE #: 2  
DATE RECEIVED: 11/2/95  
WDOE ACCREDITATION #: C142

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: W0-2 11/2/95

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/6/95	ERM
TPH-OIL RANGE	WTPH-D EXT	65	MG/KG	200MG/KG	11/6/95	ERM

\*\*\* ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY. THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY DECISIONS BASED ON ANALYTICAL DATA

Page 1



CCI  
ANALYTICAL  
LABORATORIES, INC.

### CERTIFICATE OF ANALYSIS

CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/8/95  
CCIL JOB #: 511004  
CCIL SAMPLE #: 3  
DATE RECEIVED: 11/2/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: W0-3 11/2/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/3/95	ERM
TPH-OIL RANGE	WTPH-D EXT	ND(<50)	MG/KG	200MG/KG	11/3/95	ERM

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

\*\*\* ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY  
CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY.  
THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY  
DECISIONS BASED ON ANALYTICAL DATA

APPROVED BY: 



CCI  
ANALYTICAL  
LABORATORIES, INC.

### CERTIFICATE OF ANALYSIS

CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/8/95  
CCIL JOB #: 511004  
CCIL SAMPLE #: 4  
DATE RECEIVED: 11/2/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: W0-4 11/2/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	120	MG/KG	200MG/KG	11/3/95	ERM
TPH-OIL RANGE	WTPH-D EXT	560	MG/KG	200MG/KG	11/3/95	ERM

NOTE: DIESEL RESULT DUE TO FRONT OF OIL RANGE PRODUCT ELUTING IN DIESEL RANGE  
CHROMATOGRAM INDICATES MINERAL SPIRITS TYPE PRODUCT IN GASOLINE RANGE

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

\*\*\* ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY  
CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY.  
THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY  
DECISIONS BASED ON ANALYTICAL DATA

APPROVED BY: 



CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

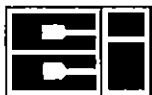
DATE: 11/8/95  
CCIL JOB #: 511004  
CCIL SAMPLE #: 5  
DATE RECEIVED: 11/2/95  
WDOE ACCREDITATION #: C142

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: W0-5 11/2/95

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	240	MG/KG	200MG/KG	11/3/95	ERM
TPH-OIL RANGE	WTPH-D EXT	1100	MG/KG	200MG/KG	11/3/95	ERM

\*\*\* ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY. THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY DECISIONS BASED ON ANALYTICAL DATA

Page 1



CCI  
ANALYTICAL  
LABORATORIES, INC.

### CERTIFICATE OF ANALYSIS

CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/8/95  
CCIL JOB #: 511004  
CCIL SAMPLE #: 6  
DATE RECEIVED: 11/2/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: AT-1 11/2/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/6/95	ERM
TPH-OIL RANGE	WTPH-D EXT	83	MG/KG	200MG/KG	11/6/95	ERM

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

\*\*\* ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY  
CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY.  
THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY  
DECISIONS BASED ON ANALYTICAL DATA

APPROVED BY: CPB



CCI  
ANALYTICAL  
LABORATORIES, INC.

### CERTIFICATE OF ANALYSIS

CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/8/95  
CCIL JOB #: 511004  
CCIL SAMPLE #: 7  
DATE RECEIVED: 11/2/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: AT-2 11/2/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	110	MG/KG	200MG/KG	11/3/95	ERM
TPH-OIL RANGE	WTPH-D EXT	590	MG/KG	200MG/KG	11/3/95	ERM

NOTE: DIESEL RESULT DUE TO FRONT OF OIL RANGE PRODUCT ELUTING IN DIESEL RANGE

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

\*\*\* ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY  
CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY.  
THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY  
DECISIONS BASED ON ANALYTICAL DATA

APPROVED BY: CRF



CCI  
ANALYTICAL  
LABORATORIES, INC.

### CERTIFICATE OF ANALYSIS

CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/8/95  
CCIL JOB #: 511004

DATE RECEIVED: 11/2/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE

### QUALITY CONTROL RESULTS

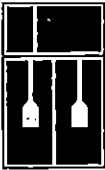
#### SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
511004-01	WTPH-D EXT	C25	*
511004-01	WTPH-G	TFT	*
511004-02	WTPH-D EXT	C25	94
511004-03	WTPH-D EXT	C25	91
511004-04	WTPH-D EXT	C25	105
511004-05	WTPH-D EXT	C25	111
511004-06	WTPH-D EXT	C25	96
511004-07	WTPH-D EXT	C25	93

\* SURROGATE DILUTED OUT OF CALIBRATION RANGE

APPROVED BY: 





CCI Analytical Laboratories, Inc.  
3229 Pine  
Everett, WA 98201  
Phone (206) 258-4548  
(206) 292-9059 Seattle  
(206) 259-6289 FAX

# Chain of Custody / Laboratory Analysis Request

Date 11/14/95 Page 1 Of 1

PROJECT Q Lube - North Seattle #  
PROJECT MANAGER Michael Lam PH#  
REPORT/INVOICE MAILING ADDRESS 33576 9th Ave S  
Bldg 6  
Fed Wy, WA 98003  
SAMPLER'S NAME ML PH#

## ANALYSIS REQUESTED

WTPH-G ☐ WTPH-D ☐ 8015 MODIFIED ☐  
WPTH-418.1 ☐ BTX ☐ WTPH-HCID ☐  
EPA 8020 ☐ 602 ☐ EPA 8010 ☐ 601 ☐  
EPA 8240 ☐ 624 ☐ 8260 ☐  
EPA 8270 ☐ 625 ☐  
EPA 8080 ☐ 608 ☐ PCB only ☐ Pest only ☐  
Metals Priority Pollutant ☐ RCRA ☐ TAL ☐  
Metals Other (Specify) ☐  
TCLP Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herb ☐

## OTHER (Specify)

WTPH-D Extended

NUMBER OF CONTAINERS 2  
RECEIVED IN GOOD CONDITION? ☒

SAMPLE I.D.	DATE	TIME	TYPE	LAB #
1. <u>W0-6</u>	<u>11/7</u>		<u>Soil</u>	
2. <u>W0-7</u>	<u>"</u>		<u>"</u>	
3. <u>W0-8</u>	<u>"</u>		<u>"</u>	
4. <u>W0-9</u>	<u>"</u>		<u>"</u>	
5.				
6.				
7.				
8.				
9.				
10.				

## SPECIAL INSTRUCTIONS

## POSSIBLE SAMPLE HAZARDS

## SIGNATURES (Name, Company, Date, and Time):

1. Relinquished By: Michael Lam UAF 11/14/95 3:15 PM  
Received By: [Signature] C-2X 11/14/95 3:15  
2. Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_  
3. Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_  
4. Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_



CCI  
ANALYTICAL  
LABORATORIES, INC.

### CERTIFICATE OF ANALYSIS

CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/9/95  
CCIL JOB #: 511027  
CCIL SAMPLE #: 1  
DATE RECEIVED: 11/7/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: WO-6 11/7/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	120	MG/KG	200MG/KG	11/9/95	CBR
TPH-OIL RANGE	WTPH-D EXT	450	MG/KG	200MG/KG	11/9/95	CBR

NOTE: DIESEL RESULT DUE TO FRONT OF OIL RANGE PRODUCT ELUTING IN DIESEL RANGE  
CHROMATOGRAM INDICATES MINERAL SPIRITS TYPE PRODUCT IN GASOLINE RANGE

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

\*\*\* ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY  
CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY.  
THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY  
DECISIONS BASED ON ANALYTICAL DATA

APPROVED BY: CBR



# CERTIFICATE OF ANALYSIS

CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/9/95  
CCIL JOB #: 511027  
CCIL SAMPLE #: 2  
DATE RECEIVED: 11/7/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: WO-7 11/7/95

## DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/9/95	CBR
TPH-OIL RANGE	WTPH-D EXT	ND(<50)	MG/KG	200MG/KG	11/9/95	CBR

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

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APPROVED BY:



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### CERTIFICATE OF ANALYSIS

CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/9/95  
CCIL JOB #: 511027  
CCIL SAMPLE #: 3  
DATE RECEIVED: 11/7/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: WO-8 11/7/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/8/95	CBR
TPH-OIL RANGE	WTPH-D EXT	ND(<50)	MG/KG	200MG/KG	11/8/95	CBR

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

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### CERTIFICATE OF ANALYSIS

CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/9/95  
CCIL JOB #: 511027  
CCIL SAMPLE #: 4  
DATE RECEIVED: 11/7/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: WO-9 11/7/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/8/95	CBR
TPH-OIL RANGE	WTPH-D EXT	ND(<50)	MG/KG	200MG/KG	11/8/95	CBR

NOTE: DIESEL RESULT DUE TO FRONT OF OIL RANGE PRODUCT ELUTING IN DIESEL RANGE  
CHROMATOGRAM INDICATES MINERAL SPIRITS TYPE PRODUCT IN GASOLINE RANGE

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APPROVED BY: CRB



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DATE: 11/9/95  
CCIL JOB #: 511027

DATE RECEIVED: 11/7/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

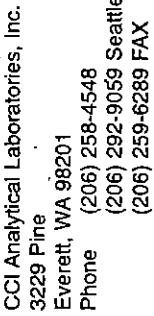
CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE

### QUALITY CONTROL RESULTS

#### SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
511027-01	WTPH-D EXT	C25	126
511027-02	WTPH-D EXT	C25	97
511027-03	WTPH-D EXT	C25	105
511027-04	WTPH-D EXT	C25	99

APPROVED BY: CRB



## Chain of Custody /

Date 10/31/15 Page \_\_\_\_\_

ANALYSIS REQUESTED				OTHER (Specify)				RECEIVED IN GOOD CONDITION?												
PROJECT <u>Libbe - North Seattle</u>	PROJECT MANAGER <u>Michael Jan</u>	REPORT/INVOICE MAILING ADDRESS <u>33216 9th Ave S</u>	SAMPLER'S NAME <u>M</u>	DATE <u>10/31</u>	TIME	TYPE <u>soil</u>	LAB #	WTPH-G <input type="checkbox"/> WTPH-D <input type="checkbox"/> 8015 MODIFIED <input type="checkbox"/> WPTH-418.1 BTEX WTPH-HCID EPA 8020 <input type="checkbox"/> 802 <input type="checkbox"/> EPA 8010 <input type="checkbox"/> 801 <input type="checkbox"/> EPA 8240 <input type="checkbox"/> 824 <input type="checkbox"/> 8260 <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 825 <input type="checkbox"/> EPA 8080 <input type="checkbox"/> 808 <input type="checkbox"/> PCB only <input type="checkbox"/> Pest only <input type="checkbox"/> Metals Priority Pollutant <input type="checkbox"/> RCRA <input type="checkbox"/> TAL <input type="checkbox"/> Metals Other (Specify) TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> Semi-Vol <input type="checkbox"/> Pest <input type="checkbox"/> Herb <input type="checkbox"/>	WTPH-HCID BTEX WPTH-418.1 WTPH-D <input type="checkbox"/> 8015 MODIFIED <input type="checkbox"/> EPA 8020 <input type="checkbox"/> 802 <input type="checkbox"/> EPA 8010 <input type="checkbox"/> 801 <input type="checkbox"/> EPA 8240 <input type="checkbox"/> 824 <input type="checkbox"/> 8260 <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 825 <input type="checkbox"/> EPA 8080 <input type="checkbox"/> 808 <input type="checkbox"/> PCB only <input type="checkbox"/> Pest only <input type="checkbox"/> Metals Priority Pollutant <input type="checkbox"/> RCRA <input type="checkbox"/> TAL <input type="checkbox"/> Metals Other (Specify) TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> Semi-Vol <input type="checkbox"/> Pest <input type="checkbox"/> Herb <input type="checkbox"/>	WTPH-HCID BTEX WPTH-418.1 WTPH-D <input type="checkbox"/> 8015 MODIFIED <input type="checkbox"/> EPA 8020 <input type="checkbox"/> 802 <input 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<input type="checkbox"/> Semi-Vol <input type="checkbox"/> Pest <input type="checkbox"/> Herb <input type="checkbox"/>	WTPH-HCID BTEX WPTH-418.1 WTPH-D <input type="checkbox"/> 8015 MODIFIED <input type="checkbox"/> EPA 8020 <input type="checkbox"/> 802 <input type="checkbox"/> EPA 8010 <input type="checkbox"/> 801 <input type="checkbox"/> EPA 8240 <input type="checkbox"/> 824 <input type="checkbox"/> 8260 <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 825 <input type="checkbox"/> EPA 8080 <input type="checkbox"/> 808 <input type="checkbox"/> PCB only <input type="checkbox"/> Pest only <input type="checkbox"/> Metals Priority Pollutant <input type="checkbox"/> RCRA <input type="checkbox"/> TAL <input type="checkbox"/> Metals Other (Specify) TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> Semi-Vol <input type="checkbox"/> Pest <input type="checkbox"/> Herb <input type="checkbox"/>	WTPH-HCID BTEX WPTH-418.1 WTPH-D <input type="checkbox"/> 8015 MODIFIED 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## SPECIAL INSTRUCTIONS

## POSSIBLE SAMPLE HAZARDS

**SIGNATURES (Name, Company, Date, and Time):**

1. Relinquished By: William 10/31/15 3:00 PM  
Received By: CC III 10/31/15 3:10 PM

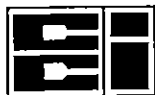
2. Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

**3. Relinquished By:**

Received By: \_\_\_\_\_

**4. Relinquished By:**

Received By: \_\_\_\_\_



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### CERTIFICATE OF ANALYSIS

CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/1/95  
CCIL JOB #: 510083  
CCIL SAMPLE #: 1  
DATE RECEIVED: 10/31/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: 01 10/31/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/1/95	CBR
TPH-OIL RANGE	WTPH-D EXT	ND(<50)	MG/KG	200MG/KG	11/1/95	CBR

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APPROVED BY:





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33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/1/95  
CCIL JOB #: 510083  
CCIL SAMPLE #: 2  
DATE RECEIVED: 10/31/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: 02 10/31/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/1/95	CBR
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DATE: 11/1/95  
CCIL JOB #: 510083  
CCIL SAMPLE #: 3  
DATE RECEIVED: 10/31/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: 03 10/31/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/1/95	CBR
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FEDERAL WAY, WA 98003

DATE: 11/1/95  
CCIL JOB #: 510083  
CCIL SAMPLE #: 4  
DATE RECEIVED: 10/31/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: 04 10/31/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/1/95	CBR
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CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/1/95  
CCIL JOB #: 510083  
CCIL SAMPLE #: 5  
DATE RECEIVED: 10/31/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: 05 10/31/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/1/95	CBR
TPH-OIL RANGE	WTPH-D EXT	ND(<50)	MG/KG	200MG/KG	11/1/95	CBR

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DATE: 11/1/95  
CCIL JOB #: 510083  
CCIL SAMPLE #: 6  
DATE RECEIVED: 10/31/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: 06 10/31/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/1/95	CBR
TPH-OIL RANGE	WTPH-D EXT	ND(<50)	MG/KG	200MG/KG	11/1/95	CBR

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

\*\*\* ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY  
CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY.  
THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY  
DECISIONS BASED ON ANALYTICAL DATA

APPROVED BY: clb



CCI  
ANALYTICAL  
LABORATORIES, INC.

### CERTIFICATE OF ANALYSIS

CLIENT: NOWICKI AND ASSOCIATES  
33516 9TH AVE S, BLDG #6  
FEDERAL WAY, WA 98003

DATE: 11/1/95  
CCIL JOB #: 510083  
CCIL SAMPLE #: 7  
DATE RECEIVED: 10/31/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE  
CLIENT SAMPLE ID: 07 10/31/95

### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-DIESEL RANGE	WTPH-D EXT	ND(<25)	MG/KG	200MG/KG	11/1/95	CBR
TPH-OIL RANGE	WTPH-D EXT	ND(<50)	MG/KG	200MG/KG	11/1/95	CBR

\* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

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APPROVED BY: CRJ



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DATE RECEIVED: 10/31/95  
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MICHAEL LAM

CLIENT PROJECT ID: Q LUBE -NORTH SEATTLE

### QUALITY CONTROL RESULTS

#### SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
510083-01	WTPH-D EXT	C25	86
510083-02	WTPH-D EXT	C25	88
510083-03	WTPH-D EXT	C25	59
510083-04	WTPH-D EXT	C25	93
510083-05	WTPH-D EXT	C25	79
510083-06	WTPH-D EXT	C25	91
510083-07	WTPH-D EXT	C25	70

APPROVED BY: 