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JUL - 8 1996

DEPT. OF ECOLOGY

The Goodyear Tire & Rubber Company
Akron, Ohio 44316 - 0001

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

July 3, 1996

MR JOE HICKEY
WASHINGTON STATE DEPARTMENT OF ECOLOGY
3190 160TH AVENUE SE
BELLEVUE, WA 98008-5452

UST Closure Report
Goodyear Auto Service Center #8332
2522 Pacific Avenue
Tacoma, WA

SW LS
9298
02841

Dear Mr Hickey:

Enclosed is a copy of the UST Closure Report for subject location dated June, 1996 as prepared by our consultant Glacier Environmental Services, Inc.

We are requesting No Further Action for this site based on the results of the enclosed Report.

If you have any questions, please contact the undersigned at (330) 796-7898 or Mr Curt Lightie at (206) 355-2826.

Very truly yours,

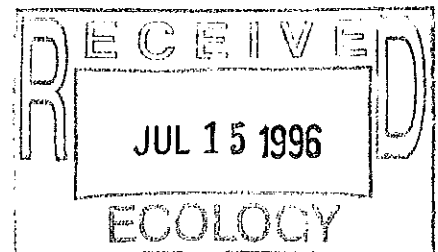
J M Smeglia/jmk

Principal Environmental Engineer
D/110F

J M Smeglia:jmk

Enclosure

cc: Mr Curt Lightie
Glacier Environmental Services, Inc.
12521 Evergreen Drive, Suite A
Mukilteo, WA 98275



4/26/96
2:45 PM
INCIDENT ID: S3190

DEPARTMENT OF ECOLOGY
ENVIRONMENTAL REPORT TRACKING SYSTEM
COMPLAINT INFORMATION

Good year
8332
PAGE 1

PROGRAM/ORGANIZATION: TCP

DATE: 04/26/1996

URGENT RESPONSE?:

COORDINATOR: WALL SHERRI

REPORT 1 OF 1

DATE/TIME REC'D: 04/26/1996 8:10 AM

REPORT TYPE: INITIAL

CALLER NAME: LIGHTLE CURT
GLASIER ENVIRONMENTAL
PHONE: W 206-355-2826 EXT:

ANONYMOUS?: N

TYPE:

COUNTY: PIERCE

CITY: TACOMA

MEDIUM: SOIL
MATERIAL: OIL/PETROLEUM
WASTE/USED OIL

QTY: 550
OTHER:

UNIT: GALLON

HAZARDOUS:

CAUSE: LEAKING UNDERGROUND STORAGE TANK

IMPACT: SOIL CONTAMINATION

SOURCE: UNDERGROUND STORAGE TANK

ACTIVITY: OTHER CONSTRUCTION

ALLEGED VIOLATOR 1: SAMS TIRE SERVICE

ADDRESS: 2522 PACIFIC AVE

TACOMA WA

ADDITIONAL INFORMATION ON INCIDENT:

THEY PULLED A 550 GALLON WASTE OIL TANK AND THEY FOUND POSSIBLE CONTAMINATION. THERE WAS APPROX. 100 GALLONS LEFT IN THE TANK. HE IS WAITING FOR ANALYTICAL RESULTS BEFORE MAILING IN REPORT.

INVESTIGATOR: L. Good

DATE STARTED: 6/1/96 DATE COMPLETED: 6/17/96

ACTION: Put on UST database ACTION DATE: 6/17/96

NARRATIVE:

25 yds
Rabanco

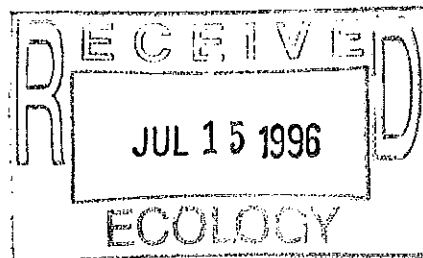
RECEIVED
JUL - 8 1996
DEPT. OF ECOLOGY

**UST CLOSURE
GOODYEAR AUTO SERVICE CENTER
GASC # 8332
2522 PACIFIC AVENUE
TACOMA, WASHINGTON**

SW LS
9298
J2841

Prepared by:
Glacier Environmental Services, Inc.
12521 Evergreen Drive
Mukilteo, Washington 98275

Prepared for:
Goodyear Tire and Rubber Company
1144 East Market Street
Akron, Ohio 44316



June, 1996

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Executive Summary

On April 24, 1996, under contract to Goodyear Tire and Rubber Company (Goodyear), a 680 gallon Underground Storage Tank (UST) was removed by Glacier Environmental Services, Inc (Glacier) from the Goodyear Service Station, 2522 Pacific Avenue, Tacoma, Washington. Upon removal of the UST Glacier conducted a site assessment to determine if a release had occurred. Field observations and analytical results from this effort confirmed that petroleum hydrocarbons greater than Washington State Model Toxics Control Act (MTCA) Method A cleanup levels existed in the stockpiled soil and the excavation's eastern sidewall. Release confirmation was reported to the Washington State Department of Ecology's Northwest Regional office on April 25, 1996. The excavation was then backfilled and the petroleum contaminated soil (PCS) was stockpiled and covered.

On May 20, 1996, Glacier returned to the site to over-excavate and stockpile PCS from the eastern sidewall of the excavation which previously contained the UST referenced above. Glacier's effort began by removing approximately 7 cubic yards of PCS from the contaminated sidewall until field screen methods (infra-red analyzer and pan sheen tests) indicated the sidewall was below MTCA cleanup levels. Upon completion of these efforts, a representative soil sample was collected from the excavation sidewall, and submitted to CCI Laboratories, Inc. (CCI) in Everett, Washington. Laboratory results confirmed the eastern sidewall to be below cleanup levels. On May 31, 1996, Glacier returned to the site and removed all stockpiled PCS. Soil was transported to Regional Disposal Company for disposal at their Western Washington facility.

1.0 Report Date:

June 10, 1996

2.0 Submitted to:

Washington State Department of Ecology and the Pierce County Health Department.

3.0 Owners Name:

Goodyear Tire and Rubber Company.

4.0 Location of Property:

2522 Pacific Avenue, Tacoma, Washington

Please see Exhibit A for maps and drawings depicting location of subject property.

5.0 On-site Personnel:

Glacier Environmental Services, Inc.
12521 Evergreen Drive
Mukilteo, Washington 98275
(206) 355-2826

April 24, 1996 Field Event	Curt Lightle, Site Assessor Thayne Wastman, Project Supervisor Mike Sisk, Equipment Operator
April 26, 1996 Field Event	Mike Sisk, Equipment Operator
May 20, 1996 Field Event	Curt Lightle, Site Assessor Mike Sisk, Equipment Operator
May 31, 1996 Field Event	Ron Mills, Laborer Mike Sisk, Equipment Operator

6.0 Scope and Conditions:

This report is intended to document the excavation and disposal of petroleum contaminated soils resulting from the closure of the subject UST. It is a summary of observations, disposal receipts, laboratory reports and other relevant documents required by the Washington State Department of Ecology and the Pierce County Health Department.

This report has been prepared on behalf of the client, Goodyear Tire and Rubber Company, and to the best of our knowledge, it fairly and accurately describes the activities that occurred during the period of time covered by the report. Glacier personnel were on-site during all excavation of petroleum contaminated soil; all soil samples were taken by our own personnel and submitted to qualified testing laboratories for their independent analyses and written reports.

7.0 Location of Tank on Property:

The subject UST was located on the north side of the service building at the west end of the parking lot.

Please see property drawings in Exhibit A.

8.0 System Data:

SIZE (gal)	TYPE	CONTENTS	STATUS
680	Single Wall Steel UST	Waste Oil	Decommissioned

9.0 Site History:

Currently, the subject commercial property is in use as an automotive service station. The removal and permanent closure of the tank system occurred on April 24, 1996.

10.0 Notification and Permits:

The site is under the authority of the Washington State Department of Ecology. All notifications and permits were submitted to this department in April, 1995. The permit for removal (Permit # 96029) was issued to the owner of the property on April 18, 1996.

Copies of relevant documentation is provided in Exhibit B.

11.0 Tank Removal Chronology:

April 24, 1996

- Mobilization
- Pumping of tank and removal of contents from site
- Concrete and tank removal
- Soil excavation and sampling

April 26, 1996

- Backfill excavation

May 20, 1996

- Additional excavation and sampling
- Additional Backfilling

May 31, 1996

- Removal of PCS from site.

12.0 Visual Observations:

The site is underlain with an imported backfill. This material consists primarily of brown, poorly sorted medium to fine grained sand with minor silt and gravel. The base of the UST was at approximately 8' bgs and a slight odor emanated from the open excavation.

13.0 Sampling Procedures:

All samples were collected by Curtis Lightle, Glacier Environmental Services, Inc. in accordance with sampling protocol as described by the Washington State Department of Ecology. All excavation and stockpile samples were grab samples. Samples were screened using visual, odor and pan sheen tests. An Infra-red analyzer was used to screen samples during over excavation activities. Excavation activities continued until field screen tests indicated the excavation sidewalls and bottom were free from contamination. Samples were then collected and placed immediately into an iced cooler until delivery to the laboratory. CCI Laboratories, Everett, Washington conducted all analyses using WTPH-418.1, EPA 8240, EPA 8080 and EPA 7000 (metals).

14.0 Sample Screening:

All samples were screened using visual, odor and pan sheen tests. An infra-red analyzer was used to screen samples during over excavation activities.

15.0 Laboratory Findings:

On April 24, 1996 the samples, while still on ice were delivered to :

CCI Laboratories
3229 Pine
Everett, Washington 98201

an independent laboratory selected to perform the required analyses. The table below, summarizes the laboratory results. All sample documentation and drawings are included in exhibit C.

<u>SAMPLE#</u>	<u>LOCATION</u>	<u>PARAMETER</u>	<u>RESULT</u>
SW-N	North side of excavation 4' bgs	WTPH-418.1	ND (<100mg/kg)
SW-S	South side of excavation 5' bgs	WTPH-418.1	ND (<100mg/kg)
SW-W	West side of excavation 4.5' bgs	WTPH-418.1	ND (<100mg/kg)
SW-E	East side of excavation 5' bgs	WTPH-418.1 EPA 8240 (Volatile Organics) EPA 8080 (PCB) EPA 7190 (Chromium) EPA 7210 (Copper) EPA 7420 (lead) EPA 7950 (Zinc)	400 mg/kg ND ND 15 mg/kg 30 mg/kg 52 mg/kg 130 mg/kg
BT-1	Excavation bottom 8.5' bgs	WTPH-418.1	ND (<100mg/kg)
SS-1	Stockpile sample taken to characterize soil for disposal	WTPH-418.1	420 mg/kg
SS-2	Stockpile sample taken to characterize soil for disposal	WTPH-418.1	190 mg/kg
SS-3	Stockpile sample taken to characterize soil for disposal	WTPH-418.1	270 mg/kg
SW-CHASE	Sample taken from eastern sidewall after over-excavation	WTPH-418.1	ND (<100mg/kg)

bgs = below grade surface

mg/kg = parts per million

ND = Not detected above action level for analyte

16.0 Re-excavating and Re-sampling:

On May 20, 1996 Glacier returned to the site to conduct additional excavation from the eastern sidewall of the excavation, and then re-sampled the excavation sidewall. Samples were handled in the same manner as described above. Sample data is included in the table above.

17.0 Backfilling:

Approximately 38 yards of backfill was imported from Miles Sand and Gravel, Inc., placed in the excavation and compacted using a hoe pack. Final concrete resurfacing was completed on May 31, 1996.

18.0 Disposal:

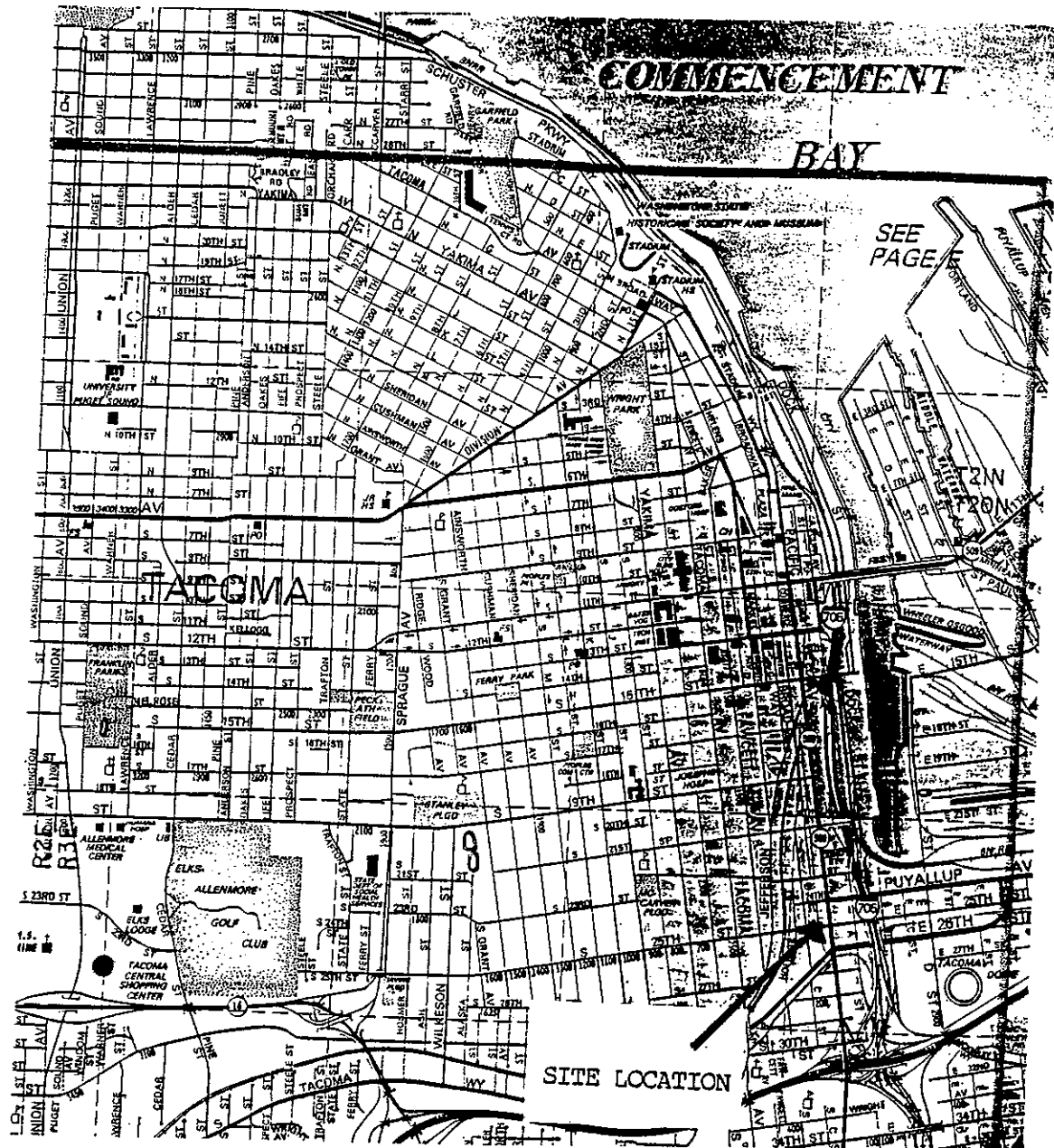
Approximately 38 cubic yards of PCS was transported to Regional Disposal Company and disposed of at their facility. Disposal receipts can be found in Exhibit E.

19.0 Conclusions:

Glacier Environmental Services, Inc. believes that all of the procedures, methods, and tests required by law and by good commercial practice have been carried out in a proper manner.

All of the excavated soil, the clean tank system components and contaminated liquids and sludge were properly removed from the site and disposed of. Based on all of the data and information gathered during the UST removal and subsequent excavation of petroleum impacted soil, it is our opinion that this site needs no further remedial action.

EXHIBIT A
VICINITY AND SITE MAPS



**GLACIER ENVIRONMENTAL
SERVICES, INC.**

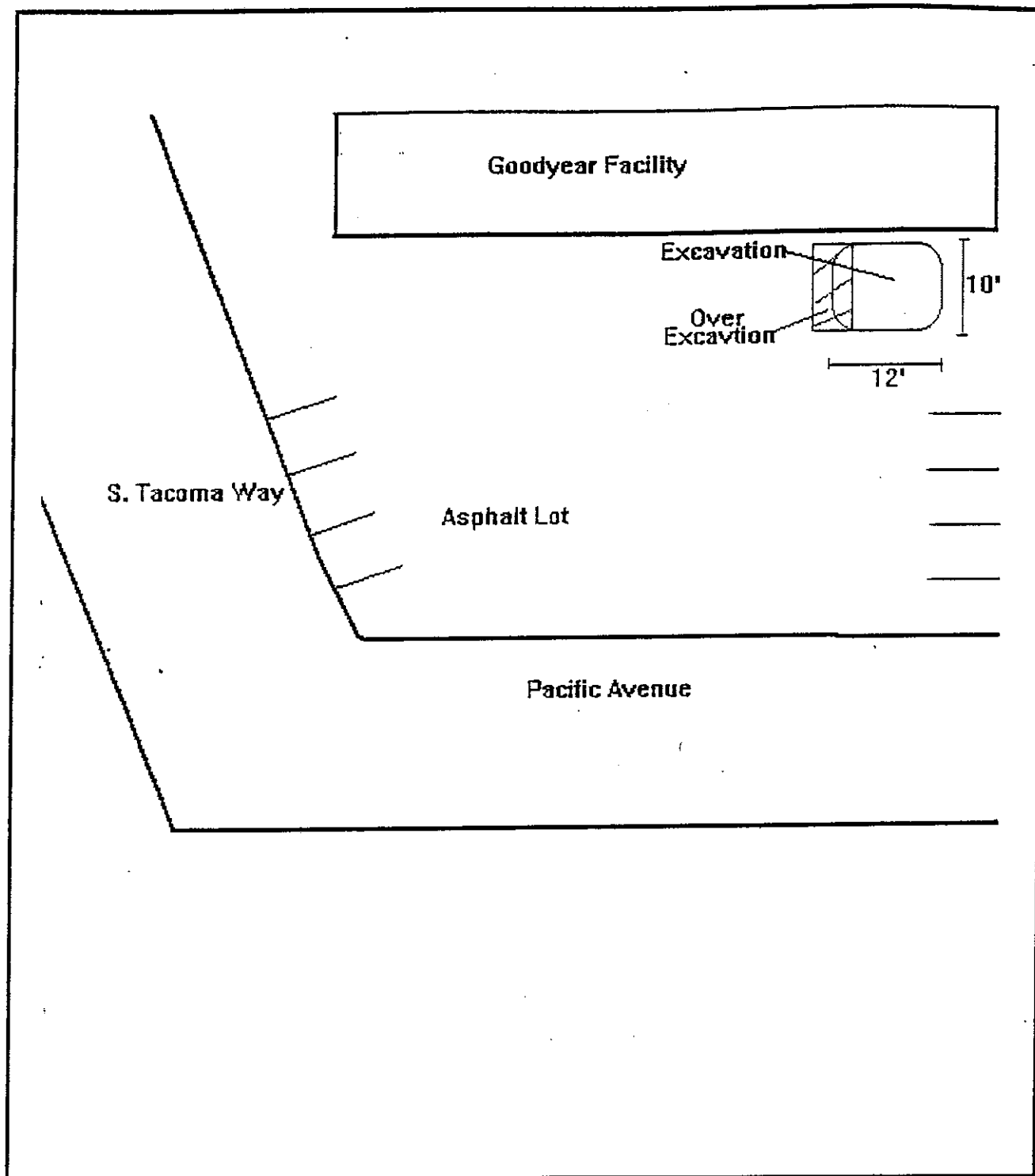
12521 Evergreen Drive, Suite A
Mukilteo, WA 98275

DRAWN BY: CL
DATE: 6/10/96
JOB #: 96-041

FIGURE 1 - VICINITY MAP

GOODYEAR TIRE & RUBBER
2522 Pacific Avenue
Tacoma, Washington

SCALE: Not to Scale



**GLACIER ENVIRONMENTAL
SERVICES, INC.**

12521 Evergreen Drive, Suite A
Mukilteo, WA 98275

DRAWN BY: CL
DATE: 6/10/96
JOB #: 96-041

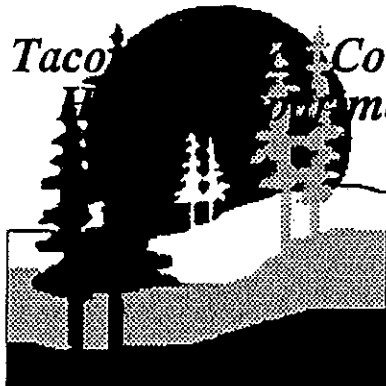
FIGURE 2 -Site Map

GOODYEAR TIRE & RUBBER
2522 Pacific Avenue
Tacoma, Washington

SCALE: Not to Scale

EXHIBIT B
PERMITS AND APPLICATIONS

Tacoma-Pierce County
Health Department



Permit # 96029

UNDERGROUND STORAGE TANK REMOVAL PERMIT

Tacoma-Pierce County Health Department (TPCHD)

Site Location 2522 Pac. Ave
Facility Name Sam's Tire Service/Goodyear
Removal Firm Glacier Env. Services, Inc
Number of Tanks to be Removed 1

All work must be performed in accordance with current laws, ordinances, resolutions and rules and regulations.

Cynthia Ruppert
Approval Signature

VALIDATION:

Health-Environment Health
For Deposit Only.

TPCHD-TACOMA_Wash

1611 490.00 TOTAL

11 1611 490.00 CHECK

000001 04-18-93 712:04

Forty-eight (48) hour notice must be provided to the TPCHD prior to removal/abandonment.
Site assessment report for TPCHD due 90 days after removal.

Permit must be accessible at site - DO NOT ALTER OR DEFACE.
Expires 180 days from validation date.

**CERTIFICATION
REGIONAL DISPOSAL COMPANY**
200 - 112th Avenue NE, Suite 300
Bellevue, WA 98004

Telephone: (206) 646-2400 / Fax: (206) 646-2440

Certification No. _____

GENERAL INFORMATION FOR CONTAMINATED SOIL

- (1) Customer Name: Glacier Environmental Telephone: (206) 355-2826
Address 12521 Evergreen WA 98275 Fax: (206) 310-9186
Street City State Zip
- (2) Property Owner Name (where soil originated): Goodyear Telephone: (206) 627-7788
(If different from #1)
Address 2522 Pacific Ave Tacoma WA 98402 Fax: ()
Street City State Zip
- (3) Handler Name: Shear Transport Telephone: (206) 939-3205
Address 26719 St. Route 410 E. Buckles WA 98321 Fax: (206) 939-4126
Street City State Zip
- (4) Consultant Name: Glacier Environmental Telephone: (206) 355-2826
Address 12521 Evergreen Dr. Mukilteo WA 98275 Fax: (206) 770-9196
Street City State Zip
- (5) Amount of Waste: ~40 y3 (6) Waste's Current Location: 2522 Pacific Ave Tacoma
- (7) Original Location of Contaminated Soil: 2522 Pacific Ave Tacoma WA
- (8) Activity Which Generated Waste: Removal of Underground Tank
- (9) Does Waste Have Potential to Create Fugitive Dust? YES ☐ NO ☒
- If YES, what is your plan of action to mitigate dust? _____

(Continue on separate sheet, if necessary)

- (10) Please check appropriate boxes describing which occurred on or near the soil's current and original locations:

	Current Location	Original Location		Current Location	Original Location
a. Tank Storage: Petroleum Products	<input type="checkbox"/>	<input type="checkbox"/>	g. Wrecking / Materials Recovery	<input type="checkbox"/>	<input type="checkbox"/>
b. Tank Storage: Waste Oil or Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	h. Manufacturing	<input type="checkbox"/>	<input type="checkbox"/>
c. Fuel Handling or Transfer	<input type="checkbox"/>	<input type="checkbox"/>	i. Painting/Sealing	<input type="checkbox"/>	<input type="checkbox"/>
d. Handling or Transfer of Other Liquids	<input type="checkbox"/>	<input type="checkbox"/>	j. Waste Disposal	<input type="checkbox"/>	<input type="checkbox"/>
e. Wood Preservative Handling	<input type="checkbox"/>	<input type="checkbox"/>	k. Other (please describe)	<input type="checkbox"/>	<input type="checkbox"/>
f. Use of Solvents	<input type="checkbox"/>	<input type="checkbox"/>			

CONTAMINATED SOIL WASTE ANALYSIS

Customer shall indicate completion of the following by initials:

- CL 1. Waste samples were collected in accordance with WAC 173-303-110(2).
CL 2. Lab analytical procedures complied with WAC 173-303-110(3).
CL 3. Waste has been analyzed in accordance with RDC's latest waste acceptance protocols.
CL 4. Chain of custody and lab analytical data for required waste analyses is attached.

Customer certifies that:

- The Waste sampled and intended for disposal under this Certification is neither Dangerous nor Extremely Hazardous Waste as determined by Ch. 173-303 WAC.
- The Waste has no free liquids per WAC 173-303-110(3)(i).
- Customer further certifies that to the best of its knowledge, there have been no alterations to the Waste that would affect the accuracy of the analyses performed above; that there have been no material changes in the character of the Waste after the analyses were performed which would render those analyses inaccurate; and that the samples analyzed are representative of the Waste to be tendered to Regional Disposal Company.

This document (including its attachments) is hereby incorporated into the MASTER SERVICE AGREEMENT for CONTAMINATED SOIL executed by Glacier Environmental (Customer) and Regional Disposal Company on 5-17-96. If there are conflicts between this Certification and the Agreement, the Agreement's terms shall prevail.

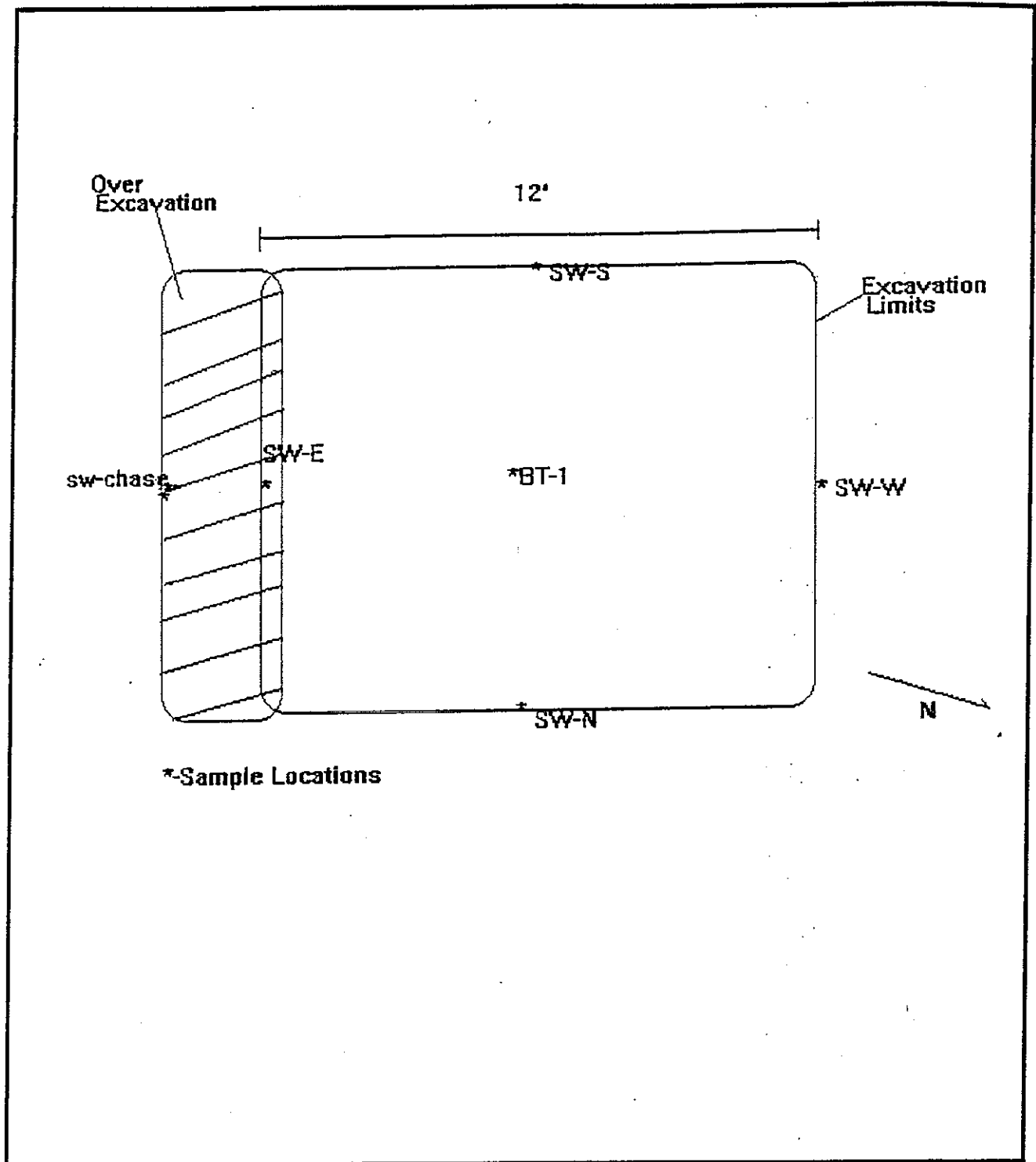
Authorized Customer Signature

Printed Name and Title

Date

Revised 12/94

EXHIBIT C
SAMPLE LOCATION MAPS



<p>GLACIER ENVIRONMENTAL SERVICES, INC.</p> <p>12521 Evergreen Drive, Suite A Mukilteo, WA 98275</p>	<p>DRAWN BY: CL</p> <p>DATE: 6/10/96</p> <p>JOB #: 96-041</p>	<p>FIGURE 3 -Sample Map</p> <p>GOODYEAR TIRE & RUBBER</p> <p>2522 Pacific Avenue Tacoma, Washington</p> <p>SCALE: Not to Scale</p>
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EXHIBIT D
LABORATORY DATA AND CHAIN OF CUSTODY



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ANALYTICAL
LABORATORIES, INC.

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GLACIER - MUKILTEC

CERTIFICATE OF ANALYSIS

CLIENT: GLACIER ENVIRONMENTAL SERVICES
12521 EVERGREEN DRIVE
SUITE A
MUKILTEO, WA 98275

DATE: 4/29/96
CCIL JOB #: 604074
CCIL SAMPLE #: 1
DATE RECEIVED: 4/25/96
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MIKE HOLZSCHUH

CLIENT PROJECT ID: GOODYEAR-TACOMA
CLIENT SAMPLE ID: SS-1 4/24/96

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	420	MG/KG	200MG/KG	4/29/96	JLB

* "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: CRJ



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ANALYTICAL
LABORATORIES, INC.

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MAY - 6 1996

GLACIER - MUKILTEO

CERTIFICATE OF ANALYSIS

CLIENT: GLACIER ENVIRONMENTAL SERVICES
12521 EVERGREEN DRIVE
SUITE A
MUKILTEO, WA 98275

DATE: 4/29/96
CCIL JOB #: 604074
CCIL SAMPLE #: 8
DATE RECEIVED: 4/25/96
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MIKE HOLZSCHUH

CLIENT PROJECT ID: GOODYEAR-TACOMA
CLIENT SAMPLE ID: SW-W 4/24/96

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	ND(<100)	MG/KG	200MG/KG	4/29/96	JLB

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APPROVED BY: C12



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LABORATORIES, INC.

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GLACIER - MUKILTEO

CERTIFICATE OF ANALYSIS

CLIENT: GLACIER ENVIRONMENTAL SERVICES
12521 EVERGREEN DRIVE
SUITE A
MUKILTEO, WA 98275

DATE: 4/29/96
CCIL JOB #: 604074
CCIL SAMPLE #: 7
DATE RECEIVED: 4/25/96
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MIKE HOLZSCHUH

CLIENT PROJECT ID: GOODYEAR-TACOMA
CLIENT SAMPLE ID: SW-N 4/24/96

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	ND(<100)	MG/KG	200MG/KG	4/29/96	JLB

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APPROVED BY: CRB



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ANALYTICAL
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GLACIER - MUKILTEO

CERTIFICATE OF ANALYSIS

CLIENT: GLACIER ENVIRONMENTAL SERVICES
12521 EVERGREEN DRIVE
SUITE A
MUKILTEO, WA 98275

DATE: 4/29/96
CCIL JOB #: 604074
CCIL SAMPLE #: 5
DATE RECEIVED: 4/25/96
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MIKE HOLZSCHUH

CLIENT PROJECT ID: GOODYEAR-TACOMA
CLIENT SAMPLE ID: SW-E 4/24/96

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	400	MG/KG	200MG/KG	4/29/96	JLB

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APPROVED BY: CRB



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LABORATORIES, INC.

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GLACIER - MUKILTEO

CERTIFICATE OF ANALYSIS

CLIENT: GLACIER ENVIRONMENTAL SERVICES
12521 EVERGREEN DRIVE
SUITE A
MUKILTEO, WA 98275

DATE: 4/29/96
CCIL JOB #: 604074
CCIL SAMPLE #: 6
DATE RECEIVED: 4/25/96
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MIKE HOLZSCHUH

CLIENT PROJECT ID: GOODYEAR-TACOMA
CLIENT SAMPLE ID: SW-S 4/24/96

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	ND(<100)	MG/KG	200MG/KG	4/29/96	JLB

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APPROVED BY:



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ANALYTICAL
LABORATORIES, INC.

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MAY - 6 1996

GLACIER - MUKILTEC

CERTIFICATE OF ANALYSIS

CLIENT: GLACIER ENVIRONMENTAL SERVICES
12521 EVERGREEN DRIVE
SUITE A
MUKILTEO, WA 98275

DATE: 4/29/96
CCIL JOB #: 604074
CCIL SAMPLE #: 4
DATE RECEIVED: 4/25/96
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MIKE HOLZSCHUH

CLIENT PROJECT ID: GOODYEAR-TACOMA
CLIENT SAMPLE ID: BT-1 4/24/96

DATA RESULTS

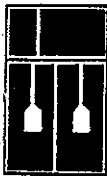
ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	ND(<100)	MG/KG	200MG/KG	4/29/96	JLB

* "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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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 Laboratories
3229 Pine
Everett, WA 98201
Phone (206) 258-4548
(206) 292-9059 Seattle
(206) 259-6289 FAX

Chain of Custody / Laboratory Analysis Request

Date 5-20-96 Page 1 Of 1

PROJECT Brooklyn-Tacoma # 96041
PROJECT MANAGER Mike Holtsch PH# 355-2826
REPORT/INVOICE MAILING ADDRESS Clarice

SAMPLER'S NAME Lee Lightle PH# 355-2826

SAMPLE I.D.	DATE	TIME	TYPE	LAB #
1. <u>511-Chase</u>	<u>5-20</u>	<u>1130</u>	<u>soil</u>	
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

ANALYSIS REQUESTED		OTHER (Specify)		NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
WTPH-G	<input type="checkbox"/>	WTPH-D <input type="checkbox"/> 8015 MODIFIED <input type="checkbox"/>	WPTH-418.1	<input checked="" type="checkbox"/>	
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"/>					

SPECIAL INSTRUCTIONS

POSSIBLE SAMPLE HAZARDS

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

1. Relinquished By: [Signature] 5-20-96 3:30 pm
Received By: [Signature] CCI gph, h, 5:30
2. Relinquished By: _____
Received By: _____

3. Relinquished By: _____
Received By: _____
4. Relinquished By: _____
Received By: _____

GLACIER

ENVIRONMENTAL SERVICES, INCORPORATED
12521 EVERGREEN DRIVE, SUITE A / LYNNWOOD, WA 98037
(206) 355-2826 FAX (206) 290-9185

Project Name: bad year - Tacoma

[illegible]



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: GLACIER ENVIRONMENTAL
12521 EVERGREEN DR, SUITE A
MUKILTEO, WA 98275

DATE: 5/23/96
CCIL JOB #: 805050
CCIL SAMPLE #: 1
DATE RECEIVED: 5/20/96
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MIKE HOLZSCHUH

CLIENT PROJECT ID: GOODYEAR-TACOMA 96041
CLIENT SAMPLE ID: SW-CHASE 5/20/96 11:30

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	ND(<100)	MG/KG	200MG/KG	5/22/96	JLB

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APPROVED BY: CPT



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LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: GLACIER ENVIRONMENTAL SERVICES
12521 EVERGREEN DRIVE
SUITE A
MUKILTEO, WA 98275

DATE: 5/27/96
CCIL JOB #: 604074
CCIL SAMPLE #: 5
DATE RECEIVED: 4/25/96
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MIKE HOLZSCHUH

CLIENT PROJECT ID: GOODYEAR-TACOMA

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
604074-01	EPA-8000	TCMX	52
604074-01	EPA-8000	DCB	84
604074-05	EPA-8240	1,2-DCE-44	114
604074-05	EPA-8240	TOLUENE-48	104
604074-05	EPA-8240	4-BFB	101
604074-05	EPA-8270	2,4,6-TRIBROMOPHENOL	93

APPROVED BY: 



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: GLACIER ENVIRONMENTAL SERVICES
12521 EVERGREEN DRIVE
SUITE A
MUKILTEO, WA 98275

DATE: 5/27/96
CCIL JOB #: 604074
CCIL SAMPLE #: 5
DATE RECEIVED: 4/25/96
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MIKE HOLZSCHUH

CLIENT PROJECT ID: GOODYEAR-TACOMA
CLIENT SAMPLE ID: SW-E 4/24/96

AMENDED REPORT WITH ADDITIONAL PARAMETERS

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	400	MG/KG	200MG/KG	4/29/96	JLB
CHLOROMETHANE	EPA-8240	ND(<100)	UG/KG		5/14/96	EAA
VINYL CHLORIDE	EPA-8240	ND(<100)	UG/KG		5/14/96	EAA
BROMOMETHANE	EPA-8240	ND(<100)	UG/KG		5/14/96	EAA
CHLOROETHANE	EPA-8240	ND(<100)	UG/KG		5/14/96	EAA
ACETONE	EPA-8240	ND(<250)	UG/KG		5/14/96	EAA
1,1-DICHLOROETHENE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
TRICHLOROFLUOROMETHANE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
CARBON DISULFIDE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
ACETONITRILE	EPA-8240	ND(<300)	UG/KG		5/14/96	EAA
METHYLENE CHLORIDE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
ACRYLONITRILE	EPA-8240	ND(<250)	UG/KG		5/14/96	EAA
1,1-DICHLOROETHANE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
TRANS-1,2-DICHLOROETHENE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
2-BUTANONE	EPA-8240	ND(<250)	UG/KG		5/14/96	EAA
CHLOROFORM	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
1,1,1-TRICHLOROETHANE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
CARBON TETRACHLORIDE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
1,2-DICHLOROETHANE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
BENZENE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
TRICHLOROETHENE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
1,2-DICHLOROPROPANE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
BROMODICHLOROMETHANE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
TRANS-1,3-DICHLOROPROPENE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
4-METHYL-2-PENTANONE	EPA-8240	ND(<250)	UG/KG		5/14/96	EAA
TOLUENE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
CIS-1,3-DICHLOROPROPENE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
1,1,2-TRICHLOROETHANE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
2-HEXANONE	EPA-8240	ND(<250)	UG/KG		5/14/96	EAA
TETRACHLOROETHYLENE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
DIBROMOCHLOROMETHANE	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA
BROMOFORM	EPA-8240	ND(<50)	UG/KG		5/14/96	EAA



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ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: GLACIER ENVIRONMENTAL SERVICES
12521 EVERGREEN DRIVE
SUITE A
MUKILTEO, WA 98275

DATE: 5/27/98
CCIL JOB #: 604074
CCIL SAMPLE #: 5
DATE RECEIVED: 4/25/98
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MIKE HOLZSCHUH

CLIENT PROJECT ID: GOODYEAR-TACOMA
CLIENT SAMPLE ID: SW-E 4/24/98

AMENDED REPORT WITH ADDITIONAL PARAMETERS

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
CHLOROBENZENE	EPA-8240	ND(<50)	UG/KG		5/14/98	EAA
ETHYLBENZENE	EPA-8240	ND(<50)	UG/KG		5/14/98	EAA
STYRENE	EPA-8240	ND(<50)	UG/KG		5/14/98	EAA
1,1,2,2-TETRACHLOROETHANE	EPA-8240	ND(<50)	UG/KG		5/14/98	EAA
1,2-DICHLOROBENZENE	EPA-8240	ND(<50)	UG/KG		5/14/98	EAA
1,3-DICHLOROBENZENE	EPA-8240	ND(<50)	UG/KG		5/14/98	EAA
1,4-DICHLOROBENZENE	EPA-8240	ND(<50)	UG/KG		5/14/98	EAA
XYLENES	EPA-8240	ND(<150)	UG/KG		5/14/98	EAA
PENTACHLOROPHENOL	EPA-8270	ND(<1100)	UG/KG		5/22/98	EAA
CHROMIUM	EPA-7190	15	MG/KG		5/15/98	JLB
COPPER	EPA-7210	30	MG/KG		5/16/98	JLB
LEAD	EPA-7420	52	MG/KG		5/15/98	JLB
ZINC	EPA-7930	130	MG/KG		5/16/98	JLB

NOTE: PCP AND VOLATILE ORGANIC ANALYSIS PERFORMED OUTSIDE OF HOLD TIME

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APPROVED BY: 



CCI
ANALYTICAL
LABORATORIES, INC.

RECEIVED

MAY - 6 1996

GLACIER - MUKILTEO

CERTIFICATE OF ANALYSIS

CLIENT: GLACIER ENVIRONMENTAL SERVICES
12521 EVERGREEN DRIVE
SUITE A
MUKILTEO, WA 98275

DATE: 4/29/96
CCIL JOB #: 604074
CCIL SAMPLE #: 2
DATE RECEIVED: 4/25/96
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MIKE HOLZSCHUH

CLIENT PROJECT ID: GOODYEAR-TACOMA
CLIENT SAMPLE ID: SS-2 4/24/96

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	190	MG/KG	200MG/KG	4/29/96	JLB

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APPROVED BY: CRB



CCI
ANALYTICAL
LABORATORIES, INC.

RECEIVED

MAY - 6 1996

GLACIER - MUKILTEO

CERTIFICATE OF ANALYSIS

CLIENT: GLACIER ENVIRONMENTAL SERVICES
12521 EVERGREEN DRIVE
SUITE A
MUKILTEO, WA 98275

DATE: 4/29/96
CCIL JOB #: 604074
CCIL SAMPLE #: 3
DATE RECEIVED: 4/25/96
WDOE ACCREDITATION #: C142

CLIENT CONTACT: MIKE HOLZSCHUH

CLIENT PROJECT ID: GOODYEAR-TACOMA
CLIENT SAMPLE ID: SS-3 4/24/96

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-HEAVY OIL	WTPH-418.1	270	MG/KG	200MG/KG	4/29/96	JLB

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APPROVED BY: CRH

EXHIBIT E
DISPOSAL RECEIPTS

BILL OF LADING
PRODUCT TRANSPORT MANIFEST
MARINE VACUUM SERVICE INC.
24 HOUR EMERGENCY PHONE NUMBER (206) 762-0240
TRUCK NUMBER _____ DATE 7/24/96

TO
DESTINATION
NAME WUS
STREET _____
CITY / STATE Seattle

FROM
SHIPPER
NAME Glacier
STREET _____
CITY / STATE _____

QUANTITY	PROPER SHIPPING NAME	UN (PLACARD) NUMBER
1 - 680 gal	UST	
5 drums	Waste oil & water	
	SLUDGE	

SHIPPER _____ DATE _____ DRIVER [Signature] DATE 7/24/96

NOTE: [Signature]

96-041

PG 1 - M.V.S. PG 2 - DESTINATION PG 3 - SHIPPER

**RABANCO RECYCLING CO.**

A DIVISION OF RABANCO COMPANIES

2733 3rd Avenue South
Seattle, Washington 98134
(206) 623-4080

MARKET NUMBER 538694

DATE: 05/31/96

TIME: 13:06:30

10249 - GLACIER ENVIRO SVC. Job:96-1250

SHEAR

TRUCK #: 8

END DUMP

PLACE: TACOMA

PRODUCT: PCS

GROSS LBS: 71660.00

TARE LBS: 36200.00

NET LBS: 35460.00

NET TONS: 17.730

RATE PER TON: \$ 0.00

AMOUNT: \$ 0.00

REFUSE TAX 3.60%: 0.00

TOTAL AMOUNT: \$ 0.00

X *Bill Johnson S 2*

CUSTOMER SIGNATURE

I HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.

**RABANCO RECYCLING CO.**

A DIVISION OF RABANCO COMPANIES

2733 3rd Avenue South
Seattle, Washington 98134
(206) 623-4080

MARKET NUMBER 538677

DATE: 05/31/96

TIME: 12:45:26

10249 - GLACIER ENVIRO SVC. Job:96-1250

SHEAR

TRUCK #: 6

END DUMP

PLACE: TACOMA

PRODUCT: PCS

GROSS LBS: 100820.00

TARE LBS: 38640.00

NET LBS: 62180.00

NET TONS: 31.090

RATE PER TON: \$ 0.00

AMOUNT: \$ 0.00

REFUSE TAX 3.60%: 0.00

TOTAL AMOUNT: \$ 0.00

X *ACM*