TEXACO STATION #63232 003 KING Co. - Seattle. LUST # 2208

EXCAVATION AND SOIL SAMPLING REPORT

FORMER TEXACO FACILITY 63-232-003 FPI. UR 25 1996
9701 GREENWOOD AVENUE NORTH

ECOLOGY TCP IDENTIFICATION NO. 2868 ERI JOB 3100114.R02 March 15, 1996

Prepared for

TEXACO REFINING AND MARKETING INC. **ENVIRONMENT, HEALTH & SAFETY 3400 188TH STREET SW, SUITE 630** LYNNWOOD, WASHINGTON 98037

Prepared by

ENVIRONMENTAL RESOLUTIONS, INC.



EXCAVATION AND SOIL SAMPLING REPORT

at

Former Texaco Facility 63-232-0037 8701 Greenwood Avenue North Seattle, Washington

ERI Job 3100114.R02

Prepared for

Texaco Refining and Marketing Inc. Environment, Health & Safety 3400 188th Street SW, Suite 630 Lynnwood, Washington 98037

by

Environmental Resolutions, Inc.

John K. Meyer Branch Manager DEPARTMENT OF ECOLOGY NWRO/TCP TANK UNIT

INTERIM CLEANUP REPORT SITE CHARACTERIZATION FINAL CLEANUP REPORT

OTHER _

AFFECTED MEDIA:

SR- HIZZ aG

SOIL GW

OTHER _

INSPECTOR (INIT.) AN DATE 3

Steve M. Zigan R.G. President

March 20, 1996

3400 188th Street SW Suite 630 Lynnwood WA 98037

March 21, 1996

ENV - SERVICE STATIONS

Reports 8701 Greenwood Avenue North Seattle, Washington (Texaco Facility #63-232-0037)

Mr. Roger Nye Washington Department of Ecology- Northwest Region 3190 - 160th Avenue Southeast Bellevue, Washington 98008-5452

Dear Mr. Nye:

Enclosed is the Groundwater Sampling Report for the First Quarter groundwater monitoring and sampling conducted on February 27, 1996 by EMCON. Groundwater samples collected from five onsite monitoring wells (AGW-1, AGW-2, AGW-5, AGW-6, and AGW-7) were analyzed for TPH-G, TPH-D, TPH-O, BTEX (benzene, toluene, ethylbenzene and total xylenes) and Total Lead. None of these analytes were detected at concentrations above the MTCA Method A Cleanup Levels in any of the wells. The February 1996 sampling event is the fourth consecutive quarter with analytical results indicating below MTCA cleanup levels in groundwater in all five wells.

Also enclosed is a report documenting the recent removal of subsurface remediation system piping from the former gasoline and diesel underground storage tank basin. In addition, the report documents excavation and soil sampling activities conducted to remove abandoned piping and hydrocarbon impacted soil discovered during field activities. Approximately 125 cubic yards were excavated. Laboratory analytical results show that confirmation soil samples collected at the limits of the excavation contained analyte concentrations below MTCA Method A Cleanup Levels.

Also enclosed per your request is the Laboratory Report for the sludge sample ('tile-eff') collected from the northern concrete sump/separator during the 1994 tank removal activities. This sample is referenced on page 5-1 in the Underground Storage Tank Decommissioning Report dated September 9, 1994, prepared by EMCON.

An Independent Remedial Action Program report dated January 5, 1996 was submitted to Ecology for this site. The report requested that Ecology issue a 'no further action' determination for the site, based on results of fourth quarter 1995 and first quarter 1996 groundwater sampling events demonstrating compliance with Model Toxics Control Act Method A cleanup standards. The enclosed groundwater report demonstrates that the fourth quarter 1995 and first quarter 1996 groundwater results were in compliance with the cleanup standards.

Mr. Nye March 21, 1996 Page 2

If you have any questions please contact me at (206) 774-6090, extension 224.

· Resign

Sincerely,

Theresa A. Geijer, R.G. Project Coordinator

TAG:tag p:\tag\greenw\1qt96gw.cov

Enclosures: First Quarter 1996 Groundwater Sampling Report (March 8, 1996)
Excavation and Soil Sampling Report (March 20, 1996)

RLLane-File-UCPFile (w/enclosures) PNWRead (w/o enclosures)

cc: Mr. R. Isackson (w/enclosures)
Mr. R. Beighle (w/enclosures)

PR: B

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EXCAVATION AND SOIL SAMPLING REPORT

Texaco Facility 63-232-0037 8701 Greenwood Avenue Seattle, Washington

For

Texaco Refining and Marketing Inc. Environment, Health & Safety

1.0 INTRODUCTION

As requested by Texaco Refining and Marketing Inc., Environment, Health & Safety (TRMI-EH&S), Environmental Resolutions, Inc. (ERI) has prepared this report documenting results of underground piping removal and soil excavation and sampling conducted during February and March 1996 at former Texaco Facility 63-232-0037, 8701 Greenwood Avenue, Seattle, Washington (Plate P-1). Excavation activities were undertaken to remove subsurface remediation system piping installed within the former gasoline and diesel underground storage tank (UST) basin during previous investigations.

2.0 BACKGROUND

Soil and groundwater assessment and remediation activities have been conducted at the site since 1991. Results of previous investigations indicate that the site is underlain by a silt and peat layer present approximately 8 to 15 feet below ground surface (bgs). The silt and peat appear to act as a confining layer separating lower saturated soils from the overlying vadose zone. The former gasoline and diesel UST basin appears to have been excavated through the peat confining layer, allowing water to accumulate at depths ranging between approximately 1 and 3 feet bgs. Results of previous investigations are summarized in the *Independent Remedial Action Report* dated January 5, 1996, prepared by ERI. On January 8, 1996, the report was presented to the Washington State Department of Ecology (Ecology) for review under the Independent Remedial Action Program (IRAP) with a request for a no further action determination for the site.

Between March and December 1994, a combined air sparging/vapor extraction system was installed in the former gasoline and diesel UST basin (Plate P-2). The system operated by introducing air into the subsurface to volatilize dissolved hydrocarbons and increase the rate of natural biodegradation. Subsurface piping consisted of 3-inch and 4-inch diameter slotted and blank PVC casing buried approximately 10 and 3 feet bgs, respectively, during backfilling of the former UST basin. The subsurface piping was connected to blowers housed within a remediation system enclosure at the surface. The groundwater treatment system operated between December 2, 1994 and June 27, 1995, recovering approximately 45.5 pounds of volatile hydrocarbons. During June 1995, the remediation system was deactivated, and above-ground portions of the system were removed. Below-ground piping was left in place. Details of treatment system installation and operation are presented in the *Remediation Status Report* dated November 10, 1995, prepared by EMCON.

Laboratory results of groundwater samples collected during quarterly sampling events conducted since February 1995 indicate a general decline in dissolved hydrocarbon concentrations from earlier levels. Laboratory results from the most recent quarterly sampling event conducted in February 1996 indicate that hydrocarbon concentrations were below Model Toxics Control Act (MTCA)¹ Method A Cleanup Levels in every groundwater sample analyzed. Groundwater sample laboratory results are presented in the *Groundwater Sampling Report* dated March 8, 1996, prepared by EMCON.

3.0 PURPOSE AND SCOPE OF SERVICES

The purpose of this investigation was to remove remaining portions of remediation system piping. In addition, excavation and soil sampling activities were conducted to remove abandoned piping and hydrocarbon-impacted soil discovered during field activities. To meet these objectives, ERI completed the following tasks:

- Observed excavation and removal of PVC remediation system piping from the former gasoline and diesel UST basin, and subsequent backfilling and compaction;
- Observed removal of the abandoned steel UST piping and collected soil samples for laboratory analyses;
- Observed excavation and removal of hydrocarbon-impacted soil near the abandoned steel piping and former pump islands;
- Collected confirmation soil samples from the limits of excavation following removal of impacted soil;
- Submitted the soil samples to be analyzed for petroleum hydrocarbon compounds;
- Coordinated waste profiling and transportation and disposal of water and hydrocarbon-impacted soil;
- Prepared this report summarizing our investigative methods, laboratory analytical results, and findings.

4.0 FIELD ACTIVITIES

Based on a request by TRMI-EH&S, ERI visited the site between February 29 and March 7, 1996 to observe excavation and removal of below-ground piping. Excavation and piping removal activities were performed by A.L. Sleister & Sons Construction, Inc., of Mukilteo, Washington.

¹Chapter 173-340 WAC, The Model Toxics Control Act Cleanup Regulation, Method A Cleanup Levels. Amended December 1993.

Excavation and piping removal activities in the former gasoline and diesel UST basin were initiated on Thursday, February 29, 1996. Pea gravel and overlying surface fill were excavated and stockpiled along the rim of the excavation. The PVC piping was then removed and transported off site for disposal. Water was present approximately at 2 to 3 feet bgs in the excavation. Following piping removal, the excavation was backfilled with the stockpiled pea gravel and completed at the surface with compacted fill and rock.

During site activities at the northern portion of the gasoline and diesel excavation, several sections of abandoned steel product piping were discovered. This portion of the excavation borders the area of the former pump islands to the north (Plate P-2). The former pump island area had previously been excavated to approximately 3 feet bgs during remedial activities conducted in 1994. The piping appeared to extend from the area of the former pump islands and terminate at the northern sidewall of the former gasoline and diesel UST basin. Soil sample NW-3 was then collected from soil immediately beneath the piping, placed into a laboratory-prepared sampling jar with Teflon-lined lid, and submitted for laboratory hydrocarbon analysis on a 24-hour rush basis.

On Friday, March 1, 1996, ERI returned to the site to observe removal of the steel piping and excavation of hydrocarbon-impacted soil. Prior to removal, approximately 1 gallon of a hydrocarbon-like liquid was removed from the piping and temporarily stored on site pending transport to the Philip Environmental facility in Renton, Washington, for recycling and disposal. Additional soil was then excavated to expose and remove the piping. Approximately 20 to 30 feet of 2-inch diameter steel piping were removed and transported off site for disposal. Following removal of the piping, an organic vapor monitor was used to screen suspected impacted and non-impacted soil. Suspected hydrocarbon-impacted soil was then removed and temporarily stockpiled on site. Soil between the former pump islands was removed to a depth of approximately 3 feet bgs where saturated soils were encountered. Soil samples were then collected from the four sidewalls of the excavation immediately above the saturated soils, placed in laboratory-supplied glass jars with Teflon-lined lids, and submitted for 24-hour rush analysis. During excavation activities, a small amount of a hydrocarbon-like liquid was observed on the surface of the water in the excavation in the area of the former abandoned steel piping. Following sample collection, approximately 590 gallons of water were removed from the excavation and transported off site for treatment and recycling. Water seepage was subsequently observed entering through the sidewall of the excavation from the adjoining former gasoline and diesel UST basin immediately to the south. The water appeared clear with no surface film. Seepages were not observed at remaining portions of the excavation.

Based on laboratory results of soil samples collected on March 1, 1996, ERI returned to the site on Monday, March 4, 1996 to observe additional excavation of hydrocarbon-impacted soil. Water was observed at approximately 3 feet bgs in the excavation. The water appeared clear with no surface film. Rainfall over the prior two days suggests the accumulation may have been due in part to storm water runoff. Prior to removal of additional soil, dewatering activities were performed to remove accumulated water from the excavation. Approximately 615 gallons of water were removed and transported off site for treatment and recycling. During dewatering, water seepage was again observed entering the excavation through the sidewall of the adjoining former gasoline and diesel UST basin immediately to the south. Seepages were not observed at remaining portions of the excavation.

Following dewatering, excavation activities resumed to remove suspected hydrocarbon-impacted soil. During the excavation activities, the south-central portion of the excavation was extended to approximately 8 feet bgs. Remaining portions of the excavation were extended to depths ranging between approximately

4 and 8 feet bgs. Following excavation, soil samples were again collected from the sidewalls of the excavation immediately above the saturated soils at depths ranging between approximately 4 and 8 feet bgs. The soil samples were placed in laboratory-supplied glass jars with Teflon-lined lids, and again submitted for 24-hour rush analyses.

During excavation activities several approximately 2-feet square concrete footings were discovered. One of the footings was removed to access suspected impacted soil. Remaining footings were left in place. An approximately 1-foot diameter wooden piling was observed beneath the footing that was removed. The piling was left in place to avoid disturbing the peat confining layer. During excavation activities, a seepage of clear water continued to enter the excavation from the adjoining former gasoline and diesel UST basin immediately to the south. Remaining portions of the excavation remained dry.

Based on laboratory results of soil samples collected on March 4, ERI returned to the site on March 5, 1996 to observe removal of additional hydrocarbon-impacted soil from the northwestern portion of the excavation. Prior to removal of additional soil, water was observed at approximately 5 feet bgs. The water appeared clear with no surface film. Dewatering activities then removed approximately 1,150 gallons of water for transport, treatment, and recycling. A trickle of clear water was again observed entering the excavation from the adjoining former gasoline and diesel UST basin immediately to the south. Following dewatering, additional excavation activities were performed to remove remaining hydrocarbon-impacted soil from the northwestern portion of the excavation. During excavation, soil samples were collected in laboratory-supplied glass jars with Teflon-lined lids and submitted to an on site mobile laboratory for immediate analysis. Based on the laboratory results, excavation continued until areas of impacted soil had been removed and confirmation soil samples collected at the limits of excavation contained hydrocarbon concentrations below MTCA Method A Cleanup Levels. Soil sample locations and laboratory results are shown on Plate P-3 and Table 1.

On March 6, 1996, ERI returned to the site to observe final dewatering and backfilling of the excavation. Prior to backfilling, water was observed at approximately 6 feet bgs. Approximately 550 gallons of water were then removed and transported off site for treatment and recycling. The water appeared clear with no surface film. The excavation was then backfilled from total depth to grade with compacted structural fill and completed at the surface with crushed rock.

5.0 CHEMICAL ANALYSES

Soil samples collected on February 29 and March 1 through 4, 1996 were submitted to the North Creek Analytical Inc. laboratory in Bothell, Washington, for analysis. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) and benzene, toluene, ethylbenzene, and total xylenes (BTEX) using Ecology Method WTPH-G/EPA Method 5030/8020, and for total petroleum hydrocarbons as diesel (TPH-D) and as oil (TPH-O) using Ecology Method WTPH-D (extended).

Soil samples collected on March 5, 1996 were submitted to an on-site mobile laboratory operated by Transglobal Environmental Geosciences, Inc., of Lacey, Washington, for analysis. The soil samples were analyzed for TPH-G and BTEX using Ecology Method WTPH-G/EPA Method 5030/8020, for TPH-D and TPH-O using Ecology Method WTPH-D (extended), and for total petroleum hydrocarbons (TPH-418.1) using Ecology Method WTPH-418.1.

6.0 RESULTS

Laboratory results of soil samples collected between February 29 and March 4, 1996, indicate samples EW2-8 and SWW-4 collected at the eastern and southwestern portions of the excavation at approximately 8 and 4 feet bgs, respectively, contained TPH-G, TPH-D, TPH-O, and BTEX concentrations below MTCA Method A Cleanup Levels. The remaining seven soil samples collected between February 29 and March 4, 1996 prior to the completion of soil excavation activities contained analyte concentrations exceeding MTCA Method A Cleanup Levels (Table 1 and Plate P-3).

On March 6, 1996, confirmation soil samples were collected at the limits of the excavation following removal of hydrocarbon-impacted soil and submitted to an on-site mobile laboratory for immediate analysis. All six soil samples collected from the limits of the excavation following removal of hydrocarbon-impacted soil contained analyte concentrations below MTCA Method A Cleanup Levels (Plate P-3 and Table 1). Four of the samples collected from the northern and western portions of the excavation contained TPH-G, TPH-D, and TPH-O concentrations below the laboratory method reporting limits (MRLs). Laboratory reports are provided in Appendix A.

7.0 WASTE DISPOSAL

Approximately 1 gallon of hydrocarbon-like liquid removed from the abandoned steel piping was temporarily stored on site in a DOT-approved double-walled container. On March 4, 1996 the liquid was transported to the Philip Environmental facility in Renton, Washington, for treatment and recycling. A manifest and bill of lading are provided in Appendix B.

Approximately 2,905 gallons of water generated during excavation dewatering activities were transported to the Philip Environmental facility in Renton, Washington, for treatment and recycling. Manifests and bills of lading are provided in Appendix B.

Approximately 125 cubic yards (190 tons) of hydrocarbon-impacted soil generated during excavation activities were temporarily stockpiled on a paved surface on site and covered with plastic sheeting. On March 7 and 8, 1996, impacted soil was transported to the TPS Technologies facility in Tacoma, Washington, for treatment and recycling. Bills of lading and weigh tickets are provided in Appendix B.

8.0 CONCLUSIONS

On February 29, 1996, below-ground piping associated with the former on-site remediation system was removed and transported off site for disposal. The excavation was subsequently backfilled, compacted, and completed at the surface with crushed rock.

During remediation system piping removal, several portions of older abandoned steel piping were discovered north of the former gasoline and diesel UST basin in the former pump island excavation area. The piping and residual liquid were removed and transported off site for disposal. Approximately 125 cubic yards of impacted soil were subsequently excavated and transported off site for treatment and recycling. Following removal of impacted material, confirmation soil samples were collected from the

limits of the excavation and submitted for laboratory analysis. Laboratory results indicate that soil samples collected at the limits of excavation following removal of impacted soil contained analyte concentrations below MTCA Method A Cleanup Levels.

During soil removal activities, water was observed entering the excavation through the sidewall of the adjoining former gasoline and diesel UST basin immediately to the south. Results of previous investigations suggest the former gasoline and diesel UST basin has been excavated through the peat and silt confining layer, allowing water from the underlying confined aquifer to upwell near the surface. This water appears to have accumulated in the pump island area excavation by migrating through the narrow area separating it from the former gasoline and diesel UST basin. Dewatering activities removed approximately 2,905 gallons of water from the excavation between March 1 and March 6, 1996. The water was transported off site for disposal.

9.0 LIMITATIONS

The site assessment investigation was conducted in accordance with generally accepted standards of environmental geological practice at the time performed. This investigation was conducted solely for the purpose of evaluating environmental conditions of the soil with respect to hydrocarbons at the subject site. No soil engineering or geotechnical implications are stated or should be inferred. The evaluation of the geologic conditions at the site for the purpose of this investigation is made from a limited number of observation points. Subsurface conditions may vary away from the data points available.

10.0 REFERENCES

EMCON Northwest, Inc., Underground Storage Tank Decommissioning report dated September 9, 1994.

EMCON, Remediation Status Report dated November 10, 1995.

Environmental Resolutions, Inc., Independent Remedial Action Report dated January 5, 1996.

EMCON, Groundwater Sampling Report dated March 8, 1996.

TABLE 1 SOIL ANALYTICAL RESULTS Former Texaco Facility 63-232-0037 8701 Greenwood Avenue Seattle, Washington Page 1 of 1

Sample Name	Date	Depth	TPH-G	TPH-D	TPH-O	В	Т	E	Х	TPH-418.1
Excavation Soil Samples										
NW-3	2/29/96	3	<1.0	44	350*	<0.050	<0.050	<0.050	<0.10	NA
NW2-3	3/1/96	3	21	120	7805	0.56*	0.61	0.17	0.98	NA
SW-3	3/1/96	3	5.5	160	1300*	<0.050	0.12	<0.050	0.29	NA
WW2-3	3/1/96	3	5.6	270*	2300*	<0.050	<0.050	<0.050	0.15	NA
EW-3	3/1/96	3	11	81	330*	<0.050	<0.050	<0.050	<0.10	NA
NWW-4	3/4/96	4	. 1800*	410*	63	<0.20	<0.20	9.0	6.1	NA
EW2-8	3/4/96	8	33	11	29	<0.050	<0.050	0.086	0.10	NA
SWW-4	3/4/96	4	19	19	60	<0.050	<0.050	0.015	0.14	NA
WW2-4	3/4/96	4	120*	39	100	0.053	<0.050	0.18	0.53	ΝA
EW3-3	3/5/96	3	<10	224*	<40	<0.05	<0.05	<0.05	<0.05	420*
NWW2-3	3/5/96	3	<10	<20	<40	<0.05	<0.05	<0.05	<0.05	75
WW3-4	3/5/96	4	1810*	<20	<40	0.64*	1.52	15.1	22.8*	2280*
NEW-3	3/5/96	3	<10	<20	<40	<0.05	<0.05	<0.05	<0.05	<10
EW4-4	3/5/96	4	<10	46	<40	<0.05	<0.05	<0.05	<0.05	157
WW4-4	3/5/96	4	12	<20	<40	0.34	0.22	0.50	2.24	118
WW5-4	3/5/96	4	<10	<20	<40	<0.05	<0.05	<0.05	<0.05	15
WWS-4	3/5/96	4	<10	<20	<40	<0.05	<0.05	<0.05	<0.05	24
WWN-4	3/5/96	4	<10	<20	<40	<0.05	<0.05	<0.05	0.09	108
Stockpile Soil	Samples									
SP-1 (comp)	3/1/96	_	28	120	450	<0.050	0.56	0.30	1.9	NA
SP-2 (comp)	3/1/96	_	17	75	320	<0.050	0.97	0.77	0.40	NA
MTCA Method A Cle	anup Level		100	200	200	0.5	40	20	20	200

EXPLANATION:

All concentrations in mg/kg (ppm).

Depths are in feet below ground surface.

TPH-G = Total Petroleum Hydrocarbons as Gasoline by Ecology Method WTPH-G.

TPH-D and TPH-O = Total Petroleum Hydrocarbons as Diesel and Oil, respectively, by Ecology Method WTPH-D (extended).

B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes.

BTEX = Aromatic compounds by EPA Method 8020.

TPH-418.1 = Hydrocarbon concentration by Ecology Method WTPH-418.1.

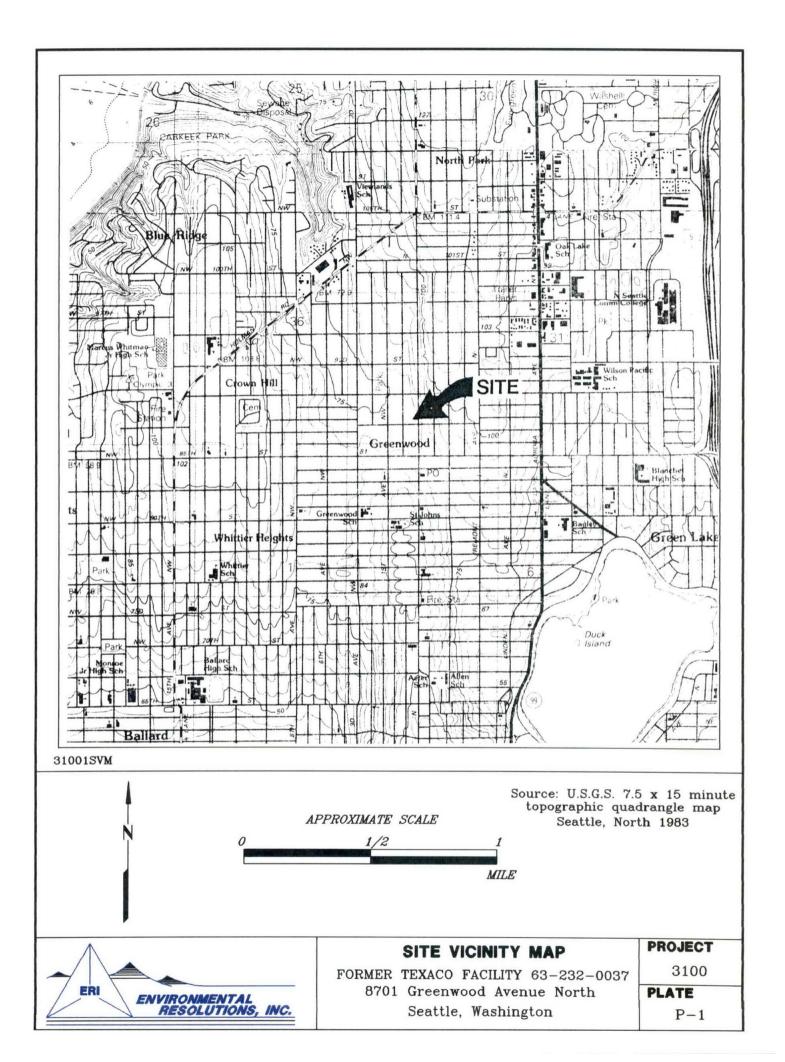
< = Less than the stated laboratory reporting limit.

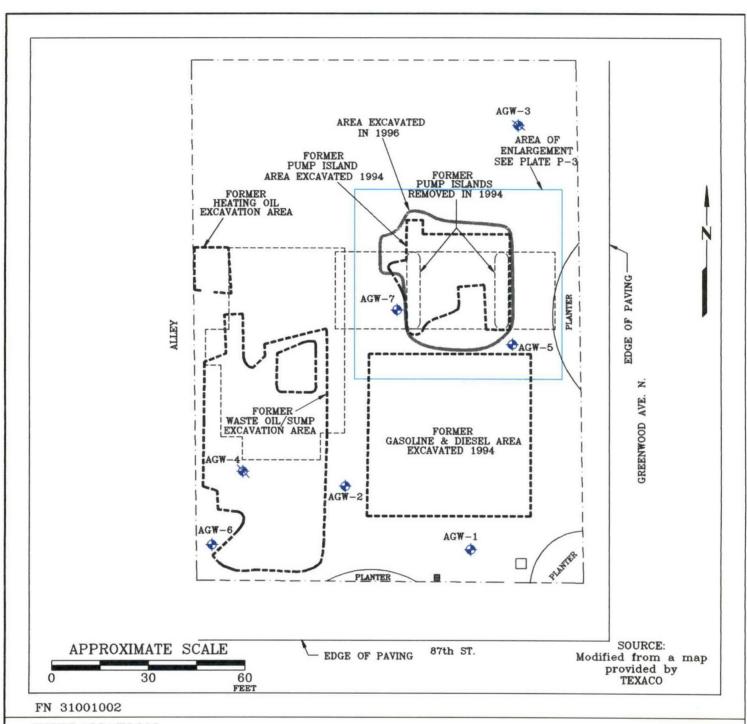
NA = Not analyzed.

--- = Not applicable

* = Removed during excavation

Shaded values exceed MTCA Method A Cleanup Levels.





EXPLANATION

♦ AGW-5 Groundwater Monitoring Well

 ★AGW-4 Decommissioned Groundwater Monitoring Well

---- Limit of Excavation



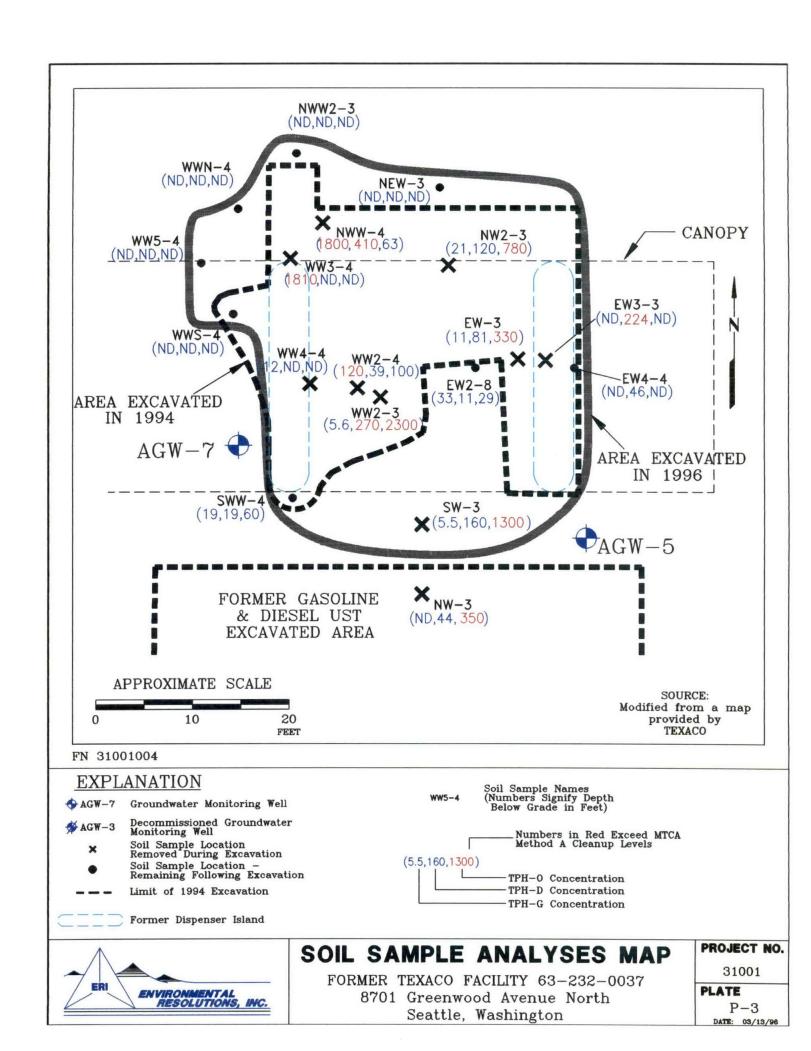
AREAS OF PRIOR EXCAVATION

FORMER TEXACO FACILITY 63-232-0037 8701 Greenwood Avenue North Seattle, Washington PROJECT NO.

31001

PLATE

P-2 DATE: 12/29/96



APPENDIX A LABORATORY REPORTS AND CHAIN OF CUSTODY



18939 120th Avenue N.E., Suite 101 • Bothell, WA 98011-9508

East 11115 Montgomery, Suite B • Spokane, WA 99206-4776

6 (509) 924-9200 • FAX 924-9290

9405 S.W. Nimbus Avenue • Beaverton, OR 97008-7132

(503) 643-9200 • FAX 644-2202

(206) 481-9200 • FAX 485-2992

ERI

0000000000

Project Name:

Texaco Seattle, #63-232-0037

Client Project :

#31001.14T3

Received:

Feb 29, 1996

Renton, WA 98055 Attention: John Meyer

1921 Edmonds Drive SE

NCA Project #:

B602480

Reported: Mar 1, 1996

PROJECT SUMMARY PAGE

Laboratory Sample Number Sample Description Sample Matrix

Date Sampled

B602480-01

NW-3

Soil

2/29/96

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

NORTH CREEK ANALYTICAL Inc.

Matthew T. Essig

Laura Dutter



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East 11115 Montgomery, Suite B • Spokane, WA 99206-4776

9405 S.W. Nimbus Avenue • Beaverton, OR 97008-7132

(509) 924-9200 • FAX 924-9290

(303) 324-3200 - 1 AX 324-323

(503) 643-9200 • FAX 644-2202

ERI

Client Project ID:

Texaco Seattle, #63-232-0037

Sample Matrix:

Soil

Received:

Feb 29, 1996

Attention: John Meyer

1921 Edmonds Drive SE

Renton, WA 98055

First Sample #:

B602480-01

Reported: Mar 1, 1996

TOTAL SOLIDS & MOISTURE CONTENT REPORT

Sample Sample Number Description		Total Solids %	Moisture Content %
B602480-01	NW-3	93	7.0

The enclosed analytical results for soils, sediments and sludges have been converted to a DRY WEIGHT reporting basis. To attain the wet weight "as received" equivalent, multiply the dry weight result by the decimal fraction of percent Total Solids.

NORTH CREEK ANALYTICAL Inc.



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9405 S.W. Nimbus Avenue • Beaverton, OR 97008-7132

(206) 481-9200 • FAX 485-2992 (509) 924-9200 • FAX 924-9290

(503) 643-9200 • FAX 644-2202

ERI 1921 Edmonds Drive SE Renton, WA 98055 Attention: John Meyer

Client Project ID: Sample Matrix: Analysis Method:

First Sample #:

Texaco Seattle, #63-232-0037

Soil WTPH-G B602480-01

Sampled: Feb 29, 1996 Received: Analyzed:

Reported:

Feb 29, 1996 Mar 1, 1996 Mar 1, 1996

TOTAL PETROLEUM HYDROCARBONS-GASOLINE RANGE

Sample Sample Number Description		Sample Result mg/kg (ppm)	Surrogate Recovery %
B602480-01	NW-3	N.D.	104
BLK030196	Method Blank	N.D.	113

Reporting Limits

1.0

4-Bromofluorobenzene surrogate recovery control limits are 50 - 150 %.

Volatile Total Petroleum Hydrocarbons are quantitated as Gasoline Range Organics (toluene - dodecane).

Analytes reported as N.D. were not detected above the stated Reporting Limit. The results reported above are on a dry weight basis.

NORTH CREEK ANALYTICAL Inc.

Matthew T. Essig Project Manager

Laura Dutton



18939 120th Avenue N.E., Suite 101 • Bothell, WA 98011-9508 (206) 481-9200 • FAX 485-2992

East 11115 Montgomery, Suite B • Spokane, WA 99206-4776

(509) 924-9200 • FAX 924-9290

9405 S.W. Nimbus Avenue • Beaverton, OR 97008-7132

(503) 643-9200 • FAX 644-2202

ËΒΙ

1921 Edmonds Drive SE

Renton, WA 98055 Attention: John Meyer Client Project ID: Texaco Seattle, #63-232-0037

Sample Matrix: Soil Analysis Method: WTPH-G

Units: mg/kg (ppm)

Analyzed:

Mar 1, 1996

Reported:

Mar 1, 1996

HYDROCARBON QUALITY CONTROL DATA REPORT

ACCURACY ASSESSMENT Laboratory Control Sample

Gasoline

PRECISION ASSESSMENT

Sample Duplicate Gasoline Range

Hydrocarbons

Spike Conc.

Added:

5.0

Spike

Result:

4.6

%

Recovery:

92

Upper Control

Limit %:

115

Lower Control Limit %:

33

Sample

Number: B602480-01

Original

Result:

N.D.

Duplicate

Result:

N.D.

Relative Relative Percent Difference values are not

% Difference reported at sample concentration levels

less than 10 times the Detection Limit.

Maximum

RPD:

67

NORTH CREEK ANALYTICAL In

% Recovery:

Spike Result Spike Concentration Added x 100

Relative % Difference:

Original Result - Duplicate Result (Original Result + Duplicate Result) / 2 x 100

Matthew T. E Project Manager

602480.EEE <4>



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Texaco Seattle, #63-232-0037 Sampled: Client Project ID: Feb 29, 1996 ERI Received: Feb 29, 1996 Soil 1921 Edmonds Drive SE Sample Matrix: Mar 1, 1996 Analyzed: Analysis Method: **EPA 8020** Renton, WA 98055 Mar 1, 1996 Reported: Attention: John Meyer First Sample #: B602480-01

BTEX DISTINCTION

Sample Number	Sample Description	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)	Surrogate Recovery %
B602480-01	NW-3	N.D.	N.D.	N.D.	N.D.	100
BLK03096	Method Blank	N.D.	N.D.	N.D.	N.D.	107

Reporting Limits:	0.050	0.050	0.050	0.10
Troporting Emilian	•	•		

4-Bromofluorobenzene surrogate recovery control limits are 34 - 166 %. Analytes reported as N.D. were not detected above the stated Reporting Limit. The results reported above are on a dry weight basis.

NORTH CREEK ANALYTICAL Inc.

Matthew T. Essig Project Manager

Laura Dutter



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ËRI

1921 Edmonds Drive SE Renton, WA 98055

Attention: John Meyer

Client Project ID: Texaco Seattle, #63-232-0037

Sample Matrix: Soil

Analysis Method: EPA 8020 Units: mg/kg (ppm)

QC Sample #: B602480-01

Analyzed: Reported:

Mar 1, 1996 Mar 4, 1996

MATRIX SPIKE QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes		
	20,12					
Sample Result:	N.D.	N.D.	N.D.	N.D.		
Spike Conc. Added:	0.54	0.54	0.54	1.62	•	
Spike Result:	0.47	0.51	0.48	1.70		
Spike % Recovery:	87%	94%	89%	105%		
Spike Dup. Result:	0.50	0.50	0.51	1.74		
Spike Duplicate % Recovery:	93%	93%	94%	107%		
Upper Control Limit %:	111	118	120	128		
Lower Control Limit %:	59	55	61	55		
Relative % Difference:	6.4%	2.0%	6.1%	2.3%		
Maximum RPD:	17	16	17	17		

NORTH CREEK ANALYTICAL in % Recovery:

Matthew T. Essig Project Manager

Spike Result - Sample Result x 100 Spike Conc. Added Spike Result - Spike Dup. Result (Spike Result + Spike Dup. Result) / 2 x 100 Relative % Difference:



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ERI 1921 Edmonds Drive SE Renton, WA 98055 Attention: John Meyer Client Project ID: Sample Matrix: Texaco Seattle, #63-232-0037

Soil 1

WTPH-D Extended

Analysis Method: WTPH-D Ex First Sample #: B602480-01 Sampled: Feb 29, 1996 Received: Feb 29, 1996

Extracted: Feb 29, 1996 Analyzed: b29-Mar 1,1996

Reported: Mar 1, 1996

TOTAL PETROLEUM HYDROCARBONS - DIESEL RANGE EXTENDED

Sample Number	Sample Description	Diesel Result mg/kg (ppm)	Heavy Oil Result mg/kg (ppm)	Surrogate Recovery %
B602480-01	NW-3	44	350	80
BLK022996	Method Blank	N.D.	N.D.	93

Reporting Limit:

10:

25

2-Fluorobiphenyl Surrogate Recovery Control Limits are 50 - 150%.

Extractable Hydrocarbons are quantitated as Diesel Range Organics (C12 - C24) and Heavy Oil Range Organics (>C24).

Analytes reported as N.D. were not detected above the stated Reporting Limit. The results reported above are on a dry weight basis.

NORTH CREEK ANALYTICAL Inc.

Laura Dutter



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ERI

1921 Edmonds Drive SE Renton, WA 98055 Attention: John Meyer

Client Project ID: Texaco Seattle, #63-232-0037

Sample Matrix: Soil

Analysis Method: WTPH-D

Units: mg/kg (ppm)

Extracted:

Feb 29, 1996

Reported:

Analyzed: b29-Mar 1,1996 Mar 1, 1996

HYDROCARBON QUALITY CONTROL DATA REPORT

ACCURACY ASSESSMENT Laboratory Control Sample

Diesel

PRECISION ASSESSMENT Sample Duplicate

Diesel Range Hydrocarbons

Spike Conc.

Added:

68.0

Sample

Number: B602452-03

Spike

Result:

65.4

Original

Result: N.D.

%

Recovery:

96

Duplicate

Result: N.D.

Upper Control

Limit %:

110

Relative Relative Percent Difference values are not

% Difference reported at sample concentration levels less than 10 times the Reporting Limit.

Lower Control

Limit %:

72

Maximum

RPD:

49

NORTH CREEK ANALYTICAL In % Recovery:

Laurasutton

Matthew T. Essig Project Manager

Spike Result

x 100

Spike Concentration Added

Relative % Difference:

Original Result - Duplicate Result

x 100

(Original Result + Duplicate Result) / 2

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TEXACO CHAIN OF CUSTODY REPORT

Work Order #: 8602480

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ERI

1921 Edmonds Drive SE Renton, WA 98055 Attention: John Meyer

Project Name:

Texaco #63-232-0037

Client Project:

NCA Project #:

31001.14T3

B603016

Received:

Mar 1, 1996

Reported:

Mar 4, 1996

PROJECT SUMMARY PAGE

Laboratory Sample Number	Sample Description	Sample Matrix	Date Sampled
B603016-01	NW2-3	Soil	3/1/96
B603016-02	SW-3	Soil	3/1/96
B603016-03	WW2-3	Soil	3/1/96
B603016-04	WW-3	Soil	3/1/96
B603016-05	SP-1 (comp)	Soil	3/1/96
B603016-06	SP-2 (comp)	Soil	3/1/96
B603016-07	EW-3	Soil	3/1/96

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ANALYTICAL inc.



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ERI 1921 Edmonds Drive SE

Client Project ID:

Texaco #63-232-0037

Sample Matrix:

Soil

Received:

Mar 1, 1996

Renton, WA 98055 Attention: John Meyer

First Sample #:

B603016-01

Reported: Mar 4, 1996

TOTAL SOLIDS & MOISTURE CONTENT REPORT

Sample Number	Sample Description	Total Solids %	Moisture Content %
B603016-01	NW2-3	92	8.0
B603016-02	sw-3	94	6.0
B603016-03	WW2-3	91	9.0
B603016-04	WW-3	89	11
B603016-05	SP-1 (comp)	93	7.0
B603016-06	SP-2 (comp)	92	8.0
B603016-07	EW-3	91	9.0

The enclosed analytical results for soils, sediments and sludges have been converted to a DRY WEIGHT reporting basis. To attain the wet weight "as received" equivalent, multiply the dry weight result by the decimal fraction of percent Total Solids.

NORTH CREEK ANALYTICAL Inc.



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1921 Edmonds Drive SE

Renton, WA 98055 Attention: John Meyer

ERI Client Project ID: Texaco #63-232-0037

Soil

Sample Matrix: Analysis Method: First Sample #:

WTPH-G B603016-01

Mar 1, 1996 Mar 1, 1996

Received: Analyzed:

Mar 3, 1996

Reported: Mar 4, 1996

TOTAL PETROLEUM HYDROCARBONS-GASOLINE RANGE

Sample Number	Sample Description	Sample Result mg/kg (ppm)	Surrogate Recovery %
B603016-01	NW2-3	21	127
B603016-02	SW-3	5.5	103
B603016-03	WW2-3	5.6	97
B603016-05	SP-1 (comp)	28	107
B603016-06	SP-2 (comp)	17	116
B603016-07	EW-3	11	113
BLK030396	Method Blank	N.D.	80

Reporting Limits

1.0

4-Bromofluorobenzene surrogate recovery control limits are 50 - 150 %.

Volatile Total Petroleum Hydrocarbons are quantitated as Gasoline Range Organics (toluene - dodecane).

Analytes reported as N.D. were not detected above the stated Reporting Limit. The results reported above are on a dry weight basis.



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1921 Edmonds Drive SE

Renton, WA 98055 Attention: John Meyer

ERI Client Project ID: Texaco #63-232-0037

Sample Matrix: Soil Analysis Method: WTPH-G

Units: mg/kg (ppm)

Analyzed:

Mar 3, 1996

Reported:

Mar 4, 1996

HYDROCARBON QUALITY CONTROL DATA REPORT

ACCURACY ASSESSMENT Laboratory Control Sample

Gasoline

PRECISION ASSESSMENT **Sample Duplicate**

Gasoline Range Hydrocarbons

11

Spike Conc.

Added:

5.0

Spike

Result:

3.9

%

Recovery:

78

Upper Control

Limit %:

115

33

Lower Control

Limit %:

Sample

Number: B603016-07

Original

Result:

Duplicate

Result: 9.3

Relative Relative Percent Difference values are not

% Difference: reported at sample concentration levels

less than 10 times the Detection Limit.

Maximum

RPD:

67

NORTH CREEK ANALYTICAL Inc.

Matthew T. Essig Project Manager

% Recovery:

Spike Result

x 100

Spike Concentration Added

Relative % Difference:

Original Result - Duplicate Result

x 100

(Original Result + Duplicate Result) / 2



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1921 Edmonds Drive SE

ERI Client Project ID:

Texaco #63-232-0037 Sampled: Mar 1, 1996

Received:

Mar 1, 1996

Renton, WA 98055 Attention: John Meyer Sample Matrix: Analysis Method: First Sample #:

EPA 8020 B603016-01

Analyzed: Reported: Mar 3, 1996 Mar 4, 1996

BTEX DISTINCTION

Sample Number	Sample Description	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)	Surrogate Recovery %
B603016-01	NW2-3	0.56	0.61	0.17	0.98	132
B603016-02	SW-3	N.D.	0.12	N.D.	0.29	117
B603016-03	WW2-3	N.D.	N.D.	N.D.	0.15	118
B603016-05	SP-1 (comp)	N.D.	0.56	0.30	1.9	116
B603016-06	SP-2 (comp)	N.D.	0.097	0.077	0.40	125
B603016-07	EW-3	N.D.	N.D.	N.D.	N.D.	125
BLK030396	Method Blank	N.D.	N.D.	N.D.	N.D.	131

				· ·	
Reporting Limits:	0.050	0.050	0.050	0.10	

4-Bromofluorobenzene surrogate recovery control limits are 34 - 166 %. Analytes reported as N.D. were not detected above the stated Reporting Limit. The results reported above are on a dry weight basis.



1921 Edmonds Drive SE

Attention: John Meyer

Renton, WA 98055

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ERI Client Project ID: Texaco #63-232-0037

Sample Matrix: Soil

Analysis Method: EPA 8020

Units: mg/kg (ppm) QC Sample #: B603016-07

Analyzed:

Mar 3, 1996

Mar 4, 1996 Reported:

MATRIX SPIKE QUALITY CONTROL DATA REPORT

ANALYTE			Ethyl		
	Benzene	Toluene	Benzene	Xylenes	
Sample Result:	N.D.	N.D.	N.D.	N.D.	
Spike Conc. Added:	0.55	0.55	0.55	1.65	
Spike Result:	0.57	0.65	0.63	1.94	
Spike % Recovery:	104%	118%	115%	118%	
Spike Dup. Result:	0.58	0.58	0.59	1.75	
Spike Duplicate % Recovery:	105%	105%	107%	106%	
Upper Control Limit %:	111	118	120	128	
Lower Control Limit %:	59	55	61	55	
Relative % Difference:	1.7%	11%	6.6%	10%	
Maximum RPD:	17	16	17	17	

NORTH CREEK ANALYTICAL Inc. % Recovery:

Spike Result - Sample Result

x 100

Matthew T. Essig

Project Manager

Relative % Difference:

Spike Result - Spike Dup. Result (Spike Result + Spike Dup. Result) / 2

Spike Conc. Added

x 100

603016.EEE <6>



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ERI Client Project ID: Texaco #63-232-0037 Sampled: Mar 1, 1996 1921 Edmonds Drive SE

Renton, WA 98055 Attention: John Meyer Sample Matrix:

Analysis Method:

First Sample #:

Soil

WTPH-D Extended

B603016-01

Mar 1, 1996

Received: Extracted: Mar 1, 1996 Analyzed:

Mar 3-4, 1996 Reported: Mar 4, 1996

TOTAL PETROLEUM HYDROCARBONS - DIESEL RANGE EXTENDED

Sample Number	Sample Description	Diesel Result mg/kg (ppm)	Heavy Oil Result mg/kg (ppm)	Surrogate Recovery %
B603016-01	NW2-3	120	780	77
B603016-02	SW-3	160	1,300	86
B603016-03	WW2-3	270	2,300	97
B603016-05	SP-1 (comp)	120	450	97
.B603016-06	SP-2 (comp)	. 75	320	92
B603016-07	EW-3	81	330	96
BLK030396	Method Blank	N.D.	N.D.	81

Reporting Limit:

10

25

2-Fluorobiphenyl Surrogate Recovery Control Limits are 50 - 150%.

Extractable Hydrocarbons are quantitated as Diesel Range Organics (C12 - C24) and Heavy Oil Range Organics (>C24). Analytes reported as N.D. were not detected above the stated Reporting Limit. The results reported above are on a dry weight basis.

Matthew T. Essig Project Manager

603016.EEE <7>



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ERI

1921 Edmonds Drive SE

Renton, WA 98055 Attention: John Meyer Client Project ID: Texaco #63-232-0037

Sample Matrix: Soil

Analysis Method: WTPH-D

Units: mg/kg (ppm)

Extracted:

Mar 1, 1996

Analyzed: Reported: Mar 3-4, 1996 Mar 4, 1996

HYDROCARBON QUALITY CONTROL DATA REPORT

ACCURACY ASSESSMENT Laboratory Control Sample

Diesel

PRECISION ASSESSMENT

Sample Duplicate Diesel Range

Hydrocarbons

Spike Conc.

Added:

68.0

Spike Result:

69.6

% Recovery:

102

Upper Control

Limit %:

110

72

Lower Control Limit %:

Sample

Number: B602472-04

Original

Result:

33

Duplicate

Result.

Relative Relative Percent Difference values are not % Difference reported at sample concentration levels

less than 10 times the Reporting Limit.

Maximum

RPD:

49

33

NORTH CREEK ANALYTICAL In

% Recovery:

Spike Result

x 100

Spike Concentration Added

Mátthew T. Essig

Project Manager

Relative % Difference:

Original Result - Duplicate Result

x 100

(Original Result + Duplicate Result) / 2



TEXCOCREV2,11/95

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(503) 643-9200 • FAX 644-2202

ERI Project Name: Texaco Seattle, #63-232-0037

Client Project:

Not Provided

Received:

Mar 4, 1996

Renton, WA 98055 Attention: John Meyer NCA Project #: B603027 Reported: Mar 4, 1996

1921 Edmonds Drive SE

PROJECT SUMMARY PAGE

Laboratory Sample Number	Sample Description	Sample Matrix	Date Sampled
B603027-01	NWW-4	Soil	3/4/96
B603027-02	EW2-8	Soil	3/4/96
B603027-03	SWW-4	Soil	3/4/96
B603027-04	WW2-4	Soil	3/4/96

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

NORTH-CREEK ANALYTICAL

Project Manager

603027.EEE <1>



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(503) 643-9200 • FAX 644-2202

ERI Client Project ID: Texaco Seattle, #63-232-0037

1921 Edmonds Drive SE Renton, WA 98055

Sample Matrix:

Soil

Received:

Mar 4, 1996

Attention: John Meyer First Sample #: B603027-01 Reported: Mar 4, 1996

TOTAL SOLIDS & MOISTURE CONTENT REPORT

Sample Number	Sample Description	Total Solids %	Moisture Content %
B603027-01	NWW-4	85	15
B603027-02	EW2-8	89	11
B603027-03	SWW-4	89	11
B603027-04	WW2-4	82	. 18

The enclosed analytical results for soils, sediments and sludges have been converted to a DRY WEIGHT reporting basis. To attain the wet weight "as received" equivalent, multiply the dry weight result by the decimal fraction of percent Total Solids.

GREEK ANALYTICAL Inc.

Project Manager



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ERI Client Project ID: 1921 Edmonds Drive SE Renton, WA 98055 Attention: John Meyer

Sample Matrix:

D: Texaco Seattle, #63-232-0037 Soil

Sampled: Mar 4, 19 Received:

Mar 4, 1996 Mar 4, 1996

Analysis Method: First Sample #:

WTPH-G B603027-01 Analyzed: Reported:

Mar 4, 1996 Mar 4, 1996

TOTAL PETROLEUM HYDROCARBONS-GASOLINE RANGE

	•	the state of the s	
Sample Number	Sample Description	Sample Result mg/kg (ppm)	Surrogate Recovery %
B603027-01	NWW-4	1,800	S-2
B603027-02	EW2-8	33	92
B603027-03	SWW-4	. 19	101
B603027-04	WW2-4	120	114
BLK030496	Method Blank	N.D.	74

Reporting Limits

1.0

4-Bromofluorobenzene surrogate recovery control limits are 50 - 150 %.

Volatile Total Petroleum Hydrocarbons are quantitated as Gasoline Range Organics (toluene - dodecane).

Analytes reported as N.D. were not detected above the stated Reporting Limit. The results reported above are on a dry weight basis.

NORTH CREEK ANALYTICAL Inc. Please Note:

S-2 = The Surrogate Recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.

Matthew T. Essig Project Manager



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1921 Edmonds Drive SE

Renton, WA 98055 Attention: John Meyer

ERI Client Project ID: Texaco Seattle, #63-232-0037 Sample Matrix: Soil

Analysis Method: WTPH-G

Units: mg/kg (ppm)

Analyzed:

Mar 4, 1996

Mar 4, 1996 Reported:

HYDROCARBON QUALITY CONTROL DATA REPORT

ACCURACY ASSESSMENT **Laboratory Control Sample**

Gasoline

PRECISION ASSESSMENT Sample Duplicate

Gasoline Range Hydrocarbons

Spike Conc. Added:

5.0

Spike

Result:

3.8

%

Recovery:

76

Upper Control Limit %:

Lower Control Limit %:

115

33

Sample

Number: B603013-02

Original

270 Result:

Duplicate

Result: 250

Relative

% Difference:

Maximum

RPD:

67

7.7

NORTH CREEK ANALYTICAL Inc.

Matthew T. Essig Project Manager

% Recovery:

Spike Result Spike Concentration Added

x 100

Relative % Difference:

Original Result - Duplicate Result

x 100

(Original Result + Duplicate Result) / 2



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1921 Edmonds Drive SE Renton, WA 98055 Attention: John Meyer First Sample #: B603027-01 Re

Sample Matrix: Analysis Method:

ERI Client Project ID: Texaco Seattle, #63-232-0037

Soil **EPA 8020** Received:

2-0037 Sampled: Mar 4, 1996 Mar 4, 1996

> Analyzed: Mar 4, 1996 Reported: Mar 4, 1996

BTEX DISTINCTION

Sample Number	Sample Description	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)	Surrogate Recovery %
B603027-01	NWW-4	N.D. R.L. =0.20	N.D. R.L. =0.20	9.0	6.1	S-2
B603027-02	EW2-8	N.D.	N.D.	0.086	0.10	123
B603027-03	SWW-4	N.D.	N.D.	0.015	0.14	120
B603027-04	WW2-4	0.053	N.D.	0.18	0.53	108
BLK030496	Method Blank	N.D.	N.D.	N.D.	N.D.	83

Reporting Limits: 0.050 0.050 0.10

4-Bromofluorobenzene surrogate recovery control limits are 34 - 166 %. Analytes reported as N.D. were not detected above the stated Reporting Limit. The results reported above are on a dry weight basis.

NORTH CREEK ANALYTICAL Inc. Please Note:

S-2 = The Surrogate Recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.

Matthew T. Essig Project Manager



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1921 Edmonds Drive SE

Renton, WA 98055

Attention: John Meyer

ERI Client Project ID: Texaco Seattle, #63-232-0037

Sample Matrix: Soil

Analysis Method: EPA 8020

Units: mg/kg (ppm)

Analyzed:

Mar 4, 1996

QC Sample #: B603027-04

Reported:

Mar 4, 1996

MATRIX SPIKE QUALITY CONTROL DATA REPORT

Benzene	Toluene	Ethyl Benzene	Xylenes		
0.053	N.D.	0.18	0.53		
0.61	0.61	0.61	1.83		
0.51	0.61	0.77	2.20		
75%	100%	97%	91%		
0.55	0.66	0.79	2.28		
81%	108%	100%	96%		
111	118	120	128		
59	55	61	55		
7.5%	7.9%	2.6%	3.5%		
17	16	17	17	·	
	0.053 0.61 0.51 75% 0.55 81% 111 59 7.5%	0.053 N.D. 0.61 0.61 0.51 0.61 75% 100% 0.55 0.66 81% 108% 111 118 59 55 7.5% 7.9%	Benzene Toluene Benzene 0.053 N.D. 0.18 0.61 0.61 0.61 0.51 0.61 0.77 75% 100% 97% 0.55 0.66 0.79 81% 108% 100% 111 118 120 59 55 61 7.5% 7.9% 2.6%	Benzene Toluene Benzene Xylenes 0.053 N.D. 0.18 0.53 0.61 0.61 0.61 1.83 0.51 0.61 0.77 2.20 75% 100% 97% 91% 0.55 0.66 0.79 2.28 81% 108% 100% 96% 111 118 120 128 59 55 61 55 7.5% 7.9% 2.6% 3.5%	Benzene Toluene Benzene Xylenes 0.053 N.D. 0.18 0.53 0.61 0.61 0.61 1.83 0.51 0.61 0.77 2.20 75% 100% 97% 91% 0.55 0.66 0.79 2.28 81% 108% 100% 96% 111 118 120 128 59 55 61 55 7.5% 7.9% 2.6% 3.5%

REEK ANALYTICAL Inc. % Recovery:

Matthew T. Essig Project Manager

Spike Result - Sample Result Spike Conc. Added Relative % Difference: Spike Result - Spike Dup. Result x 100 (Spike Result + Spike Dup. Result) / 2



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(503) 643-9200 • FAX 644-2202

ËRI 1921 Edmonds Drive SE Renton, WA 98055 Attention: John Meyer

Client Project ID: Sample Matrix: Analysis Method:

First Sample #:

Texaco Seattle, #63-232-0037 Soil

WTPH-D Extended B603027-01

Sampled: Mar 4, 1996 Received: Extracted:

Mar 4, 1996 Mar 4, 1996

Analyzed: Reported:

Mar 4, 1996 Mar 4, 1996

TOTAL PETROLEUM HYDROCARBONS - DIESEL RANGE EXTENDED

Sample Number	Sample Description	Diesel Result mg/kg (ppm)	Heavy Oil Result mg/kg (ppm)	Surrogate Recovery %
B603027-01	NWW-4	410 D-1, D-6	63	72
B603027-02	EW2-8	11	29	96
B603027-03	SWW-4	. 19	60	97
B603027-04	WW2-4	39	100	95
BLK030496	Method Blank	N.D.	N.D.	97

. 25 10 Reporting Limit:

2-Fluorobiphenyl Surrogate Recovery Control Limits are 50 - 150%. Extractable Hydrocarbons are quantitated as Diesel Range Organics (C12 - C24) and Heavy Oil Range Organics (>C24). Analytes reported as N.D. were not detected above the stated Reporting Limit. The results reported above are on a dry weight basis.

NORTH CREEK ANALYTICAL Inc.

Matthew T. Essig Project Manager

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HYDROCARBON ANALYSIS FOOTNOTES

2/94, Rev. 3

VOLATILE HYDROCARBONS - GASOLINE RANGE ORGANICS

- This sample appears to contain extractable diesel range organics. G 1
- The chromatogram for this sample does not resemble a typical gasoline pattern. Please refer to the sample G 2 chromatogram.
- The total hydrocarbon result in this sample is primarily due to an individual compound(s) eluting in the volatile G 3 hydrocarbon range. Identification and quantitation by EPA 8010, 8021 or 8240 is recommended.
- G 4 This sample contains compound(s) not identified as Benzene, Toluene, Ethyl benzene or Xylene.
- This sample appears to contain or be saturated with gasoline product. G 5

EXTRACTABLE HYDROCARBONS - DIESEL RANGE ORGANICS

- D 1 This sample appears to contain volatile gasoline range organics.
- The hydrocarbons present in this sample resemble heavy, non-resolvable oil range organics. Quantitation by D 2 TPH-Diesel Extended or TPH 418.1 is recommended.
- The hydrocarbon concentration result in this sample is partially due to an individual peak(s) eluting in the D 3 diesel / motor oil carbon range.
- The hydrocarbons present in this sample are a complex mixture of diesel range and heavy oil range organics. D 4
- The hydrocarbon result shown is an estimated (greater than) value due to the high concentration. Reanalysis is D 5 being performed to yield a quantitative result. An amended report will follow.
- The sample chromatographic pattern does not resemble the fuel standard used for quantitation. A fuel fingerprint D 6

	[Extractable Hydrocarbons (T] PH-D)	
	Diesel & Fuel Oils	_	
		TRPH 418.1	,
D 7 ·	This sample appears to contain or be saturated with diesel p	Oils and Lubricants	1
D 4	is advised.	aredust.	

Gasoline Volatile Hydrocarbons (TPH-G)

LOW TO MEDIUM

HYDROCARBON BOILING POINT RANGE MEDIUM TO HIGH

MEDIUM

VERY HIGH

LOW

CARBON RANGE: 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31+



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ERI Client Project ID: Texaco Seattle, #63-232-0037 Sample Matrix: Soil

Analysis Method: WTPH-D

Extracted:

Mar 4, 1996

Units: mg/kg (ppm)

Analyzed: Reported:

Mar 4, 1996 Mar 4, 1996

HYDROCARBON QUALITY CONTROL DATA REPORT

ACCURACY ASSESSMENT Laboratory Control Sample

Diesel

PRECISION ASSESSMENT Sample Duplicate

Diesel Range Hydrocarbons

Spike Conc.

Added:

1921 Edmonds Drive SE

Renton, WA 98055

Attention: John Meyer

68.0

Spike

Result:

58.7

%

Recovery:

86

Upper Control

Limit %:

110

Lower Control

72 Limit %:

Sample

Number: B603027-02

Original

Result:

Duplicate

Result:

11

12

Relative Relative Percent Difference values are not

% Difference: reported at sample concentration levels less than 10 times the Reporting Limit.

Maximum

RPD:

49

NORTH CREEK ANALYTICAL Inc

Matthew F. Essig Project Manager

% Recovery:

Spike Result

x 100

Spike Concentration Added

Relative % Difference:

Original Result - Duplicate Result

x 100

(Original Result + Duplicate Result) / 2



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Mobile Environmental Laboratories **Environmental Sampling Services**

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360-459-4670

Fax:

360-459-3432



March 7, 1996

Theresa Geijer Texaco Environmental Health and Safety 3400 188th Street SW Suite 630 Lynnwood, WA 98037

Dear Ms. Geijer:

Please find enclosed the data report for analyses conducted on-site March 5, 1996, for soil samples from the 8701 North Greenwood Avenue Project in Seattle, Washington. The soil samples were analyzed for BTEX by EPA Method 8020, Heavy Petroleum Hydrocarbons by WTPH-418.1, and Gasoline, Diesel and Oil by WTPH-G and WTPH-D/D Extended.

The results of these analyses are summarized in the attached tables. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this analytical work is also enclosed.

TEG Northwest appreciates the opportunity to have provided analytical services to Texaco Environmental Health and Safety for this project. It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

Michael A. Korosec

michaela Korone

President

QA/QC FOR ANALYTICAL METHODS

GENERAL

The TEG Northwest Laboratory quality assurance and quality control (QA/QC) procedures are conducted following the guidelines and objectives which meet or exceed certification/-accreditation requirements of California DOHS, Washington DOE, and Oregon DEQ. The Quality Control Program is a consistent set of procedures which assures data quality through the use of appropriate blanks, replicate analyses, surrogate spikes, and matrix spikes, and with the use of reference standards that meet or exceed EPA standards.

When analyses are taking place on-site with the mobile lab, the need for Field Blanks or Travel/Trip Blanks is eliminated. If there is going to be a delay before sample preparation for analysis, the sample is stored at 4° C.

ANALYTICAL METHODS

TEG Northwest Labs use analytical methodologies which are in conformity with U. S. Environmental Protection Agency (EPA), Washington DOE, and Oregon DEQ methodologies. When necessary and appropriate due to the nature or composition of the sample, TEG may use variations of the methods which are consistent with recognized standards or variations used by the industry and government laboratories.

TPH-Gasoline, TPH-Diesel (Gasoline and/or Diesel, Modified EPA 8015, WTPH-G and WTPH-D)

A blank and a calibration standard are run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The standard is rerun at the end of the day. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. A duplicate sample is run at a rate of 1 per 10 samples (or a matrix spike sample is prepared and analyzed). At least 1 method blank is run per 10 samples analyzed.

Purgeable Volatile Aromatics (BTEX, EPA 602/8020)

A blank and a calibration standard are run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The standard is rerun at the end of the day if more than 10 samples have been run. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. At least 1 method blank is run per day.

TPH-Heavy Fuel Hydrocarbons (EPA 418.1, WTPH-418.1)

Calibration plot values must produce a best fit line, with known values deviating from the plot by less than 10%. Prior to sample run, a blank, a calibration standard, and a method blank are run. One method blank per 10 samples is prepared. A sample duplicate is prepared for each 10 samples to be run per day.

8701 NORTH GREENWOOD AVE. PROJECT Seattle, Washington Texaco Environmental Health and Safety

BTEX (EPA 8020) Analyses for Soils

======	=====	=====	=====	=====	=====	=====						
Sample	Date	Benzene	Toluene	Eth Benz	Xylene	Recovery						
Number	Analyzed	mg/kg	mg/kg mg/kg		mg/kg	(%)						
4												
Meth. Blank	03/05/96	nd	nd	nd	nd	99						
EW3-3	03/05/96	nd	nd	nd	nd	112						
EW3-3 Dup	03/05/96	nd	nd	nd	nd	107						
NWW2-3	03/05/96	nd	nd	nd	nd	102						
WW3-4	03/05/96	0.64	1.52	15.1	22.8	int						
NEW3	03/05/96	nd	nd	nd	nd	102						
EW4-4	03/05/96	nd	nd	nd	nd	101						
WW4-4	03/05/96	0.34	0.22	0.50	2.24	103						
WW5-4	03/05/96	nd	nd	nd	nd	109						
WWS-4	03/05/96	nd	nd	nd	nd	112						
WWN-4	03/05/96	nd	nd	nd	0.09	109						
WWN-4 Dup	03/05/96	nd	nd	nd	0.10	103						
-												
Detection Limi	ts	0.05	0.05	0.05	0.05							
		•										

[&]quot;nd" Indicates not detected at the listed detection limits.

[&]quot;int" Indicates that interferences prevent determination.

8701 NORTH GREENWOOD AVE. PROJECT Seattle, Washington Texaco Environmental Health and Safety

Heavy Petroleum Hydrocarbons in soil by WTPH-418.1

======	=====	=====	=====	=====
Sample	Date			TPH
Number				mg/kg
======	=====	=====	=====	=====
Meth. Blank	03/05/96			nd
EW3-3	03/05/96			420
EW3-3 Dup	03/05/96			415
NWW2-3	03/05/96			75
WW3-4	03/05/96			2280
NEW3	03/05/96			nd
EW4-4	03/05/96			157
WW4-4	03/05/96			118
WW5-4	03/05/96			15
WWS-4	03/05/96	i		24
WWN-4	03/05/96			108
WWN-4 Dup	03/05/96			115
Method Detect	ion Limit			10

"nd" Indicates not detected at the listed detection limit.

8701 NORTH GREENWOOD AVE. PROJECT Seattle, Washington Texaco Environmental Health and Safety

Gasoline, Diesel and Oil in Soil by WTPH-G and WTPH-D/D-Extended

======	=====	=====	=====	=====	=====	=====
Sample		Date	Recovery	Gasoline	Diesel	Heavy Oil
Number			%	mg/kg	mg/kg	mg/kg
======	=====	=====	=====	======	======	=====
Meth. Blank		03/05/96	110	nd	nd	nd
EW3-3		03/05/96	105	nd	224	nd
EW3-3 Dup		03/05/96	113	nd	206	nd
NWW2-3		03/05/96	97	nd	nd	nd
WW3-4		03/05/96	int	1810	nd	nd
NEW3		03/05/96	116	nd	nd	nd
EW4-4		03/05/96	91	nd	46	nd
WW4-4		03/05/96	82	12	nd	nd
WW5-4		03/05/96	108	nd	nd	nd
WWS-4		03/05/96	92	nd	nd	nd
WWN-4		03/05/96	108	nd	nd	nd
WWN-4 Dup		03/05/96	98	nd	nd	nd
MDL		•		10	20	40

[&]quot;nd" Indicates not detected at the listed detection limit.

[&]quot;int" Indicates that interference peaks prevent determination.



Transglobal Environmental Geosciences

CHAIN-OF-CUSTODY RECORD

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APPENDIX B

BILLS OF LADING, SOIL MANIFESTS, AND WEIGH TICKETS

****POR 24 HOUR EMPRGENCY RESPONSE INFORMATION, CALL. (206) 877 7859 *** (16035) 57396 03/01/96

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BILL OF LADING

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3. Ge	and Mailing Address T	seattle, WA. 98103	þ.	A. State Manifest	congregations sector
	enerator's Phone (706) 489-	<i>325</i> 3	ID Number	C: State Transpor	antining a special of the second of the
5. Tro	ansporter 1 Company Name	T 1		D. Transporter's P	hone (204) 770-860
7. Tro	ansporter 2 Company Name	8. US EPA	ID Number ****** **;	E. State Transport	ek silbt sint of beneless sevirili.
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	Becial Handling Instructions and Additiona	al Information	LANE TEXX	ico, P.O. B	ox 2969
1	return original mi	information to : Robin		Kirklan	A, WA 98033
	Tex ACO	1.6# 1648400	· 		
po	SENERATOR'S CERTIFICATION: 1 hereby de acked, marked, and labeled, and are in all respe	ects in proper condition for transport by highway	according to applicable i	international and nation	nal governmental regulations.
	I am a large quantity generator, I certify the conomically practicable and that I have selecte areat to human health and the environment; O	ed the oracticable method of treatment, stora	ge, or disposal currently	available to me whic	h minimizes the present and fut
we	raste management method that is available to me	e and that I can afford.	- made a good rains on		Moeth Day Y
77	rinted/Typed Name HERESH GEIJI	EIZ	73.670		131419
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	iscrepancy Indication Space				<u> </u>
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20. Fo	acility Owner or Operator: Certification of	receipt of hazardous materials covered by	this manifest except a	s noted in Item 19.	
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RESOURCE RECOVERY 1629 East Alexander Ave., Tacoma WA 98421 (206) 625-8630 BEI PUGET SOUND 1629 East Alexander Ave., Tacoma WA 98421 (206) 625-8630 BEI SAN DIEGO 8451 Miralani Dr., Suite A; San Diego, CA 92121 (619) 549-1090 BEI ALASKA 1813 E. 1st Ave., Suite 201, Anchorage AK 99501 (907) 272-9007

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This is to certify that the above named materials are properly classified, described, packaged; marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation. ***MANUSCRIP** COOKS *** AM SAME CUTS *** AM SAME CUT	150G	MATER	IAL NOT	REGULATI	EV -	and Substitute of the substitu			* * * * * * * * * * * * * * * * * * * *		***	1
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TACOMA 1701 E. Alexander Ave., Tacoma, WA 98421 (206) 627-75 VEHICLE NO. (0000 TRAILER NO. DATE 3 - 5 - 96 WASHOUGAL 625 South 32nd St (PO Box 229) Washougal, WA 98 (360) 835-8594 COMMITTINE:	ADDRESS					<u>.</u> .		PIER 91 B	uilding 19, Box C			
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***FOR 24 HOUR EMERGENCY RESPONSE INFORMATION. CALL (206) 872-7859 *** (16035) 37396

Plea	ase p	print or type. (Form designed for use on elite (12-pitch) typewriter.)			Form /	Approved. OMB	no. 2050-0039.	Expires 9	-30-96
A	U	INIFORM HAZARDOUS 1. Generator's US EPA ID No. WASTE MANIFEST	Manifest Do	cument No.	2 Pa of		ation in the st equired by Fe		
11	3.	Generator's Name and Mailing Address			A. Sta	te Manifest Do		per 💥	
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		8701 Greenwood Aye. North			B. Sta	te Generator's	1 21 21		
$\ \ $	4.	Generator's Phone Grant 1 and 98103 Transporter 1 Company Name 6.	US EPA ID Numbe		1.0	te Transporter		, i i	
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	 		სტებტტე 743 US EPA ID Numbe			te Transporter		<u>აცა∸ა</u>	
П	ļ′·	Transporter 2 Company Name 8.	03 ELY IO Mailine	7 1		nsporter's Pho		, (2.0)	
H	<u> </u>	Designated Facility Name and Site Address 10.	US EPA ID Numbe			te Facility's ID			88.15
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	<u> </u>	Kent . WA 98032	<u>HAD991281747</u>	12. Conta	inore	<u>- ≫(2063≪</u> 13.	872-8030	1 1128	BANGSI Bankar
G	11.	US DOT Description (Including Proper Shipping Name, Hazard CI	lass and ID Number)	1 .	Туре	Total Quantity	Unit William	aste No	
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	J.	Additional Descriptions for Materials Listed Above	100000000000000000000000000000000000000	14/15/44	K. Han	dling Codes for	Wastes Liste	d Above	1
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	15.	Special Handling Instructions and Additional Information	and the state of t						
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П									
	16	GENERATOR'S CERTIFICATION: I hereby declare that the contents of this	consignment are fully and	accurately d	escribed	above by			
1	'	proper shipping name and are classifled, packed, marked, and labeled, and	d are in all respects in prop	er condition t	or transp	ort by highway			
		according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place	to reduce the velume and	tovicity of w	raete goo	orated to the dec	araa I baya date	eminad to	n ha
1		economically practicable and that I have selected the practicable method	of treatment, storage, or o	disposal curre	ently avai	ilable to me whic	th minimizes the	present	and
İ		future threat to human health and the environment; OR, if I am a small que the best waste management method that is available to me and that I can a	iantity generator, I have mi	ade a good f	aith effort	to minimize my	waste generati	on and se	elect
L	\vdash	Printed/Typed Name	Signature	1 .			Month	Day	Year
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Ţ	17	Transporter 1 Acknowledgement of Receipt of Materials	, 			7			10
Á	17.		Signature, LP		\		Month	Day	Year
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P	10	Transporter 2 Acknowledgement of Receipt of Materials		7) '	α	run_	ر المالية		1:0
R	10.		Signature	<u> </u>	<u> </u>	•	Month	Day	Year
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LITY	20.	Facility Owner or Operator: Certification of receipt of hazardous		nis manifes	st excep	t as noted in It			.
Ÿ		Printed/Typed Name	Signature				Month	Day 1	Year
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-		2700-22 (Rev. 9-88). Previous additions are chapter							

***FOR 24 HOUR EMERGENCY RESPONSE INFORMATION, CALL (206) 872-7859 *** (16035)

Form Approved. OMB no. 2050-0039. Expires 9-30-96 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 1. Generator's US EPA ID No. Manifest Document No. Information in the shaded areas 2 Page 1 UNIFORM HAZARDOUS is not required by Federal law. MADERRESORI 16 2028)4 **WASTE MANIFEST** A. State Manifest Document Number Generator's Name and Mailing Address Текасе 2. 1885 Top 62 30-8701 Greenwood Bve. Morth B., State Generator's ID 4. Generator's Phone 12061889 3253 (1887): V US EPA ID Number C. State Transporter's ID Transporter 1 Company Name 6. DETransporter's Phone (205) 38.1-3044 WARCXXXXX1743 thir lington Environmental, E. State Transporter's ID US EPA ID Number 8. 7. Transporter 2 Company Name F. Transporter's Phone G. State Facility's ID Designated Facility Name and Site Address
1917 1 1001 On Environment of 10. US EPA ID Number 1 国际部分上 H. Facility's Phone (206) 762-3362 734 South Lacile Street , MA SHIOB MACCCCC312909 Seattle. Containers Waste No. Unit 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) Total Type Quantity WtVol No. COLUMN TITE TO THE TOTAL TOTAL TOTAL COST a. C: 1 174 b. 0 C. d. Kill Handling Codes for Wastes Listed Above 'n, je. 15. Special Handling Instructions and Additional Information Please reduct original manifest to: Robin Game, Yexaru, 19 Nov 2968, Birkland Mb 98011. Texaco Job \$ (to follow) 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantily generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Year Signature Month Day Printed/Typed Name HERESA 17. Transporter 1 Acknowledgement of Receipt of Materials Day Year Signature Month Printed/Typed Name 04 74 Grinle $F \subseteq \mathcal{I}$ 18. Transporter 2 Acknowledgement of Receipt of Materials Month Day Year Signature Printed/Typed Name 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Month Day Year Signature Printed/Typed Name

		Manifest			_	S Soil Recy lous Soils	ciing	V Man	ifest# Ū	
% [₩ņ (:) 	Date of Shipment:	Responsible for		Transporte		Facility #:	Given by TPS:		Load#
		- ;-	GENERA	ror			103	00623		@@ _[1
		Generator's Name and Billing	Address:			Generator's Phone		Generator's US		
D		TEXACO EH&S 3700 - 188tH	STREET SL	J		Person to Contact:			T	
		2166 - 100011	011111111111111111111111111111111111111	•		THERESA				11 7770
		LYNNWOOD, WA	98037			登巻/771-	7786	Customer Acco	unt Number	with 11%:
		Consultant's Name and Billing	Address:			Consultant's Phon 206/227-				·
		1921 EDMONDS	DRIVE SE			PERN CARET	ER			
186.16		RENTON, WA	98055	•		B08/227-	0225	Customer Acco	ount Number	with TPS:
		Generation Site (Transport from TEXACO #63ーと	n): (name & address) 32–0037	· · · · · · · · · · · · · · · · · ·		Site Phone #:		BTEX Levels		
	t –	8701 GREENWO	DD AVENUE	•		Person to Contact:		TPH Levels		
2.00	Consultant	SEATTLE, WA	•	•		FAX#:	<u> </u>	AVG. Levels		
		Designated Facility (Transport TPS TECHNOLO	to): (name & address) BIES INC.			Facility Phone #: 206/584-	8430	Facility Permit	Numbers	
	and/or	2800 104th S	TREET SOU	TH		Person to Contact RENEE AV	ELINO			
		TACOMA, WA	98444	ı		学66/584-	8309		· · ·	· · · · · · · · ·
	Generator	Transporter Name and Mailing	Address: R & SONS			Transporter's Phot	4544	Transporter's I	JS EPA ID No.	
				÷		BAN to REPA	OLDS	Transporter's I	OOT No.:	-
		·				206/74 2-	7410	Customer Acco	ount Number	with TPS:
		Description of Soil	Moisture Content	Contaminated	by: Appro	x. Qty: Descrip	otion of Deliv	very Gross Weight	Tare Weight	Net Weight
		Sand	0 - 10%	Gas \ □ Diesel □ Other □				100520 31.06	38400	62120
		Sand 🖸 Organic 🗅 Clay 🖸 Other 🔾	0 - 10%	Gas □ Diesel □ Other □				31.06	•	
		List any exception to items listed ab		. 511101 4	-	,	,	· · · · · · · · · · · · · · · · · · ·		
		Generator's and/or consulta Sheet completed and certific any way.	nt's certification: ed by me/us for the	I/We certify that Generation Site	the soil re	ferenced herein is l ove and nothing h	taken entirel as been adde	ly from those soils desc ed or done to such soil	ribed in the t that would a	Soil Data alter it in
	κķ	Print or Type Name:	Generator 3	Consultant	□ Sig	nature and date:			Month	Day Year
	rter	Transporter's certification: condition as when received	. I/We further cer	tify that this so	il is being	directly transport	ed from the	n soil is being delivere Generation Site to th	d in exactly e Designated	the same l Facility
	Transporter	without off-loading, adding	to, subtracting fro	m or in any way	delaying	delivery to such si			Month 1	Day Year
	Tra	CLANA J	SMITH	/			m77		Z	5 96
	Facility	Discrepancies:			·				•	
		7 7 7 10		ananad bu Alais	mifart ana	nt as noted above				
	Recycling	Recycling Facility certifies th	e receipt of the soil c	overeu by inis ma		nature and date:		$\overline{}$		
	Recj	Renee Avel	ino		-	H.	sã	Kins	į	
	láge	se print or type.			•				**************************************	

	Manifest			_	s Soil Recy lous Soils	cling		iifest#. V	
	Date of Shipment:	Responsible for GENERA	· ,	Transporte	r Truck-#-	Facility #:	Given by TPS: 연연6근		Load #
	Generator's Name and Billin TEXACO EH&S 3700 - 188th	-	W	i T	Generator's Phone 206/774- Person to Contact: THERESA	6090	EXT.	IS EPA ID No. 224	
	LYNNWOOD, WE	98037		•	FAX#: 206/771-	7786	Customer Acc 1 0 0 1 5 1	ount Number 3	with TPS: .
	Consultant's Name and Billin	ng Address:		▼	Consultant's Plion 206/227-				
	1921 EDMONDS	DRIVE SE	٠		Person to Contact: JOHN MEY				
	RENTON, WA	98055			206/227-	0 225	Customer Acc	ount Number	with TPS:
	Generation Site (Transport from TEXACO #63-8	32-0037	s Sammija — Galegii Sammija — Galegii		Site Phone #:		BTEX Levels	,	
ant and	8701 GREENWO	OD AVENUE	in the second of	,	Person to Contact:	· · · · · · · · · · · · · · · · · · ·	TPH Levels		
Consultan	SEATTLE, WA				FAX#:		AVG. Levels		
. Se		GIES INC.			Facility Phone #:		Facility Permi	t Numbers	
or and/or		STREET SOU	TH		Person to Contact: RENEE AV	ELINO		* * * * * * * * * * * * * * * * * * * *	
Generator	TACOMA, WA	98444			FAX# 206/584-		Transportar's	US EPA ID No	
8	Transporter Name and Mailir A.L. SLEISTE			٠.	206/742-	4944	Transporter's	· .	
			. :	:	DAN REYN	olds		ount Number	with TPS:
	Description of Soil	Moisture Content	Contaminated by	v. Annrox	2006/742-	tion of Deliv	erv Gross Weight	Tare Weight	Net Weight
	Sand 🗅 Organic 🗅	0 - 10%	Gas Diesel D	y. Approx	a. a.y. Doddin		-	<u> </u>	37640
	Clay O Other O Sand O Organic O	20% - over 🔾 0 - 10% 📮 10 - 20% 📮	Other □ Gas □ Diesel □		·		15.50	30000	5/610
	Clay Other O List any exception to items listed a	20% - over 🗆	Other 🗅	<u> ; </u>		· 1 · · · 1	18.80	<u>† </u>	
	Generator's and/or consult Sheet completed and certifi any way.	ant's certification: lied by melus for the	I/We certify that t Generation Site s	he soil ref shown abo	erenced herein is to ve and nothing ha	aken entirely is been added	y from those soils desc d or done to such soil	ribed in the that would a	Soil Data alter it in
kk	Print or Type Name:	Generator 9	Consultant C) Sign	ature and date:			Month	Day Year
Transporter	Transporter's certification: condition as when received without off-loading, adding	i. I/We further cer	tify that this soil	is being a	lirectly transporte	ed from the (soil is being delivere Generation Site to th	d in exactly e Designated	the same I Facility
Trans	Print or Type Name:	- + / ////			atyre and date:	70/ ·		Month 3) × × × × × × × × × × × × × × × × × × ×
Facility	Discrepancies:	W	پسونو	· · · · · · ·		V			
iling F	Recycling Facility certifies th	ne receipt of the soil co	ivered by this mari						· · ·
Recycling	Print or Type Name: Renee Avel	ino		Sign	ature and date:	14	nol.		x11)
Plea	se print or type.		٠,		4 (

.6	Manifest	THE REPORT OF THE PARTY OF THE		_	s Soil Re	_	1200	L Ma	nifest#	ĽØ:
Company of the Compan		Responsible fo			er Truck #:	Facility #:	respiratorists.	en automorphism of the contract of the contrac		PROFESSION PROFESSION
Section Tonio	Date of Shipment:	GENERA	·	iransport	er iruck #:	103	Given	by TPS: 0062	· 7	Load 1210
	Generator's Name and Billing		1100		Generator's I					
\$ ()		Address:							JS EPA ID No.	
>	TEXACO EH&S				Person to Cor	<u>4-6090</u> ntact:	_ _ _ 5	EXT.	224	
	3700 - 188tH	STREET S	5W		l .	A GEIJER	2 '			
					FAX#:	:	Cus	Customer Account Number with TPS: 1001513		
ĝ	LYNNWOOD, WA				206/77	•	10	10151	3	•
	Consultant's Name and Billing	Address:	ē		Consultant's		1		•	
	ERI				206/22 Person to Cor				-	•
	1921 EDMONDS	DRIVE SE		•	JOHN M					•
	\$				FAX#:	· · · · · · · · · · · · · · · · · · ·	Cus	tomer Acc	ount Number	with TPS:
	RENTON, WA	- ·	\$	_	206/22	7-0225	- :			
	Generation Site (Transport from		J. A		Site Phone #:		BTE			
- -	TEXACD #63-20			1 4 ₂₅₀	Person to Con	Înctr.	TPI		. •	_
₹ '	8701 GREENWOO	NO HAEMOR			r erson to Con	iaci.	Lev			
ılta	CEATTLE NA		:		FAX#:	•	AVO	5.		
Consultan	SEATTLE, WA	:					Lev	els		
ပို	Designated Facility (Transport		;) ,		Facility Phone		Faci	lity Permi	t Numbers	
and/or	TPS TECHNOLOG					<u>4-8430</u>			- 	
anc	2800 104th Si	REET SOU	ITH		Person to Con	AVEL INO	İ			
erator		.:.	•		249 62 4				- , ,	
era	TACOMA, WA 9	8444		FAX#: 206/584-8309						
Gene	Transporter Name and Mailing		Transporter's		Tran	Transporter's US EPA ID No.:				
	A.L. SLEISTER	R & SONS		206/74		·			•	
			Person to Cont DAN RE		Tran	sporter's	DOT No.:			
		• •			505/74a	`	Cusi	omer Acc	ount Number	with TPS:
	Description of Soil	Moisture Content	Contominated by	4	·		1 6	• .		. ,
	Description of Soil			y: Approx	c. city: Des	cription of Delive	ery Gros	is weight	Tare Weight	Net Weig
	Sand O Organic O	·0 - 10%	Gas 🗅 Diesel 🖸				1/2:	2120	1/2/20	1000
	Clay C Other C	20% - over 🗅	Other 🗅				10:	120	40120	63000
	Sand 🔾 Organic 🖸 Clay 🗘 Other 🗅	0 - 10%	Gas □ Diesel □	İ		÷	31	50	40120	
	List any exception to items listed abo		Other O	 ,		1		· · · · · · · · · · · · · · · · · · ·	<u>.</u>	19
11	,								÷ .	
	Generator's and/or consultar	ıt's certification:	I/We certify that t	he soil ref	erenced herein	is taken entirely	from thờse :	soils desc	ribed in the S	Soil Data
	Sheet completed and certified any way.		•	hown abo	ve and nothing	g has been added	or done to	such soil	that would a	lter it in
	Print or Type Name:	Generator 2-	Condulton D) Siam	ature and date:		,		, Month , I	Day Year
: X	· · ·	Generator -	, consumant c	. 3.8	ature and date.			i.	Worth	Jay Tea
<u>.</u>	Transporter's certification:	/We acknowledge	receipt of the soi	l describe	d above and ce	ertify that such s	soil is being	delivered	in exactly	the same
ğ	condition as when received.	I/We further cer	tify that this soil	is being a	lirectly transp	orted from the G	Seneration S	ite to the	e Designated	Facility
2, T	without off-loading, adding t		m or in any way a			site.	0			
<u>ra</u>	Print or Type Name:	SAW			ature and date:	/	\	ر	1 - 1 .	Day Year
~ /	Discrepancies:	SHWI	\(\frac{1}{2}\)	× 1/			7		. 13 (0 /6
-4	•	•								
7										•
7			- مر							
Facility				<u> </u>						
Facility	Recycling Facility certifies the	eceipt of the soil co	overed by this mani	fest except	as noted above:					
Facility	Recycling Facility certifies the Print or Type Name:	eceipt of the soil co	overęd by this mani		as noted above:	•				-
ling Facility			vveręd by this mani			o a		-		1

5	Manifest			n-Hazard	ous Soil Recy	cinig		4 Man	ifest#.↓	
را	Date of Shipment:	Responsible for		Transporter	Truck #:	Facility #:	Gi	ven by TPS:		Load #
		GENERA:	TOŖ			103		00623	3	12105
	Generator's Name and Billing	Address:			Generator's Phone			Generator's US		
	TEXACO EH&S			İ	206/774-			EXT.	224	
<u>.</u>	3700 – 188tH	STREET SI	W		THERESA		*	٠	•	
				•	FAX#:			Customer Acco	ount Number	with TPS:
	LYNNWOOD, WA	98037	٠		206/771-	7786		1001513	3 	
2	Consultant's Name and Billing	Address:			Consultant's Phone					
	ERI	·			206 / 227 - 1 Person to Contact:					
	1921 EDMONDS	DRIVE SE			JOHN MEY					·
	RENTON, WA	9.8055			FAX#: 206/227-	0225		Customer Acco	ount Number	with TPS:
	Generation Site (Transport from		· ,		Site Phone #:			BTEX Levels		
. I	TEXACD #63-2		th and the	\$ L	Person to Contact:	* *		TPH	***	
	8701 GREENWO	JD HAFMOF	•		7 615071 10 601114611	r ·	•	Levels -		
Consultant	DECTTIF NO		•		FAX#:			AVG.	-	· .
1351	SEATTLE, WA	sa <u> </u>			,		-	Levels		
	Designated Facility (Transport		•		Facility Phone #: 206/584-6	943D		Facility Permit	Numbers	•
Ş	TPS TECHNOLOG		TLJ		Person to Contact:	<u> </u>	_			
a a	2800 104th S	IKEEL SOO	117		RENEE AVI	ELINO			· · ·	
Generator and/or	TACOMA, WA	98444			FAX#: 206/584-	B3Ø9				
ene	Transporter Name and Mailing	Address:		- نوب	Transporter's Phor			Transporter's (JS EPA ID No	
ر ا	A.L. SLEISTE	R & SONS			206/742-4944 Person to Contact:			Transporter's DOT No.:		
2								Transporter's I	OI No.:	• .
					206/742-	7 / 1 /2		Customer Acco	ount Number	with TPS:
	,,				206/742-	74.1 KI				
	Description of Soil	Moisture Content	Contaminated I	by: Approx	. Qty: Descrip	tion of Deliv	ery _	Gross Weight	Tare Weight	Net Weight
X.25.	Sand O Organic O	.0 - 10% 🖸 10 - 20% 📮	Gas 🖸 Diesel 🔾					103520	2000	111500
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	Sand Organic O	0 - 10%	Diesel 🗅			,		32.26		•
	List any exception to items listed ab	20% - over □ ove:	Other 🗅	11, ,	o taga to	111 \$ 1 m. 1) 	N " Y		
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T. Krawiek	Generator's and/or consulta	nt's certification:	I/We certify that	the soil ref	erenced herein is to	aken entirely s been adde	from t	hose soils desc	ribed in the S that would a	Soil Data ilter it in
MSVEL PERMEN		nt's certification: d by me/us for the	I/We certify that Generation Site	the soil refe shown abo	erenced herein is to we and nothing ha	aken entirely is been added	from t d or dor	hose soils desc ne to such soil	ribed in the S that would a	Soil Data alter it in
	Generator's and/or consulta Sheet completed and certifie	nt's certification: d by me/us for the	I/We certify that Generation Site Consultant	shown abo	erenced herein is to we and nothing ha	aken entirely is been added	from t d or dor	hose soils desc ne to such soil	that would a	Soil Data alter it in
XX	Generator's and/or consulta Sheet completed and certific any way. Print or Type Name:	Generator	Generation Site	shown abo	ve and nothing ha	s been addee	d or dor	ne to such soil	Month	Day Year
ter ×	Generator's and/or consulta Sheet completed and certific any way. Print or Type Name: Transporter's certification:	Generator 3	Consultant creceipt of the se	shown abo	ve and nothing ha	s been added	soil is	ne to such soil	Month	Day Year the same
porter X	Generator's and/or consulta Sheet completed and certific any way. Print or Type Name:	Generator O	Consultant Consultant receipt of the sitify that this soi	shown abo	ve and nothing ha lature and date: d above and certif directly transporte	y that such	soil is	ne to such soil	Month	Day Year the same
ansporter ×	Generator's and/or consulta Sheet completed and certific any way. Print or Type Name: Transporter's certification: condition as when received	Generator O	Consultant Consultant receipt of the sitify that this soi	shown abo Sign oil describe il is being a delaying d	we and nothing hat hature and date: d above and certificiently transporte lelivery to such site	is been added fy that such d from the e.	soil is General	ne to such soil	Month d in exactly e Designatea	Day Year the same I Facility Day Year
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Recycling Facility Transporter X	Generator's and/or consulta Sheet completed and certific any way. Print or Type Name: Transporter's certification: condition as when received without off-loading, adding Print or Type Name: Discrepancies: Recycling Facility certifies the	Generator 3. I/We acknowledge. I/We further certo, subtracting fro	Consultant Consultant receipt of the si tify that this soi m or in any way	shown abo Sign oil describe il is being a delaying d Sign	ature and date: d above and certificetly transportelelivery to such situature and date: Territory as noted above:	is been added fy that such d from the e.	soil is General	ne to such soil	Month d in exactly e Designatea	Day Year the same I Facility Day Year

1	Date of Shipment:	Responsible for Payment:		rdous Soils rter Truck #:	Facility #:	Given by TPS:	anifest#	Loa
		GENERATOR			103	006	23	P
	Generator's Name and Billing A	ddress:		Generator's Phone	e #:	Generator's	US EPA ID No	
	TEXACO EH&S			206/774-		EXT.	224	
	3700 - 188th	STREET SW		Person to Contact:				
				FAX#:	OCIDEK		· · ·	
	LYNNWOOD, WA	98037	•	206/771-	7786.	Customer A 10015	ccount Numbe	er with TPS
	Consultant's Name and Billing A	ddress:		Consultant's Phon	e #:			
	ERI			206/227-	02 <u>80</u>			
	1921 EDMONDS I	ORIVE SE		Person to Contact: JOHN MEY!				
								
		3 055		EAX# 206/227-0	2225	Customer Ac	count Numbe	r with TPS
776	Generation Site (Transport from):	(name & address)		Site Phone #:		BTEX		
	TEXACO #63-232	C-NAS X	ب ب	1	. j. i	Levels		
	8701 GREENWOOI	HAFNOF	t	Person to Contact:		TPH Levels		
	CENTTLE UA			FAX#:				<u> </u>
	SEATTLE, WA 🤔					AVG. Levels		
	Designated Facility (Transport to):			Facility Phone #:		Facility Perm	it Numbers	
	TPS TECHNOLOGI			206/584-8	1430	//		
	2800 104th STR	EET SOUTH		Person to Contact: RENEE AVE	T TNO :			٠, .
ı							<u></u>	
	TACOMA, WA 98	444		206/584-8	309		•	100
ľ	Transporter Name and Mailing Ad	dress:		Transporter's Phone	#:	Transporter's	US EPA ID No	eda Graffariniya :
ı	A.L. SLEISTER	& SONS	•	206/742-4	944	£1.		
ļ	And the second second		•	Person to Contact: DAN REYNO	ເກຣ	Transporter's	DOT No.:	
ļ	· ·				<u>.</u>	 		
L	N			E06/742-7	410	Customer Aco	ount Number	with TPS:
L	Description of Soil Moi	sture Content Contaminated	by: Approx	. Qty: Description	on of Delivery	Gross Weight	Tare Weight	Net Weig
l	organic d	- 10%				, ,		
F	Clay d Other d 20	0% - over 🔾 Other 🖸				100620	40340	60282
ŀ		- 10%				0- 1		
L	ist any exception to items listed above:	0% over 🖸 Other 🚨	<u> </u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·	20.14		•
L					1 961	1 " Y	•	•
G	Generator's and/or consultant's	certification: I/We certify that	the soil refe	renced herein is take	en entirely from	those soils descr	rihad in the S	oil Data
_	heet completed and certified by ny way.	me/us for the Generation Site	shown abou	e and nothing has l	een added or do	ne to such soil	that would a	lter it in
Ľ			r.				_	
'	MANK C	enerator 3 Sonsultant	Signa 引力	ture and date:			Month D	ay Year
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-	minimum as when received, If a	ve lutther certity that this son	i is heino di	rectiu trancnorted i	from the Genera	veing ueilverea tion Site to the	in exactly to Designated	ne same Facility
	inour off-touting, utuing to, si	ibtracting from or in any way	delaying de	livery to such site.	And the second	70 1110		<i>y</i>
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	screpancies:					•	<u> </u>	
Dis	•							
Dis							. •	_
Dis								7
			ifest except a	s noted above:		 _		
Re	cycling Facility certifies the recei	pt of the soil covered by this man.	-jest except a					
Re	cycling Facility certifies the receipton to Type Name:	pt of the soil covered by this man		ure and date	}			
Re		pt of the soil covered by this man		—————	/ 			

TPS INVOICING COPY

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	Ŕ	Manifest			PS Techno No	_	s SOII Rec dous Soils	ycling		↓ Mai	nifest#:\	
<i>_</i>	4	Date of Shipment		ponsible fo		Transport	er Truck #:	Facility #:		iven by TPS:		Load #
		·		ENERA	TOR			103	<u> </u>	0062		קושוש
	ı	Generator's Name and Billin TEXACO EH&S	g Address	5:			Generator's Pho	-,		Generator's L	•	
	j	3700 - 188tl	d STR	REET S	W		Person to Conta	ict:	 -	<u> </u>	<u> </u>	
		,				•	THERESA	GEIJE	₹ .			
96. 2000 300		LYNNWOOD, WA	98	037.			FAX#: 206/771	-7786		Customer Acc 100151	count Number 3	with TPS:
31 k 15 û 16 o	-	Consultant's Name and Billin	ng Addres	s:			Consultant's Ph					
	١	ERI 1921 EDMONDS	זפת ב	UE SE	•		206/227 Person to Conta					·
	į	1	, 11/1	VL UL	•		JOHN ME	YER				
	l	RENTON, WA	9805	5 .	· <u>· · · · · · · · · · · · · · · · · · </u>		FAX#: 206/227	-0225		Customer Acc	ount Number	with TPS:
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五	1	8701 GREENWO		· •.			Person to Contac			TPH Levels	11	
Consultant							FAX#:			AVG.		
nsu	L	SEATTLE, WA	·. `							Levels		
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<u>ا</u> ع	1	2800 104th 9			TH		Person to Contac	et:				
9 70 20 80	١					•	RENEE A	VELINO		· .		
Generator and/or	L	TACOMA, WA				art a.	FAX#: 206/584:	-8309				
g	ľ	Transporter Name and Mailir A. L. SLEISTE					Transporter's Ph 206/742-		*	Transporter's l	JS EPA ID No	
					· · · · · · · · · · · · · · · · · · ·	*	Person to Contac DAN REY	, NOLDS		Transporter's I	OOT No.:	
		2 · v					206/742-	-7410		Customer Acco	ount Number	with TPS:
	╁	Description of Soil	Moistur	e Content	Contaminated by	y: Approx	·	iption of Deliv	ery	Gross Welght	Tare Weight	Net Weight
1,442,535	ľ	Sand O Organic O	0 - 109 10 - 20		Gas 🗅 Diesel 🖸					88540	1/02/10	118ma
	H	Clay O Other O	20% - 0 - 109	over 🗆	Other 🗆					00090	70390	7020
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i di Lek	Ī	List any exception to items listed a	ove:		11		,		. ,			
i d		Sheet completed and certifi 111y way.	ed by me	/us for the	Generation Site s	hown abo	ve and nothing l	nas been added	d or don	e to such soil	that would a	lter it in
	ᆫ	rint or Type Name:	Genera	ator 🗅	Consultant C	Sign	atuse and date:	. (:		Month D	Day Year
	L	Thank	<u>ره ،</u>		•		77		1, J1_	 	3	7 96
Transporter	c	Transporter's certification: condition as when received	. I/We f	urther cert	ify that this soil	is being a	irectly transport	ted from the (
nsp	_	vithout off-loading, adding	to, subti	racting fror	n or in any way a		elivery to such s	ite. 			. March F	
Tra	Ĺ	- type reamer	· 			Jign.	nuc and date.			· .	Month D	Day Year
	E	Discrepancies:								1		
Facility	l		•	• .			•				/	
	L						<u> </u>					
clin	┗	Recycling Facility certifies the	receipt o	f the soil co	vered by this mani) —			
Recycling	"					Signa	ture and date:		/			
	L	Renee Avel:	ino				U	0)		<u> </u>		
Pleas	se j	print or type.	经过滤	BRANCH						10000000	亚维斯特等	25

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Woodworth & Company, Inc. GENERAL CONTRACTORS

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

LAKEVIEW PIT TICKET

Contractors Lic. # WOODW 377NO



Ticket # 85790 Wmaster REBECCA Sale Loc. Saletype C CUSTOMER

TOD **CAUTION: HOT ASPHALT WILL BURN YOU!** RECEIVED * JOB LOAD JOB TONS PURCHASE ORDER: CUSTOMER: TPS TECHNOLOGIES SOILS 52.40 ε MATERIAL BROUGHT INTO TOTAL LAKEVIEW PIT DAILY REFERENCE **SEQUENCE** TRUCK JOB PLANT. SILO #-5-66 DATE 60-TIME TOTAL NET WT. TONS TARE **GROSS** witxTURE 30.14 40340 100620 200 PETRO CONTAM SOIL 60280 LB M SPECIAL INSTRUCTIONS SCALE SERVICE TAX % **PAY THIS AMOUNT**





PIT B160 REMARKS

.

SCALE OPERATOR



Woodworth & Company, Inc. GENERAL CONTRACTORS

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

LAKEVIEW PIT TICKET

Contractors Lic. # WOODW 377NO



Wisketr# REBEEEA17 Sale Loc. Saletype C CUSTOMER

CAUTION: HOT ASPHALT WILL BURN YOU!

PURCHASE ORDER:

LAKEVIEW PIT

STEVE STORMS

JOB JOB TONS
TOTAL 3 84.70

REFERENCE TRUCK PLANT JOB ITE 5-86 60-TOTAL PRICE - GROSS NET WT. TONS IIXTURE <u>39500</u> 22.30 84100 200 PETRO CONTAM SOIL

TPS TECHNOLOGIES SOILS MATERIAL BROUGHT INTO

SPECIAL INSTRUCTIONS

CUSTOMER:

ONS 44600 LB M

SCALE SERVICE

TAX %
PAY THIS AMOUNT

DAILY

JBIC OS _____

PIT B160 REMARKS

SCALE OPERATOR



Woodworth & Company, Inc. GENERAL CONTRACTORS

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

LAKEVIEW PIT TICKET

Contractors Lic. # WOODW 377NO



Wisketr# REBECTA98
Sale Loc.
Saletype C CUSTOMER

CAUTION: HOT ASPHALT WILL BURN YOU

	TION. HOT AS	SPHALI WILL	BURN YOU	J! 		RECEIVE	, *	
CUSTOMER:		PURCHASE ORD TPS TECH MATERIAL LAKEVIEW	NOLOGIES BROUGHT	SOILS INTO		TOTAL DAILY	JOB LOAD	JOB TONS 32.26
DATE 03/07/96 07:50:	PLANT.	SILO #	. JOB 6Ø−	PLANT'		RUCK -116	SEQUENCE	REFERENCE
? <u></u>	ONTAM SOIL		GROSS 103520	TARE 39000	NET WT.	TONS 26	PRICE	TOTAL
SPECIAL INSTRUCTIONS SCALE	SERVICE	645	20 LB M					
					TAX	THIS AMO	TAUC	· · · · · · · · · · · · · · · · · · ·
JBIC DS					- . v	PS)	
MasterCard	FIT B160	REMARKS			- 		SCALE OPERA	ATOR



Woodworth & Company, Inc. GENERAL CONTRACTORS

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

LAKEVIEW PIT TICKET

Contractors Lic. # WOODW 377NO



Windster# REBECCA⁶¹
Sale Loc.
Saletype C CUSTOMER

TOD **CAUTION: HOT ASPHALT WILL BURN YOU!** RECEIVED CUSTOMER: PURCHASE ORDER: JOB LOAD JOB TONS TPS TECHNOLOGIES SOILS MATERIAL BROUGHT INTO 08.80 TOTAL LAKEVIEW PIT 03/07/96 PLANT SILO"# JOB TRUCK DATE 11:35: 60-S-66 -∛IME **GROSS** TARE NET WT. TONS PRICE MIXTURE 200 88540 40340 24.10 PETRO CONTAM SOIL SPECIAL INSTRUCTIONS 48200 LB 2 SCALE SERVICE TAX % **PAY THIS AMOUNT** CUBIC PIT B160 RÉMARKS SCALE OPERATOR



- Woodworth & Company, Inc. GENERAL CONTRACTORS

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



LAKEVIEW PIT TICKET

Contractors Lic. # WOODW 377NO



Ticket # 85668 Wmaster LISA Sale Loc. Saletype C CUSTOMER

CAUTION: HOT ASPHALT WILL BURN YOU!

STEVE STORMS

CUSTOMER:	CONTAMI	DER: HNGLOGIES NATED SOIL KEVIEW PIT		HT TOT		JOB TONS 15.82
YE 03/06/96 PLA 	NT SILO#	9S-	PLANT	**************************************	SEQUENC	E REFERENCE
MIXTURE 2回回 FETRO CONTAM S	OIL ·	GROSS 763ิขีย	38660	NET WT. TONS	PRICE	TOTAL .
SCALE SERVICE	37	640 LB 2		TAX % PAY THI	S AMOUNT	·
BIC DS PIT B	. SØ REMARI	KS .		- x	Ju-a SCALE	OPERATOR



Woodworth & Company, Inc. GENERAL CONTRACTORS

(P) assertation

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

LAKEVIEW PIT TICKET

Contractors Lic. # WOODW 377NO



C CUSTOMER Saletype

CAUTION: HOT A	ASPHALT WILL	BURN YOU	! 		AECEIVE	. <u>*</u>	
CUSTOMER:	PURCHASE ORDE TPS TECHN CONTAMINA INTO LAKE	OLOGIES		HT	TOTAL DAILY	JOB LOAD	JOB TONS 64.65
NATE 03/06/96 PLANT.	SILO #	JOB	PLANT		RUCK & T	SEQUENCE	REFERENCE
MIXTURE ଅଷ୍ଟ CONT. SOIL FOR TP		GROSS 103120	TARE 40120	NET WT. 31.5	rons Ø	PRICE	TOTAL:
SPECIAL INSTRUCTIONS SCALE SERVICE	630	00 L3 M		<u> </u>			,
		-		TAX PAY	% THIS AM	OUNT	
JBIC DS			-	- x ⁽	0	5A	
VSA Mastercard	REMARKS			_	•	SCALE OF	PERATOR



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LAKEVIEW PIT TICKET

Contractors Lic. # WOODW 377NO



C CUSTOMER Saletype

CAUTION	: HOT ASPHA	LT WILL B	BURN YOU!		_, _ _	RECEIVED	*	
CUSTOMER:	C(IRCHASE ORDE PS TECHN ONTAMINA		s BROUGI	HT .	TOTAL 1	JOB LOAD	JOB TONS 31.06
DATE 03/06/96		SILO #	JOB 64-	PLANT	S	DAILY RUCK -116	SEQUENCE	REFERENCE
MIXTURE 200 CONT. SOIL	FOR TPS		GROSS 100520	TARE 38400	NET WT.	TONS Z	PRICE	TOTAL
SPECIAL INSTRUCTIONS SCALE SER	VICE	621	. B 2	· · · · · · · · · · · · · · · · · · ·		X.%. XY THIS AM	OUNT .	·
CUBIC YOS P	Т 8160	REMARK	s 		X	4	SCALE OP	ERATOR

ALS/J	ıV				Date Haule	ed	Year	
	E TICKET			•	3	6	96	
_	A.L. SCEIST	ER			985	OO Gross	Weight	
_					., 45	SSO Tare	Weight	4
_				_	<u>63,</u>	950 Net	Weight	3\? <i>}</i> /
From:	MATERIAL	YARO	· 	To:	GREEN	mco)	JOB	
Hauler:				Truck #	66	Trailer #		
<u>c</u>	Commodity: 2"	otteu	RCCK	·				
Remarks	<u>. </u>		·	· 				
						• · · ·		
						Nº	574	U
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		•						t
- 								

мнивне винь 15421 - 166th Street S.E., Snohomish, WA 98290 (206) 624-2664 - Seattle (206) 794-7814 - Everett

Truck No: S	86	TktNo:	35128051	Gross:	88,020
Customer:	271"A. L. SLEISTER CONSTR.	Date:	3/4/96	Tare:	39,960
-			10:04 AM	Net:	48,060
Jab:	2774 T&M			Tons:	24.030
Product:	2-6/8" CRUSHED ROCK"				
_			•		

Driver's Signature:

Weighed By:

مو دعست جد ،

JIM FORAN COMPANY 572-2867 Seattle) 232-6662 Pit and Dump Site P.O. Box 1477 Mercer Island, WA 98040 A.L. SIE ISTER	JIM FORAN COMPANY 572-2867. (Seattle) 232-6662 Mailing Address P.O. Box 1477 Mercer Island, WA 98040 A Company Jim FORAN COMPANY 572-2867. 9 7 0 9 Pit and Dump Site [635 Marine Yjew Drive Tacoma
ENGLY AND LAKE	CUSTOMER NAME
70 JOB #	то јов
CLASS A PIT RUN CLASS B PIT RUN OTHER JANLY P/17	CLASS A PIT RUN CLASS B PIT RUN OTHER
In no. 11	10. W. 116
050.3 (1005.1) (8 SECALLEY KEYED 1 1464.	HET 62120 LB TECH ED XEYED STEEL OF THE STEEL OF THE STEEL OF THE STEEL OF THE STEEL OF THE STEEL OF THE STEEL OF THE STEEL OF THE STEEL OF THE STEEL OF THE STEEL OF THE STEEL OF THE STEEL OF THE STEEL OF THE STEEL OF T
DUMPSITE CONCRETE UNDER 2' CONCRETE 2' TO 4' MUD CONCRETE 2' TO 4' MUD-SOUP MIXED INERTS ASPHALT OTHER	DUMPSITE DIRT CONCRETE UNDER 2! MUD CONCRETE 2 TO 4! MUD-SOUP DIMIXED INERTS
	□ ASPHALT □ OTHER □ SERVICE OF S
TRUCKER COMPANY NAME	TRUCKER COMPANY NAME
3-6-16	3-6-96
SCALE TICKET PRESS HARD 4 COPIES WHITE-PIT COPY YELLOW-PIT COPY PINK-OFFICE GOLD-CUSTOMER COPY	SCALE TICKET PRESS HARD 4 COPIES WHITE-PIT COPY YELLOW-PIT COPY PINK-OFFICE GOLD GUSTOMER COPY

并证法

JIM FORAN COMPANY 572-2867 (Seattle) 232-6662 Malling Address P.O. Box 1477 Mercer Island, WA 98040 A. L. Sleister CUSTOMER NAME JIM FORAN COMPANY 572-2867 (Seattle) 232-6662 Pit and Dump Site 1635 Marine View Drive Tacoma	JIM FORAN COMPANY 572-2867 (Seattle) 232-6662 Mailing Address P.O. Box 1477 Mercer Island, WA 98040 Jacoma
TO JOB PO/JOB PO/JOB # 2657 CLASS A PIT RUN CLASS B PIT RUN A OTHER 5- P//2	TO JOB PO/JOB 2774
10. 40. 66 GROSS 103380 LK JASES 40140 LB RECALLED KEYED NET 03240 L	10. MO. 66 GROSS 98480 LB E TAKE 40140 LB RECALLED KEYED NET 58340 LB
03.06/36 11:00 at 31.62 DUMPSITE	U3/06/96 12:11 PM
☐ DIRT ☐ CONCRETE UNDER 2' ☐ MUD ☐ CONCRETE 2' TO 4' ☐ MUD SOUP ☐ MIXED INERTS ☐ OTHER	DUMPSITE CONCRETE UNDER 2 MUD CONCRETE 2 TO 4 MUD-SOUP MIXED INERTS ASPHALT OTHER
TRUCKER! Truck # 66 3-6-96	TRUCKER COMPANY NAME Truck # 16.6
SCALE TICKET PRESS HARD 4 COPIES WHITE PIT COPY YELLOW PIT COPY PINK-OFFICE GOLD CUSTOMER COPY	SCALE TICKET PRESS HARD 4 COPIES WHITE-PIT COPY YELLOW PIT COPY 1: PINK OFFICE GOLD CUSTOMER COPY 1: PINK

ALS/JV SCALE TICKET ALSCEISTER SCNS STEED WCG Trailer # Store Commodity: Ptr - Run Remarks: Nº 573	ALS/JV SCALE TICKET	Date Hauled 96 Year
38, 460 Tare Weight 63 640 Net Weight 63 640 Net Weight 70: (ARELINGO) # 2774 116 11	A.L. SLEISTER	/02, (00 Gross Weight
From: MATERIAL GARD Hauler: Commodity: Pit—Row Remarks: Nº 5736 ALS/JV SCALE TICKET A-C. SCEISTER & SCUS Prom: MATERIAL GARD Remarks: Nº 5736 ALS/JV SCALE TICKET A-C. SCEISTER & SCUS Date Hauled 38, 460 Tare Weight 38, 460 Trailer # S //6 Truck # //6 Trailer # S //6 ALS/JV SCALE TICKET A.C. SCEISTER A.C. SCEISTER Date Hauled 38, 460 Tare Weight Truck # //6 Trailer # S //6 ALS/JV SCALE TICKET A.C. SCEISTER TY 350 Gross Weight 38, 660 Tare Weight TO: CREENWCO Nº 5737 TO: CREENWCO TO: CREENWCO TO: CREENWCO TO: CREENWCO TO: CREENWCO Trailer # SCALE TO: CREENWCO T		38, 460 Tare Weight 31,9
Hauler: Truck # 116 Trailer # Commodity: Pit-Row Remarks: Nº 573 ALS/JV SCALE TICKET A-C SCEISTER & Scws 103 600 Gross Weight 38 460 Tare Weight Commodity: Pit-Row Remarks: Nº 573 ALS/JV SCALE TICKET Truck # //6 Trailer # S //6 ALS/JV SCALE TICKET A-C SCEISTER & Scws Nº 573 ALS/JV SCALE TICKET A-C SCEISTER A-C SCEISTER Truck # //6 Trailer # S //6 Truck # //6 Trailer # S //6 The Weight School Tare Weight		63 640 Net Weight
Remarks: Nº 5738 ALS/JV SCALE TICKET AL SCEISTER SCUS Prom: MATERIAL YARD ALS/JV SCALE TICKET ALS JUGO Tare Weight Commodity: Pro - Row Remarks: Nº 5737 ALS/JV SCALE TICKET ALS JUGO Tare Weight Truck # //6 Trailer # S //6 ALS/JV SCALE TICKET ALS JUGO Tare Weight ALS/JV SCALE TICKET ALS JUGO Tare Weight To: GREEN WCCD Truck # //6 Trailer # S //6 ALS/JV SCALE TICKET ALS JUGO Tare Weight TO: GREEN WCCD Truck # 86 Trailer # Commodity: Pro - Row To: GREEN WCCD Truck # 86 Trailer # Commodity: Pro - Row Truck # 86 Trailer # Commodity: Pro - Row	From: MATERIAL YARD	TO: GREENWOOD #2774
ALS/JV SCALE TICKET A-C. SCEISTER & SCUS A-C. SCEISTER & SCUS A-C. SCEISTER & SCUS A-C. SCEISTER & SCUS A-C. SCEISTER & SCUS A-C. SCEISTER & SCUS A-C. SCEISTER & SCUS A-C. SCEISTER & SCUS A-C. SCEISTER & SCUS ALS/JV SCALE TICKET A-C. SCEISTER A-C. SCEISTER A-C. SCEISTER A-C. SCEISTER A-C. SCEISTER Truck # //6 Date Hauled A-C. SCEISTER A-C. SCEISTER A-C. SCEISTER Truck # 86 Trailer # Commodity: Ptt - ROW To: CREENWCO Trailer # Commodity: Ptt - ROW To: CREENWCO Truck # 86 Trailer # Commodity: Ptt - ROW Truck # 86 Trailer #	3. 2	Truck # / (6 Trailer #
ALS/JV SCALE TICKET A-L SCEISTER & SCUS A-L SCEISTER & SCUS A-L SCEISTER & SCUS A-L SCEISTER & SCUS A-L SCEISTER & SCUS A-L SCEISTER & SCUS A-L SCEISTER & SCUS A-L SCEISTER & SCUS ALS/JV SCALE TICKET A-L SCEISTER A-L SCEISTER Truck # //6 Trailer # S//6 Date Hauled & Year ALS/JV SCALE TICKET A-L SCEISTER TY 35 Gross Weight 35 660 Tare Weight 35 690 Net Weight TO: CRECHWICH Truck # 86 Trailer # Commodity: Pit - Ruw Truck # 86 Trailer #	Commodity: AT-RUN	
ALS/JV SCALE TICKET A-L SCEISTER & SCUS /03 600 Gross Weight 38 460 Tare Weight 65,140 Net Weight To: GREED WCCD # 2776 Hauler: Truck # //6 Trailer # 5 //6 ALS/JV SCALE TICKET A-L SCEISTER 74 350 Gross Weight 38 660 Tare Weight 38 660 Tare Weight To: GREED WCCD Year 74 350 Gross Weight 74 350 Gross Weight 75 670 Net Weight To: GREED WCCD Truck # 86 Trailer # Commodity: Ptt-Rup	Remarks:	
ALS/JV SCALE TICKET AL SCEISTER & SCUS /03 600 Gross Weight .78, 460 Tare Weight 65, 140 Net Weight To: GREED WCOD From: MATERIAL YARD Remarks: Nºº 5737 ALS/JV SCALE TICKET AL SCEISTER Date Hauled 36 / 96 AL SCEISTER 74 350 Gross Weight 38 660 Tare Weight 35 670 Net Weight From: MATERIAL YARD From: MATERIAL YARD From: MATERIAL YARD Hauler: To: GREED WCO Truck # 86 Trailer # Commodity: Ptt-Rup		Nº 5738
SCALE TICKET A-L SCEISTER & SCUS 103 600 Gross Weight 38 460 Tare Weight 45, 140 Net Weight To: GREED WCCD # 277 Hauler: Truck # 1/6 Trailer # 5 //6 Commodity: Pit - Ruw Remarks: Nº 5737 ALS/JV SCALE TICKET A.L SCEISTER A.L SCEISTER To: GREED WCCD # 277 Truck # 1/6 Trailer # 5 //6 Post Hauled / 96 74 350 Gross Weight 38 660 Tare Weight 35, 690 Net Weight From: MATERIAL YARD To: GREED WCCA 1 Hauler: L. SCEISTER Truck # 86 Trailer # Commodity: Pit - Ruw		
A-L SCEISTER & SCUS 103 600 Gross Weight 38 460 Tare Weight 3	ALS/JV	l l
From: MATERIAL YARD From: MATERIAL YARD To: GREED WCCD #2777 Hauler: Truck # //6 Trailer # S //6 Commodity: Prt - Row Remarks: Nºº 5737 ALS/JV SCALE TICKET A.L SIGISTEE 74 350 Gross Weight 38 660 Tare Weight From: MATERIAL YARD Hauler: To: GREED WCCD Truck # 86 Trailer # Commodity: Ptt - Row	SCALE TICKET	3/6/96
From: MATERIAL YARD To: GREEN WCCD 2774 Hauler: Truck # //6 Trailer # 5 //6 Commodity: Prt - Ruw Remarks: Nºº 5737 ALS/JV SCALE TICKET A.L. SUEISTEE 74 350 Gross Weight 38 660 Tare Weight To: GREEN WCCD 2774 Truck # //6 Trailer # 5 //6 ALS/JV SCALE TICKET A.L. SUEISTEE 74 350 Gross Weight 38 660 Tare Weight To: GREEN WCCD 1574 To: GREEN WCCD 1574 Truck # 86 Trailer # Commodity: Pitt-Ruw	AL SCEISTER & Sous	/03 600 Gross Weight
From: MATERIAL YARD Hauler: Truck # //6 Trailer # 5 //6 Commodity: Prr - Ruw Remarks: Nº 5737 ALS/JV SCALE TICKET A.L. Sueisted Tyunk # //6 Trailer # S //6 74 350 Gross Weight 38 660 Tare Weight 35 690 Net Weight From: MATERIAL YARD Hauler: A.L. Sueisted Truck # 86 Trailer # Commodity: Ptt - Ruw		.38, 460 Tare Weight
Hauler: Truck # //6 Trailer # 5 //6 Commodity: Prr - Row Remarks: Nºº 5737 ALS/JV SCALE TICKET A.C. SIGISTER A.C. SIGISTER TY 350 Gross Weight 35 690 Net Weight From: MATERIAL YARD Hauler: AC SIGISTER Truck # 86 Trailer # Commodity: Prr - Row Truck # 86 Trailer #		65,140 Net Weight
Remarks: Nºº 5737 ALS/JV SCALE TICKET A.C. SCEISTER TY 350 Gross Weight 35,690 Net Weight From: MATERIAL YARD To: CREENWCA Hauler: AC SCEISTER Truck # 86 Trailer # Commodity: Ptt-Ruin	From: MATERIAL YARD	
ALS/JV SCALE TICKET A.L. SCEISTER A.L. SCEISTER TY 350 Gross Weight 38 660 Tare Weight 35 690 Net Weight From: MATERIAL YARD Hauler: The SCEISTER Truck # 86 Trailer # Commodity: Pit-Run	7 7	Truck # //6 Trailer # 5 //6
ALS/JV SCALE TICKET A.L. SCEISTER A.L. SCEISTER A.L. SCEISTER TY 350 Gross Weight 35,690 Net Weight From: MATERIAL YARD Hauler: H.L. SCEISTER Truck # 86 Trailer # Commodity: Ptt-Run		•
ALS/JV SCALE TICKET A.L. SUEISTEE A.L. SUEISTEE TY 350 Gross Weight 38 660 Tare Weight 35,690 Net Weight From: MATERIAL YARD To: GREENWCA Hauler: TEL SUEISTEE Truck # 86 Trailer #	Remarks:	
ALS/JV SCALE TICKET A.L. SCEISTEZ 74 350 Gross Weight 38 660 Tare Weight 35,690 Net Weight From: MATERIAL YARI Hauler: To: GREENWCA Truck # 86 Trailer #		No 5737
SCALE TICKET A.L. SIEISTEZ 74 350 Gross Weight 38 660 Tare Weight 35 690 Net Weight From: MATERIAL YARI Hauler: To: GREENWEN To: GREENWEN Commodity: Pit-Ruin		142 37 37
A.L. SIEISTEZ 74 350 Gross Weight 38,660 Tare Weight 35,690 Net Weight From: MATERIAL YARD To: GREENWEN Hauler: TUCK # 86 Trailer # Commodity: Pit-Ruin		1 1 1
38,660 Tare Weight 35,690 Net Weight From: MATERIAL YARD To: GREENWEAN Hauler: Truck # 86 Trailer # Commodity: Pit-Ruin	SCALE TICKET	5/6/76
From: MATERIAL YARD To: GREENWCON Hauler: AL SIEISTER Truck # 86 Trailer # Commodity: Ptt-Ruw	A.L. SIEISTEZ	74 350 Gross Weight
From: MATERIAL YARD TO: GREENWOON Hauler: HUSIEISTER Truck # 86 Trailer #		
Hauler: HU SCECSTER Truck # 86 Trailer # Commodity: Ptt-Ruin		· · · · · · · · · · · · · · · · · · ·
Commodity: Ptt-Rui		C.C
		Truck # 86 Trailer #
Hemarks:		
	Hemarks:	
Nº 5739		 Nº 5739