

~~TEXACO~~ TEXACO STATION #05-232-0037
LUST#: 2298
KING/Seattle

**EXCAVATION, SOIL SAMPLING, AND
CONSTRUCTION COORDINATION**

AT

**FORMER TEXACO FACILITY 63-232-0037
8701 GREENWOOD AVENUE NORTH
SEATTLE, WASHINGTON**

**ECOLOGY TCP IDENTIFICATION NO. 2868
ERI JOB 31001.R07
February 4, 1997**

Prepared for

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

Prepared by

ENVIRONMENTAL RESOLUTIONS, INC.



DEPARTMENT OF ECOLOGY
NWRO/TCP TANK UNIT

INTERIM CLEANUP REPORT	<input type="checkbox"/>
SITE CHARACTERIZATION	<input type="checkbox"/>
FINAL CLEANUP REPORT	<input type="checkbox"/>
OTHER <u>POST IRAP</u>	<input type="checkbox"/>
AFFECTED MEDIA: SOIL	<input checked="" type="checkbox"/>
OTHER _____ GW	<input type="checkbox"/>
INSPECTOR (INIT.) <u>PN</u> DATE <u>11/25/96</u>	

**EXCAVATION, SOIL SAMPLING, AND
CONSTRUCTION COORDINATION**

at

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

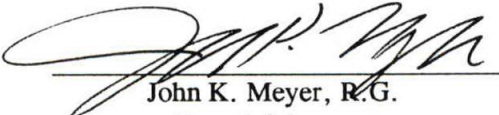
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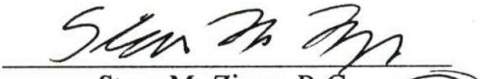

Prepared for

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

by

Environmental Resolutions, Inc.


John K. Meyer, R.G.
Branch Manager


Steve M. Zigan, R.G. 
President

February 4, 1997



Texaco Refining
and Marketing Inc

3400 188th Street SW
Suite 630
Lynnwood WA 98037

March 14, 1997

ENV - SERVICE STATIONS

Excavation Report
Texaco Location # 63-232-0037
8701 Greenwood Avenue North
Seattle, Washington

Mr. Roger Nye
Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

RECEIVED
MAR 20 1997
DEPT. OF ECOLOGY

Dear Mr. Nye:

Enclosed is the 'Excavation, Soil Sampling, and Construction Coordination' report for referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) for Texaco Environment, Health & Safety. The report details additional soil removal and sampling activities at the site which were conducted in conjunction with ongoing construction activities.

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

Sincerely,

Theresa A. Geijer
Project Coordinator
Texaco Environment, Health & Safety

TAG:tag
p:\tag\greenw\excrpt.doc

Enclosures

cc: Mr. R. Isackson-Village Properties (w/enclosures)
Mr. M. Nesteroff-LPSL (w/enclosures)

RLLane-File (w/enclosures)

PR:

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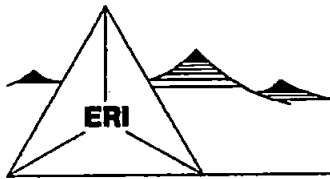
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ENVIRONMENTAL RESOLUTIONS, INC.

**EXCAVATION, SOIL SAMPLING, AND
CONSTRUCTION COORDINATION**

at

Former Texaco Facility 63-232-0037
8701 Greenwood Avenue North
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 soil excavation and sampling activities conducted between September and November 1996 at former Texaco Facility 63-232-0037, 8701 Greenwood Avenue North, Seattle, Washington (Plate P-1). ERI coordinated with Bayley Construction, Inc. (Bayley), the building contractor, to provide environmental monitoring and soil and groundwater assessment services, and to observe removal of hydrocarbon-impacted soil encountered during new construction.

2.0 BACKGROUND

Soil and groundwater assessment and remediation activities have been conducted at the site since 1991. Previous investigations have identified a silt and peat layer present between approximately 7 and 15 feet below ground surface (bgs) that appears to act as a confining layer separating lower saturated soils from the overlying vadose zone. Excavation activities were conducted in 1994 to remove hydrocarbon-impacted soil above the peat layer near the former fuel dispensing facilities and waste oil underground storage tank (UST) during station demolition activities. In addition, a combined air sparging/vapor extraction system operated between December 1994 and June 1995 to remove hydrocarbons from groundwater. The property was sold to Seattle/Village Partnership (Village) in June 1995.

Results of these and previous assessment and remediation activities were summarized in the *Independent Remedial Action Report* dated January 5, 1996 prepared by ERI and submitted to the Washington State Department of Ecology (Ecology) for review under the Independent Remedial Action Program (IRAP). The IRAP report presented results of historical groundwater monitoring, sampling, and remediation activities and identified areas of remaining hydrocarbon-impacted soil. Four soil samples collected at the limits of the former waste oil/sump excavation in 1994 contained hydrocarbon concentrations exceeding Model Toxics Control Act (MTCA) Method A Cleanup Levels. Soil in these areas was not removed to avoid disturbing the underlying silt and peat confining layer. The four areas of impacted soil remaining from previous investigations are shown on Plate P-2.

During February and March 1996, ERI visited the site to observe removal of groundwater treatment system piping from the area of the former gasoline and diesel UST basin at the southeastern portion of the site. During excavation activities a previously unknown area of impacted soil was encountered near the

former dispenser islands at the east-central portion of the site (Plate P-2). Impacted soil was removed and confirmation soil samples were collected and submitted for hydrocarbon analyses. Soil samples collected from the limits of excavation following removal of impacted soil did not contain analyte concentrations exceeding MTCA Method A Cleanup Levels. Results of the investigation were presented in the *Excavation and Soil Sampling Report* prepared by ERI dated March 15, 1996.

Following review of the IRAP and Excavation and Soil Sampling reports, on July 31, 1996 Ecology issued a no further action determination for the site notifying TRMI-EH&S and the new site owner that no further cleanup action would be required. The determination required that a restrictive covenant be placed on the property deed identifying areas of remaining impacted soil, and that potential new areas of impacted soil identified during construction be removed as practicable. The covenant also required that groundwater samples be collected from downgradient monitoring well AGW-6 and submitted for hydrocarbon analyses on a twice-yearly basis to monitor groundwater conditions.

In September 1996 Village and Bayley began construction of an approximately 12,000-square-foot retail building with adjacent paved parking.

3.0 PURPOSE AND SCOPE OF SERVICES

The purpose of this investigation was to provide environmental monitoring and assessment services to the building contractor on behalf of TRMI-EH&S and to assist in identifying and removing potential new areas of impacted soil that may be encountered.

To meet these objectives, ERI completed the following tasks:

- Discussed the site conditions and known environmental concerns at the site with the new owner and building contractor prior to initiation of construction to identify areas of known and potential impacted soil that may be encountered during construction;
- Performed environmental monitoring activities during construction in areas of known impacted soil and provided on-call services to the new owner and building contractor on behalf of TRMI-EH&S to respond to suspected problems encountered during construction;
- Observed site conditions, monitored vapor concentrations, and collected soil and water samples for laboratory analysis;
- Observed excavation and removal of hydrocarbon-impacted soil and collected confirmation soil samples;
- Measured the depth to water and collected a groundwater sample from monitoring well AGW-6;
- Submitted soil and water samples to be analyzed for petroleum hydrocarbon compounds and total lead;
- Coordinated waste profiling and transportation and disposal of hydrocarbon-impacted soil;

- Prepared this report summarizing our investigative methods, laboratory analytical results, and findings.

4.0 FIELD ACTIVITIES

On September 5, 1996, ERI met with representatives of TRMI-EH&S, Village, and Bayley to discuss possible environmental concerns as related to former service station operations, and the schedule for the planned new construction. Areas of known or potentially impacted soil were identified and discussed, particularly the former waste oil/sump area at the southwestern portion of the property excavated in 1994 (Plate P-2). Building plans provided by Bayley indicated no substantial excavation work to be performed in this area. However, as a precaution, ERI was asked to provide environmental services on behalf of TRMI-EH&S should the contractor encounter problems related to the former service station operations during construction.

Based on a request by the building contractor, ERI visited the site on September 10, 1996 to observe stockpiled soil near the northern property boundary (Excavation 1) that Bayley had excavated during the initial phase of construction. Soil samples SP1-1 and SP1-2 were collected from excavated stockpiled soil, placed into sealed glass jars, and submitted for 24-hour rush analyses. Soil sample locations, laboratory results, and the area of excavation are shown on Plate P-3. Laboratory results are also shown on Table T-1.

On September 11, 1996 ERI returned to the site to collect additional soil samples. Samples EX1-E-3 and EX1-W-3 were collected from the eastern and western sidewalls of the excavation, respectively, immediately above water present approximately 3 feet bgs. Based on a request by the building contractor, ERI collected additional soil samples from separate excavations and stockpiled soil near the western property boundary (Excavations 2 and 3). Excavation soil samples EX2-W-1.5 and EX3-E-2, and stockpile soil samples SP2-1 and SP3-1 were collected from the excavation sidewalls and soil stockpiles for laboratory analyses (Plate P-3). A photoionization detector (PID) was used to monitor volatile organic vapor concentrations. No hydrocarbon vapors or unusual odors were detected. Sample SP4-1 was also collected from stockpiled soil excavated near the former pump island area at the eastern portion of the site (Excavation 4). Soil in this area exhibited PID readings up to 1,560 parts per million (ppm). Excavated soil was segregated and covered with plastic pending laboratory results. All samples were collected in laboratory-supplied glass jars and submitted for 24-hour rush analyses.

Based on laboratory results of sample SP4-1, ERI returned to the site on September 12, 1996 to collect an additional soil sample in the area of the former pump islands and USTs. Sample EX4-B-1 was collected from soil remaining beneath the area where soil represented by SP4-1 had been excavated. The sample was collected in a laboratory-supplied glass container and submitted for 24-hour rush analyses. PID readings measured zero in the sample area.

On September 12, 1996, ERI personnel measured the water level in AGW-6 and collected a groundwater sample for laboratory analysis. Additional information concerning groundwater sampling procedures and results is presented in the groundwater sampling letter report prepared by ERI dated October 24, 1996.

On September 13, 1996, ERI returned to the site to observe loading and off-site transport of hydrocarbon-impacted soil stockpiles generated from the four excavations. Approximately 7 cubic yards (10 tons) of soil were transported to the TPS Technologies facility in Tacoma, Washington for treatment and recycling.

Based on the laboratory results ERI returned to the site on September 17, 1996 to observe removal of suspected impacted soil at the western portion of the property (Excavation 5) near sample EX3-E-2. The area of excavation is shown on Plate P-4. Soil excavation activities were performed by ESE Corporation (ESE) on behalf of TRMI-EH&S. Soil was excavated from the surface to depths ranging between approximately 4 and 7 feet bgs where water was encountered.

Soil at the southern portion of the excavation consisted of imported brown sand and rock fill with no apparent odor or measurable PID readings (newer fill). This material had been previously backfilled following excavation activities in 1994. Soil at the northern portion of the excavation consisted of greenish-gray silty sand with a hydrocarbon-like odor and PID readings exceeding 3,000 ppm (older fill). The excavation was then extended to the north to remove suspected impacted older fill in this area. Soil samples were then collected at the limits of the excavation immediately above the water, placed into laboratory-supplied glass containers and submitted for 24-hour rush analyses. Soil sample locations and laboratory results are shown on Plate P-5.

Based on laboratory results, ERI returned to the site on September 18, 1996 to observe removal of additional impacted soil in the area of Excavation 5. During excavation, an area of impacted soil identified in 1994 (Sample WOEW0-5) was encountered at the southeastern portion of the excavation and removed along with newly-discovered impacted soil. Seepages of water were observed entering through pea gravel encountered at the southeastern portion of the excavation. Excavation to the southeast was halted to avoid flooding the excavation with water from the backfilled former gasoline and diesel UST basin. Soil samples were then collected at the limits of the excavation following removal of impacted soil, and placed into laboratory-supplied glass containers.

A smaller test pit (Excavation 6) was subsequently excavated approximately 30 feet south of the larger excavation, and soil sample EX6-2-W collected at the bottom approximately 2 feet bgs. One soil sample (BACKFILL) was also collected from imported clean material provided as replacement backfill.

All samples were immediately submitted to an on-site mobile laboratory for rapid analyses. Based on the laboratory results, the excavation was backfilled and compacted with the clean material the following day. Approximately 150 cubic yards (231 tons) of excavated soil were subsequently transported to the TPS Technologies facility in Tacoma, Washington for treatment and recycling.

During September 1996 the building plans were changed. New plans called for installation of a 66-inch diameter detention pipe in the area of known impacted soil at the western portion of the property. The area of excavation required for pipe installation is shown on Plate P-6. Based on prior laboratory results, ERI and ESE returned to the site to remove impacted soil and overlying newer fill that might potentially be encountered during installation of the pipe. Prior to excavation, ERI visited the site on September 25, 1996, to collect surficial soil samples in the area of planned excavation. Soil samples S1-2, S2-2, and S3-1 were collected at 1 and 2 feet bgs, placed into laboratory-supplied glass containers, and submitted for 24-hour rush analyses. PID readings measured zero at all three sample locations.

On October 3, 4, and 7, 1996, ERI returned to the site to observe excavation activities and placement of clean imported fill. Soil within the excavated area was removed from the surface to approximately 8 feet bgs to remove overlying newer fill and the impacted upper portion of the underlying peat and silt confining layer (Plate P-6). An additional 1 to 3 feet of surficial soil immediately east of the planned detention pipe were also removed to accommodate utilities installation. Areas of impacted soil identified at Excavations 5 and 6 were removed (Samples EX5-W-3, EX5-S-3, EX5-E-3, and EX6-2-W). During excavation, two additional areas of impacted soil identified during the 1994 investigation (samples WOFM3-7 and WOWWH-3) were encountered and removed. Following removal of impacted soil, samples EXNE-4 and EXNW-4 were collected from the northern limit of the excavation, placed into laboratory-supplied glass containers, and submitted for 24-hour rush analyses. Based on the laboratory results, the excavation was subsequently backfilled with clean imported fill, and the area restored to original grade.

Approximately 275 cubic yards (420 tons) of soil were removed during excavation activities. Stockpile samples SP1-100396, SP-100396, and SP3-100396 were then collected from excavated soil and submitted for disposal profiling analyses. Excavated soil was transported to the TPS Technologies, Inc. facility in Tacoma, Washington for treatment and recycling.

Based on a request by the building contractor, ERI returned to the site on October 9, 1996 to observe the condition of soil and water encountered approximately 4 feet bgs during foundation excavation along the eastern perimeter of the building. Ambient air readings within the excavation measured zero at all locations measured. An organic-like film was noted on the surface of the water present approximately 4 feet bgs at the northern portion of the trench. Sample EXWATER was collected from water near the northeast corner of the foundation excavation and submitted for 24-hour rush analyses (Plate P-6).

Between October 29 and November 1, 1996, ERI visited the site to observe excavation and subsurface piping installation activities conducted by the building contractor at the western portion of the property. Although known impacted soil in the area had been recently removed and replaced with clean imported fill, ERI was present on site during excavation and pipe installation activities to monitor site conditions and collect ambient air measurements. No apparent areas of impacted soil were encountered. Ambient air readings remained below 25 ppm at all locations measured.

5.0 CHEMICAL ANALYSES

Soil samples collected on September 11, 12, 18, and 25, 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). The backfill sample collected from clean, imported fill was analyzed for hydrocarbon identification using Ecology Method WTPH-HCID.

Soil samples collected on October 17 and 18, 1996 were submitted to a mobile laboratory operated by Transglobal Environmental Geosciences Northwest, Inc. of Lacey, Washington, for analysis. The samples were analyzed for TPH-G and BTEX using Ecology Method WTPH-G/EPA Method 5030/8020, and for TPH-D and TPH-O using Ecology Method WTPH-D (extended).

Soil samples collected on October 3 and 4, 1996 and the water sample collected on October 9, 1996 were submitted to the Columbia Analytical Services, Inc. laboratory in Bothell, Washington for analysis. The soil samples were analyzed for TPH-G and BTEX using Ecology Method WTPH-G/EPA Method 5030/8020, and for TPH-D and TPH-O using Ecology Method WTPH-D (extended). Samples SP1-100396, SP2-100496, and SP3-100496 were additionally analyzed for total lead using EPA Method 7420. Water sample EXWATER was analyzed for TPH-G and BTEX using Ecology Method WTPH-G/EPA Method 5030/8020, and for TPH-D and TPH-O using Ecology Method WTPH-D (extended). Copies of laboratory reports are provided in Appendix A.

6.0 RESULTS

Laboratory results indicate that soil samples EX1-W-3 collected from the western sidewall of Excavation 1 and EX2-W-1.5 collected from the western sidewall of Excavation 2 contained TPH-O concentrations of 209 and 348 ppm, respectively, slightly exceeding the MTCA Method A Cleanup Level of 200 ppm (Plate P-3). Sample EX3-E-2 collected from the eastern sidewall of Excavation 3 contained 265 ppm TPH-D and 1,620 ppm TPH-O, exceeding the MTCA Method A Cleanup Level of 200 ppm. Sample SP4-1 collected in the area near the former pump islands contained 360 ppm TPH-G, exceeding the MTCA Method A Cleanup Level of 100 ppm. Sample EX4-B-1 collected from soil remaining beneath the location of SP4-1 did not contain analyte concentrations exceeding MTCA Method A Cleanup Levels. Laboratory results are shown on Plate P-3 and Table T-1.

Based on the laboratory results, remedial excavation activities were undertaken to remove impacted soil at the western portion of the site (Excavation 5; Plates P-4 and P-5). During excavation activities, an area of previously-known impacted material (WOEWO-5) was also removed. Following excavation, soil samples were collected at the limits of the excavation. Three soil samples (EX5-W-3, EX5-S-3, and EX5-E-3) collected from the southern portion of the excavation contained TPH-O concentrations exceeding MTCA Method A Cleanup Levels (Plate P-5). Sample EX6-2-W collected from Excavation 6 to the south also contained a TPH-O concentration exceeding the MTCA Method A Cleanup Level. Samples collected from remaining portions of Excavation 5 following removal of impacted soil did not contain analyte concentrations exceeding MTCA Method A Cleanup Levels.

Remedial excavation activities were subsequently undertaken to remove additional impacted soil and to accommodate installation of the 66-inch diameter detention pipe (Plate P-6). Soil within the excavated area was removed from the surface to approximately 8 feet bgs to remove overlying newer fill and the impacted upper portion of the underlying peat identified during previous investigations. During excavation, two additional areas of previously-known impacted soil (WOFM3-7 and WOWWH-3) were also removed. Soil samples EXNW-4 and EXNE-4 collected at the northern portion of excavation following removal of impacted soil did not contain analyte concentrations above the laboratory reporting limits.

Laboratory results indicate that sample EXWATER collected from water at the northeastern portion of the foundation excavation did not contain analyte concentrations exceeding MTCA Method A Cleanup Levels.

Laboratory results indicate that the groundwater sample collected from AGW-6 did not contain any concentrations of TPH-G, TPH-D, TPH-O, benzene, toluene, ethylbenzene, total xylenes, or total or dissolved lead exceeding the MTCA Method A Cleanup Level.

7.0 WASTE DISPOSAL

Between September 13 and October 4, 1996 approximately 432 cubic yards (661 tons) of soil were excavated and transported to the TPS Technologies, Inc. facility in Tacoma, Washington, for treatment and recycling. An equal quantity of clean fill was imported and backfilled to restore the site to original grade. Soil disposal manifests are provided in Appendix B.

Approximately 100 gallons of water removed from the excavation were discharged to the sanitary sewer under an authorization from Metro. A copy of the Metro authorization letter is provided in Appendix C.

Approximately 250 cubic yards of clean peat material excavated by the building contractor were reportedly transported off site for reuse.

8.0 CONCLUSIONS

During September and October 1996, ERI visited the site to monitor site conditions, collect soil and groundwater samples, and observe removal of hydrocarbon-impacted soil. During the investigation, new areas of impacted soil were discovered in addition to areas of previously known impacts. Both the new and previously known impacted areas were removed, as practicable, and replaced with clean imported fill. During excavation, three of the four areas of previously identified impacted soil (WOEWO-5, WOFM3-7, and WOWWH-3) were removed and transported off site for treatment and recycling. The remaining area was not removed to avoid flooding the excavation with water from the former gasoline and diesel UST area.

Soil samples were collected at the limits of excavation following removal of impacted soil and submitted for laboratory analysis. Only one soil sample (EX1-W-3) collected from the western sidewall of Excavation 1 near the northern property boundary during the recent investigation contained a TPH-O concentration of 209 ppm, slightly exceeding the MTCA Method A Cleanup Level of 200 ppm. All other analyte concentrations in remaining samples collected from the limits of excavation following removal of impacted soil were below MTCA Method A Cleanup Levels. The one remaining area of previously known impacted soil and the one new area discovered during recent activities are shown on Plate P-7.

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

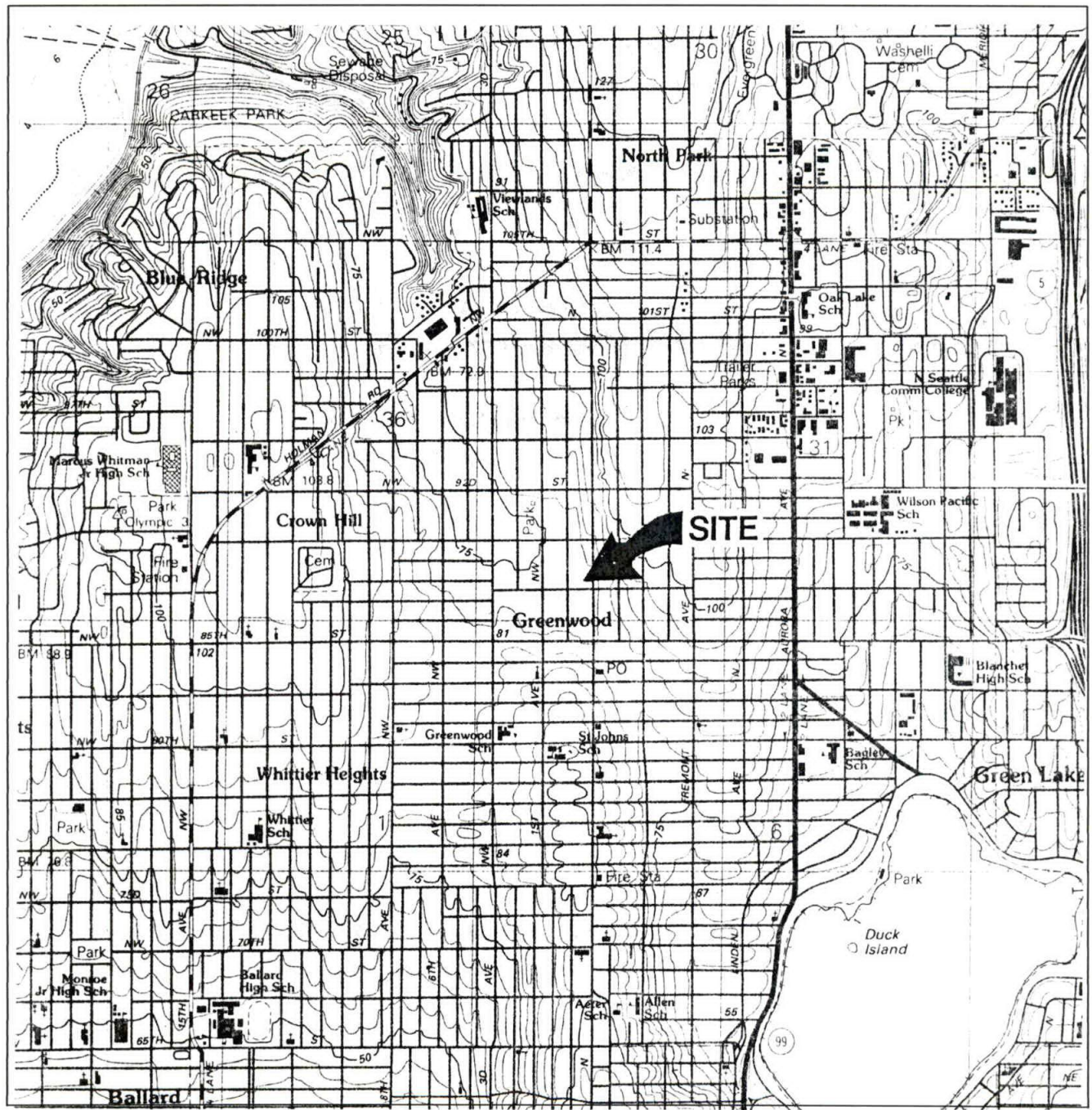
Environmental Resolutions, Inc., Independent Remedial Action Report dated January 5, 1996.

Environmental Resolutions, Inc., Excavation and Soil Sampling Report dated March 15, 1996.

Environmental Resolutions, Inc., Groundwater Monitoring and Sampling letter dated October 24, 1996.

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

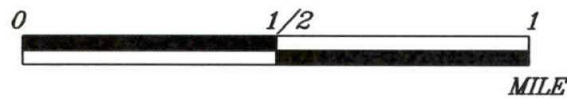
Sample Name	Date	Depth	TPH-G	TPH-D	TPH-O	B	T	E	X	Pb
<u>Excavation Soil Samples - Newer Fill</u>										
EX1-E-3 ^a	9/11/96	3	<5.0	<10.0	27.7	<0.05	<0.05	<0.05	<0.10	--
EX1-W-3 ^a	9/11/96	3	<5.0	43.7	209	<0.05	<0.05	<0.05	<0.10	--
EX2-W-1.5 ^a	9/11/96	1.5	18.2	53.6	348	<0.05	<0.05	<0.05	<0.10	--
EX3-E-2 ^a	9/11/96	2	6.93	265	1620	<0.05	0.106	<0.05	0.139	--
EX4-B-1 ^a	9/12/96	1	<5.0	27.5	183	<0.05	<0.05	<0.05	<0.10	--
EX5-S-3	9/17/96	3	12	24	1130	<0.05	<0.05	<0.05	<0.05	--
EX5-E-3	9/17/96	3	37	15	1610	<0.05	<0.05	<0.05	<0.05	--
EX5-N-3	9/17/96	3	16	25	<40	0.11	<0.05	0.36	1.42	--
EX5-W-3	9/17/96	3	35	18	1680	<0.05	<0.05	<0.05	<0.05	--
EX6-2-W	9/18/96	2	36	<20	1020	<0.05	<0.05	<0.05	<0.05	--
EX6-2-W ^a	9/18/96	2	--	<20	1240	--	--	--	--	--
S1-2 ^a	9/25/96	2	<5.0	293	1510	<0.05	<0.05	<0.05	<0.10	--
S2-2 ^a	9/25/96	2	<5.0	115	716	<0.05	<0.05	<0.05	<0.10	--
S3-1 ^a	9/25/96	1	<5.0	169	1040	<0.05	<0.05	<0.05	<0.10	--
<u>Excavation Soil Samples - Older Fill</u>										
EX5-NE-3	9/17/96	3	890	<20	<40	0.98	3.28	7.64	60	--
T1-1-3	9/17/96	3	<10	<20	<40	<0.05	<0.05	<0.05	<0.05	--
T2-1-3	9/17/96	3	<10	<20	<40	<0.05	<0.05	<0.05	<0.05	--
T3-1-3	9/17/96	3	3770	<20	<40	5.16	7.7	14.9	40	--
T3-2-2	9/17/96	2	2200	<20	<40	1.94	5.22	9.98	26.5	--
T3-3-3	9/18/96	3	<10	<20	<40	<0.05	<0.05	<0.05	<0.05	--
EX5-NW-3	9/18/96	3	<10	<20	<40	<0.05	<0.05	<0.05	<0.05	--
EX5-NW2-3	9/18/96	3	<10	<20	<40	<0.05	<0.05	<0.05	0.14	--
EX5-NE1-3	9/18/96	3	<10	<20	<40	<0.05	<0.05	<0.05	<0.05	--
EX5-NE2-3	9/18/96	3	<10	<20	<40	<0.05	<0.05	<0.05	<0.05	--
EX5-SE1-3	9/18/96	3	<10	<20	<40	<0.05	<0.05	<0.05	0.20	--
EX5-SE2-3	9/18/96	3	<10	<20	<40	<0.05	<0.05	<0.05	<0.05	--
EX5-E2-3	9/18/96	3	27	<20	<40	<0.05	<0.05	<0.05	0.07	--
EXNE-4	10/4/96	4	<5	<25	<100	<0.05	<0.1	<0.1	<0.1	--
EXNW-4	10/4/96	4	<5	<25	<100	<0.05	<0.1	<0.1	<0.1	--
<u>Stockpile Soil Samples</u>										
SP1-1	9/10/96	NA	<5.0	40.2	276	<0.05	<0.05	<0.05	<0.10	--
SP1-1 ^a	9/10/96	NA	--	35.7	159	--	--	--	--	--
SP1-2	9/10/96	NA	<5.0	35.8	145	<0.05	<0.05	<0.05	<0.10	--
SP1-2 ^a	9/10/96	NA	--	28.5	102	--	--	--	--	--
SP2-1 ^a	9/11/96	NA	37.4	606	1110	<0.05	<0.05	<0.05	<0.10	--
SP3-1 ^a	9/11/96	NA	5.76	34.1	58.1	<0.05	<0.05	<0.05	0.142	--
SP4-1 ^a	9/11/96	NA	360	83.4	56.3	<0.20	<0.20	1.35	5.15	--
SP1-917	9/17/96	NA	29	36	1600	<0.05	<0.05	<0.05	<0.05	--
SP2-917	9/17/96	NA	380	<20	<40	0.25	0.27	1.34	5.83	--
SP-1-100396	10/3/96	NA	<5	440	3800	<0.05	<0.1	<0.1	<0.1	32
SP-1-100396 ^a	10/3/96	NA	--	296	2030	--	--	--	--	--
SP-2-100496	10/4/96	NA	<5	48	116	<0.05	<0.1	<0.1	<0.1	89
SP-2-100496 ^a	10/4/96	NA	--	26	<100	--	--	--	--	--
SP-3-100496	10/4/96	NA	<5	110	490	<0.05	<0.1	<0.1	<0.1	26
SP-3-100496 ^a	10/4/96	NA	--	71	310	--	--	--	--	--
<u>Imported Backfill</u>										
Backfill ^b	9/18/96	NA	<20	<50	<100	--	--	--	--	--
<u>MTCA Method A Cleanup Level</u>			100	200	200	0.5	40	20	20	200
<u>EXPLANATION:</u>										
All concentrations in mg/kg (ppm).						BTEX = Aromatic compounds by EPA Method 8020.				
Depths are in feet below grade.						Pb = Total Lead by EPA Method 7420.				
^a Removed during excavation.						<= Less than the stated laboratory reporting limit.				
^b Sample analyzed using one or more silica gel cleanups.						NA = Not applicable.				
^c Sample analyzed using Ecology Method HCID.						-- = Not Analyzed.				
B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes.						Shaded values exceed MTCA Method A Cleanup Levels.				
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).										



31001SVM



APPROXIMATE SCALE



Source: U.S.G.S. 7.5 x 15 minute topographic quadrangle map Seattle, North 1983



SITE VICINITY MAP

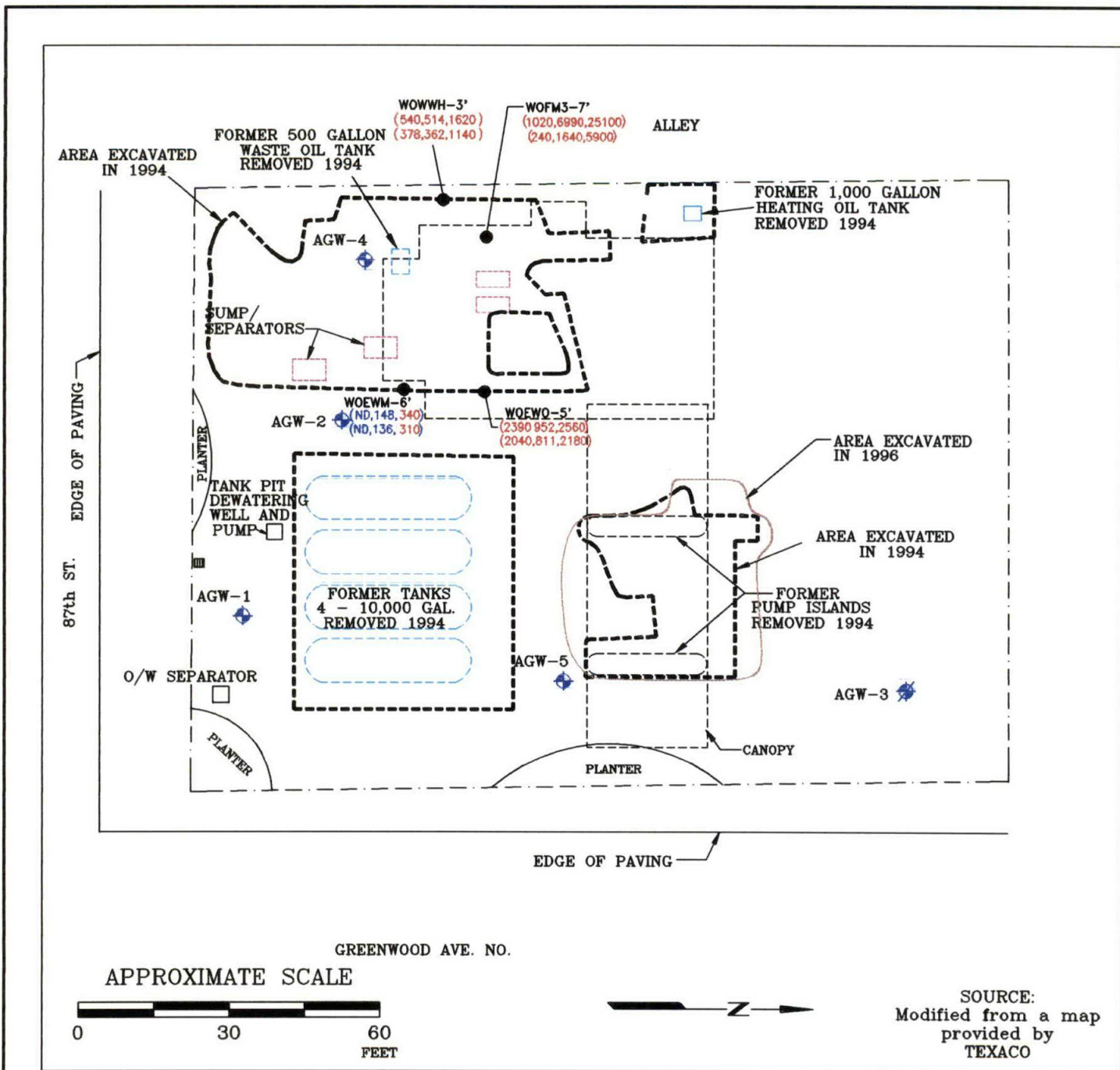
FORMER TEXACO FACILITY 63-232-0037
 8701 Greenwood Avenue North
 Seattle, Washington

PROJECT

31001

PLATE

P-1



FN 31001002

EXPLANATION

- ◆ AGW-5 Groundwater Monitoring Well
- ◆ AGW-3 Decommissioned Groundwater Monitoring Well
- Soil Sample Location - Remaining Following Excavation
- Soil Sample Names (Numbers Signify Depth Below Grade in Feet)
- Upper Limit of Excavation

Numbers in Red Exceed MTCA Method A Cleanup Levels

Dry Weight (ND,148,340)
As Received (ND,136,310)

TPH-O Concentration
TPH-D Concentration
TPH-G Concentration



AREAS OF PRIOR EXCAVATION

FORMER TEXACO FACILITY 63-232-0037
8701 Greenwood Avenue North
Seattle, Washington

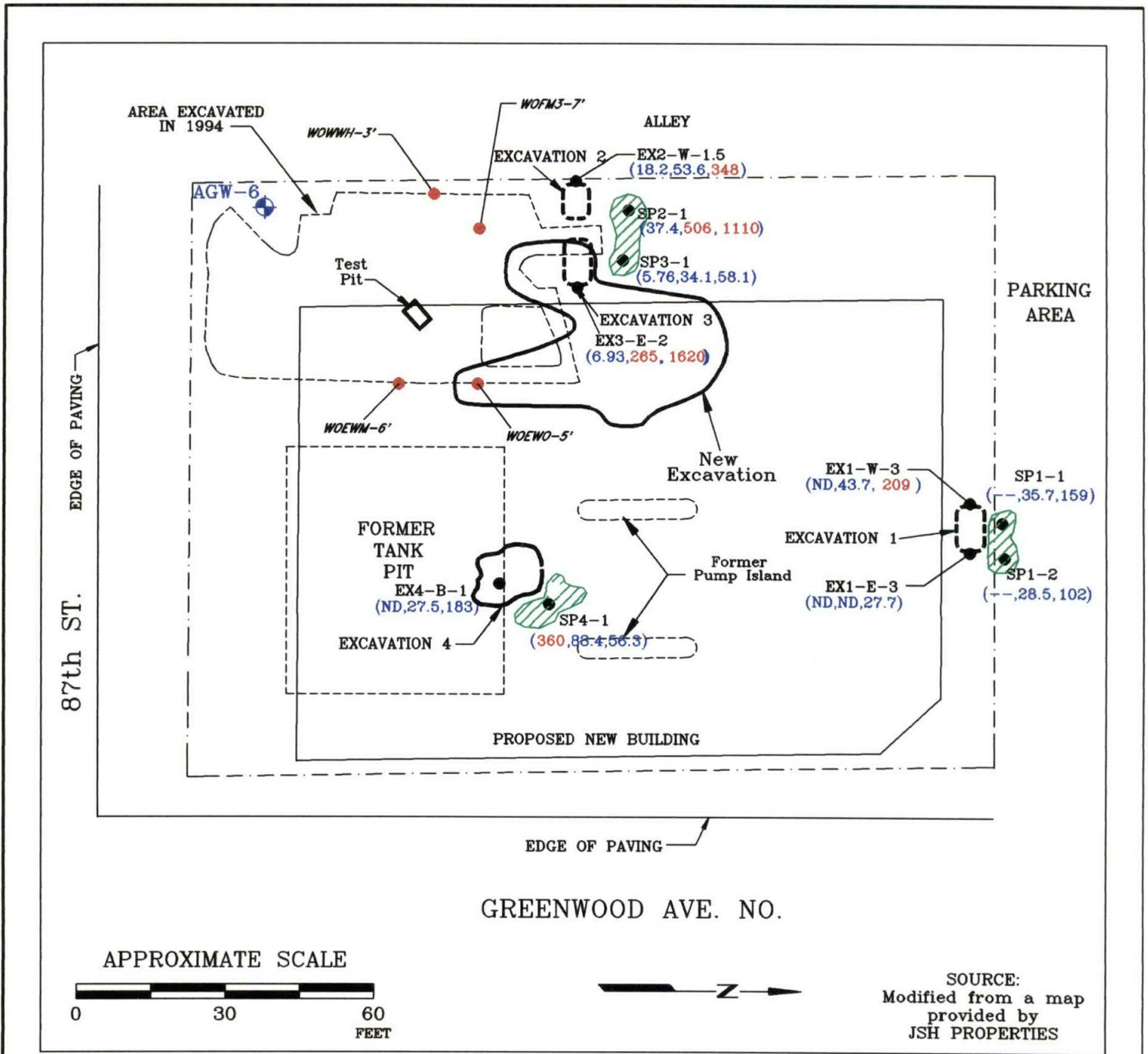
PROJECT NO.

31001

PLATE

P-2

DATE: 11/28/96



FN 31001003

EXPLANATION

- 1994 Soil Sample with Hydrocarbon Concentration Exceeding MTCA Method A Cleanup Level
- WOFM3-7' Soil Sample Names (Numbers Signify Depth Below Grade in Feet)
- 1996 Soil Sample Location
- AGW-6 Groundwater Monitoring Well
- Soil Stockpile

- Numbers in Red Exceed MTCA Method A Cleanup Levels
- Dry Weight (ppm) (ND,43.7,209)
- TPH-0 Concentration
- TPH-D Concentration
- TPH-G Concentration



AREAS OF NEW EXCAVATION

FORMER TEXACO FACILITY 63-232-0037
 8701 Greenwood Avenue North
 Seattle, Washington

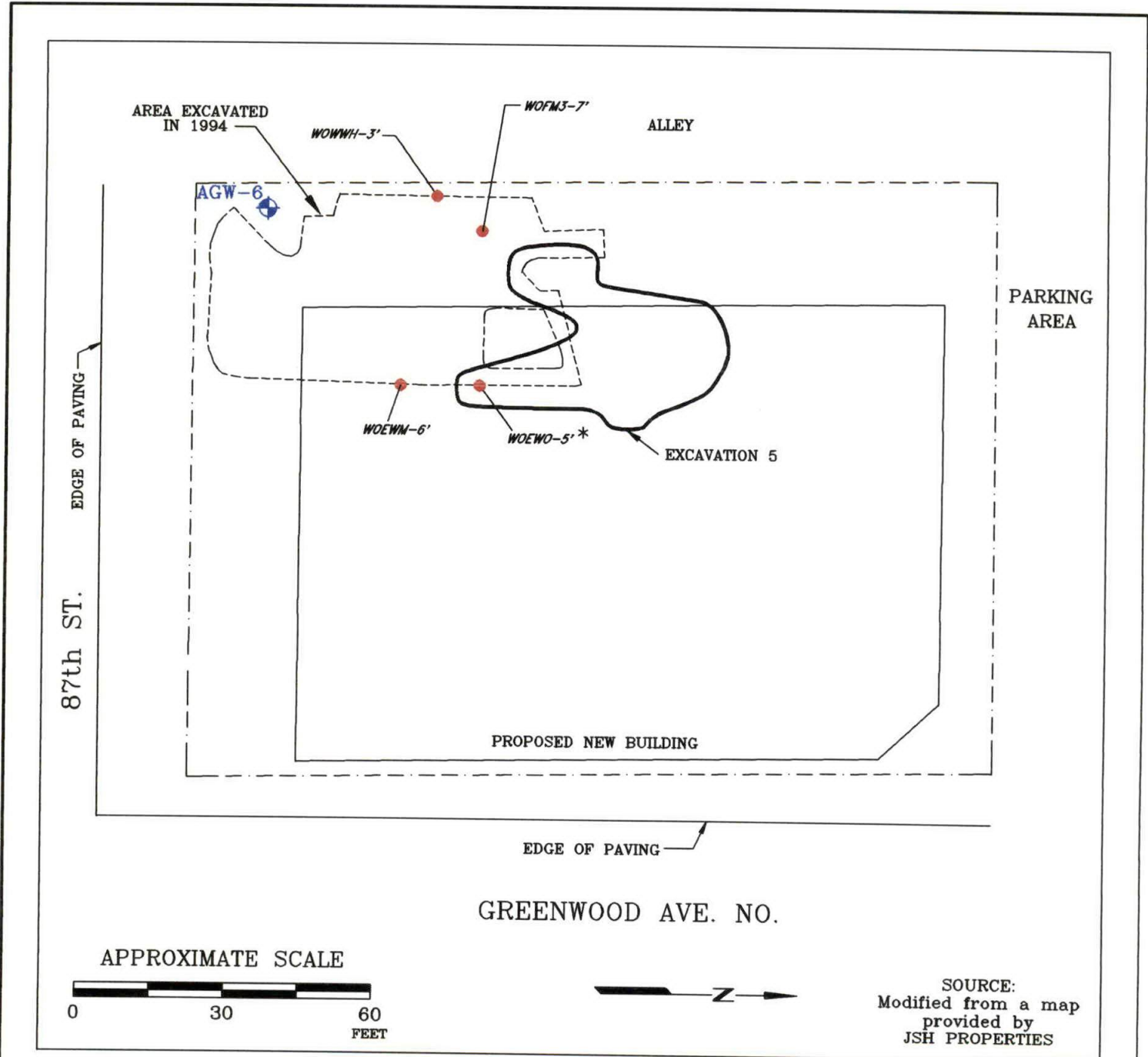
PROJECT NO.

31001

PLATE

P-3

DATE: 11/26/96



SOURCE:
Modified from a map
provided by
JSH PROPERTIES

FN 31001003

EXPLANATION

- 1994 Soil Sample with Hydrocarbon Concentration exceeding MTCA Method A Cleanup Level
- WOFM3-7' Soil Sample Names (Numbers Signify Depth Below Grade in Feet)
- ⊕ AGW-6 Groundwater Monitoring Well
- * Removed During Excavation



**AREA OF IMPACTED
SOIL REMOVAL**
FORMER TEXACO FACILITY 63-232-0037
8701 Greenwood Avenue North
Seattle, Washington

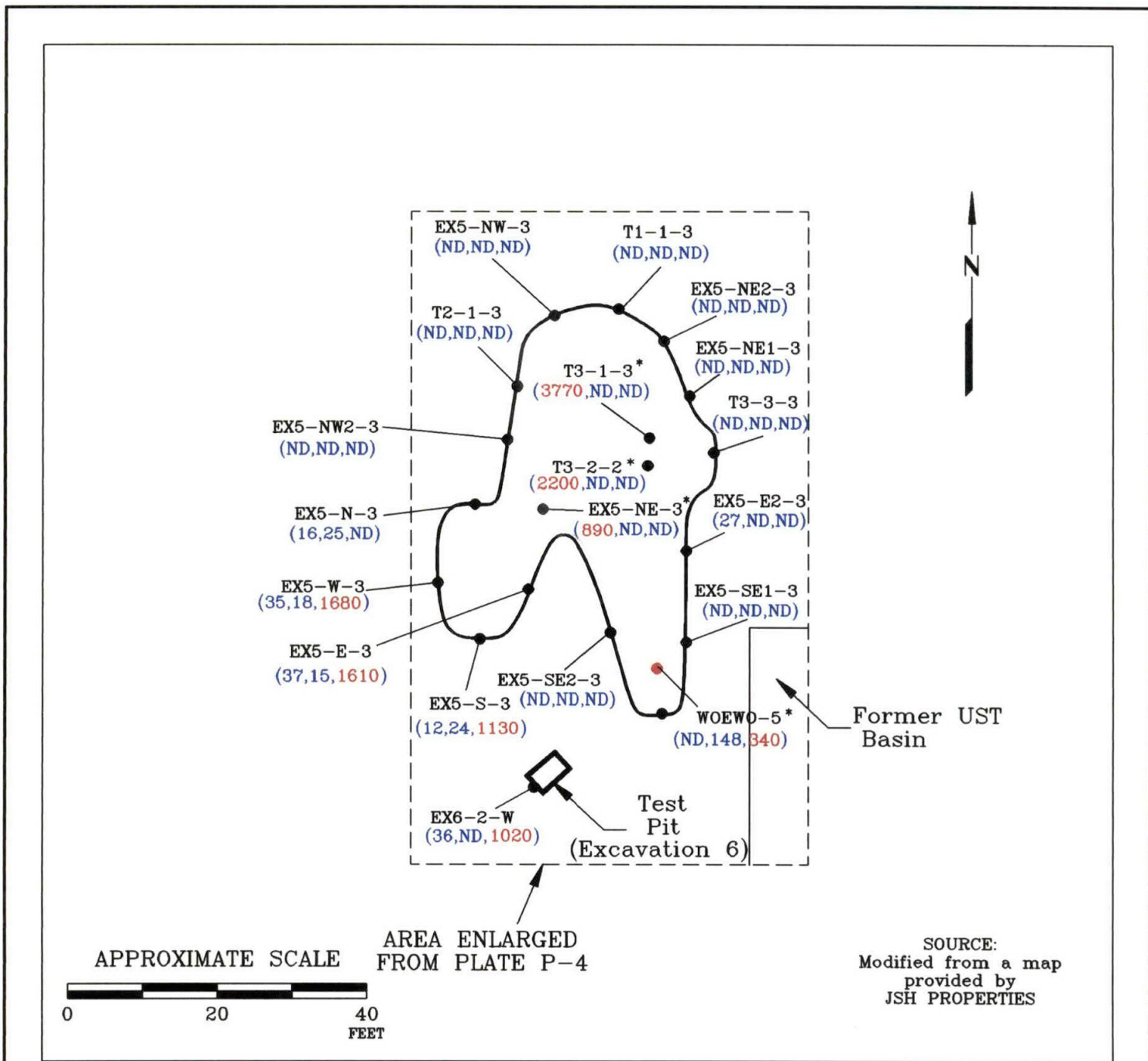
PROJECT NO.

31001

PLATE

P-4

DATE: 11/28/96



FN 31001001

EXPLANATION

- 1994 Soil Sample with Hydrocarbon Concentration Exceeding MTCA Method A Cleanup Level
- 1996 Soil Sample Location
- T1-1-3 Soil Sample Name
- * Removed During Excavation

Numbers in Red Exceed MTCA Method A Cleanup Levels

Dry Weight (ppm) (2200,ND,ND)

- TPH-O Concentration
- TPH-D Concentration
- TPH-G Concentration



SOIL SAMPLE ANALYSES MAP

FORMER TEXACO FACILITY 63-232-0037
 8701 Greenwood Avenue North
 Seattle, Washington

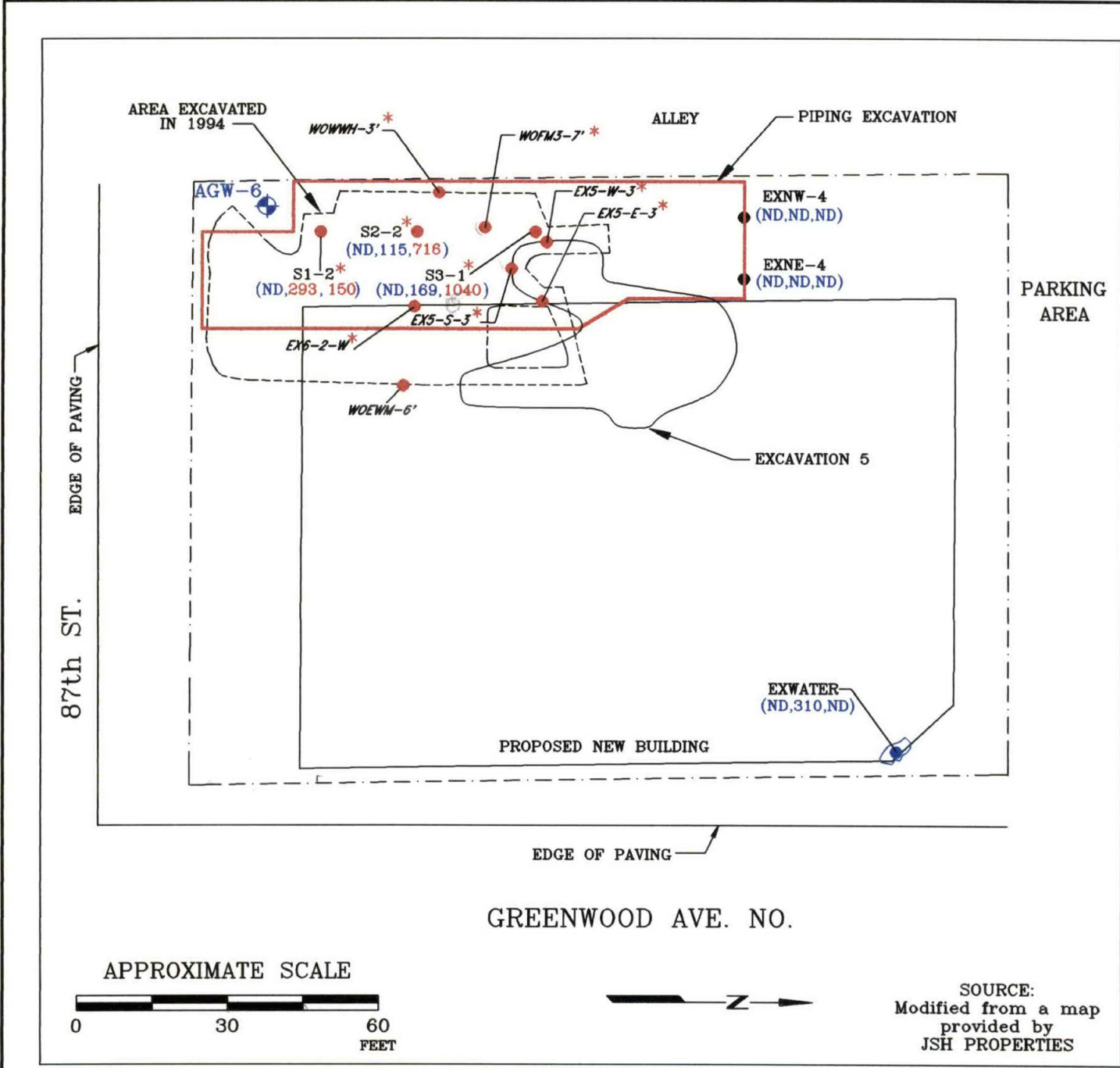
PROJECT NO.

31001

PLATE

P-5

DATE: 11/26/96



FN 31001003

EXPLANATION

- Soil Sample Location
- Soil Sample With Hydrocarbon Concentration Exceeding MTCA Method A Cleanup Level
- Water Sample Location
- WOFM3-7' Soil Sample Names (Numbers Signify Depth Below Grade in Feet)
- * Removed During Excavation
- AGW-6 Groundwater Monitoring Well

Hydrocarbon Concentration (ppm)

(ND,169,1040)

Numbers in Red Exceed MTCA Method A Cleanup Levels

- TPH-0 Concentration
- TPH-D Concentration
- TPH-G Concentration

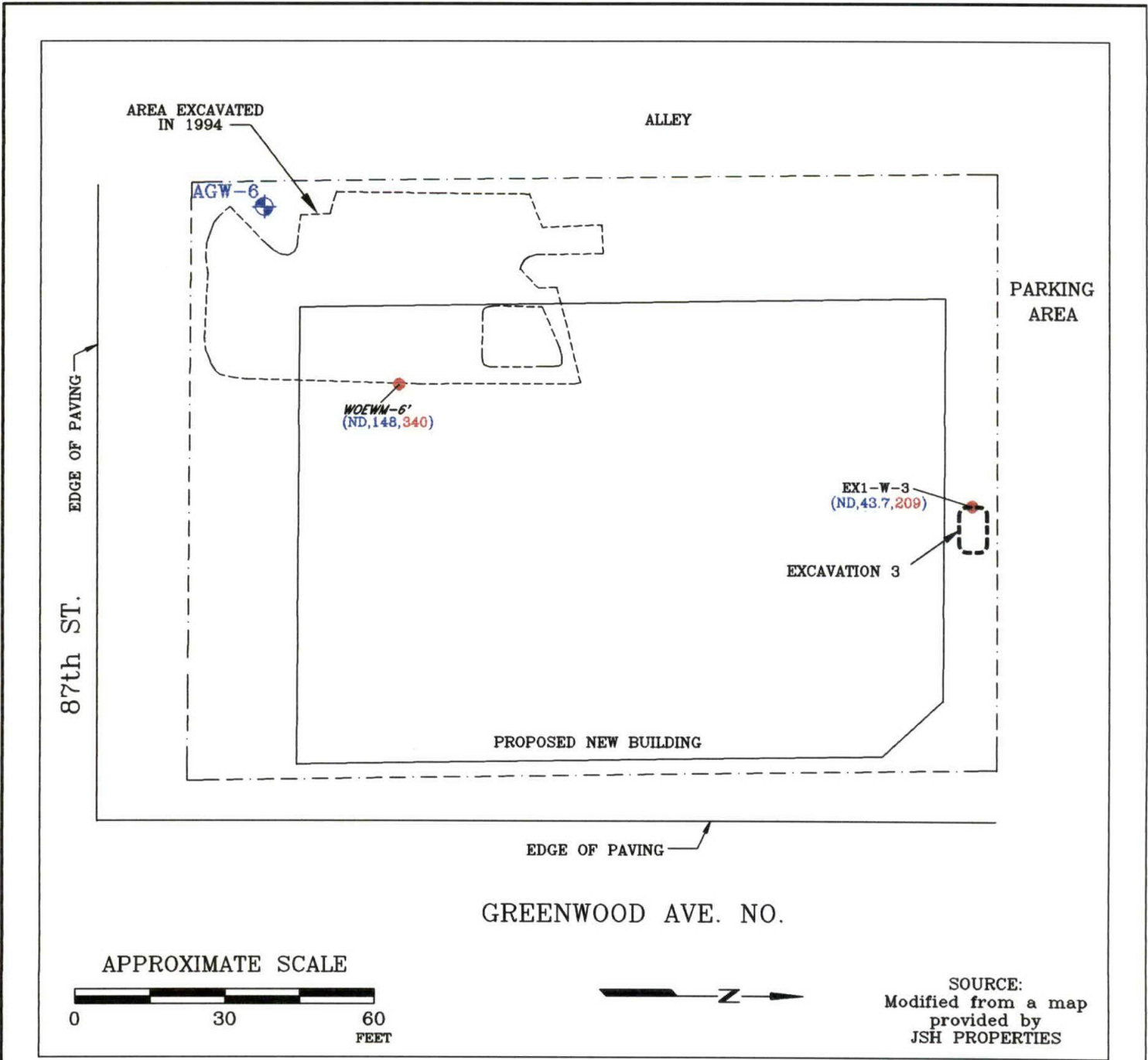


AREA OF PIPING EXCAVATION
 FORMER TEXACO FACILITY 63-232-0037
 8701 Greenwood Avenue North
 Seattle, Washington

PROJECT NO.
 31001

PLATE
 P-6

DATE: 11/26/96



FN 31001003

EXPLANATION

- Soil Sample
- WDFM3-7' Soil Sample Names (Numbers Signifies Depth Below Grade in Feet)
- AGW-6 Groundwater Monitoring Well

- Numbers in Red Exceed MTCA Method A Cleanup Levels
- Dry Weight (parts per million)
 - (ND,148,340)
 - TPH-O Concentration
 - TPH-D Concentration
 - TPH-G Concentration



AREAS OF REMAINING IMPACTED SOIL
 FORMER TEXACO FACILITY 63-232-0037
 8701 Greenwood Avenue North
 Seattle, Washington

PROJECT NO.
31001

PLATE
P-7

DATE: 11/28/96

APPENDIX A

LABORATORY REPORTS AND CHAIN OF CUSTODY



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

Offices:

BOTHELL ■ (206) 481-9200 ■ FAX 485-2992
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: Not Provided Project Manager: John Meyer	Sampled: 9/10/96 Received: 9/10/96 Reported: 9/12/96
--	---	--

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
SP1-1	B609137-01	Soil	9/10/96
SP1-2	B609137-02	Soil	9/10/96

North Creek Analytical, Inc.

*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.*


Matthew Essig, Project Manager



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--	---	--

Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8020A

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
				<u>B609137-01</u>				
<u>SP1-1</u>							<u>Soil, dry wt.</u>	
Gasoline Range Hydrocarbons	0960188	9/10/96	9/10/96		5.00	ND	mg/kg (ppm)	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		82.2	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		82.2	"	
				<u>B609137-02</u>				
<u>SP1-2</u>							<u>Soil, dry wt.</u>	
Gasoline Range Hydrocarbons	0960188	9/10/96	9/10/96		5.00	ND	mg/kg (ppm)	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		89.0	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		90.1	"	


 Matthew Essig, Project Manager



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ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: Not Provided Project Manager: John Meyer	Sampled: 9/10/96 Received: 9/10/96 Reported: 9/12/96
--	---	--

Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended)

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
				<u>B609137-01</u>			<u>Soil, dry wt.</u>	
Diesel Range Hydrocarbons	0960200	9/10/96	9/11/96		10.0	40.2	mg/kg (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		25.0	276	"	
Surrogate: 2-FBP	"	"	"	50.0-150		72.2	%	
				<u>B609137-02</u>			<u>Soil, dry wt.</u>	
Diesel Range Hydrocarbons	0960200	9/10/96	9/11/96		10.0	35.8	mg/kg (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		25.0	145	"	
Surrogate: 2-FBP	"	"	"	50.0-150		80.8	%	


 Matthew Essig, Project Manager



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Environmental Laboratory Services

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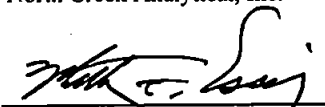
BOTHELL ■ (206) 481-9200 ■ FAX 485-2992
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 PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: Not Provided Project Manager: John Meyer	Sampled: 9/10/96 Received: 9/10/96 Reported: 9/12/96
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Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended) with Silica Gel Clean-up

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
				<u>B609137-01</u>		<u>Soil, dry wt.</u>		
Diesel Range Hydrocarbons	0960200	9/10/96	9/12/96		10.0	35.7	mg/kg (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		25.0	159	"	
Surrogate: 2-FBP	"	"	"	50.0-150		65.3	%	
				<u>B609137-02</u>		<u>Soil, dry wt.</u>		
Diesel Range Hydrocarbons	0960200	9/10/96	9/12/96		10.0	28.5	mg/kg (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		25.0	102	"	
Surrogate: 2-FBP	"	"	"	50.0-150		64.2	%	


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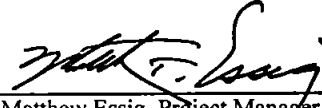
Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI	Project: Texaco #63-232-0037	Sampled: 9/10/96
1921 Edmonds Drive SE	Project Number: Not Provided	Received: 9/10/96
Renton, WA 98055	Project Manager: John Meyer	Reported: 9/12/96

Dry Weight Determination

Sample Name	Lab ID	Matrix	Result	Units
SP1-1	B609137-01	Soil	85.9	%
SP1-2	B609137-02	Soil	88.3	%

North Creek Analytical, Inc.



Matthew Essig, Project Manager



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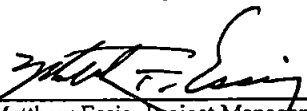
BOTHELL ■ (206) 481-9200 ■ FAX 485-2992
 SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
 PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: Not Provided Project Manager: John Meyer	Sampled: 9/10/96 Received: 9/10/96 Reported: 9/12/96
--	---	--

**Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8020A
Quality Control**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Recov. Limits	RPD %	RPD Limit	RPD %	Notes*
Batch: 0960188		Date Prepared: 9/10/96								
Blank		0960188-BLK1			Soil, dry wt.					
Gasoline Range Hydrocarbons	9/10/96			ND	mg/kg (ppm)	5.00				
Benzene	"			ND	"	0.0500				
Toluene	"			ND	"	0.0500				
Ethylbenzene	"			ND	"	0.0500				
Xylenes (total)	"			ND	"	0.100				
Surrogate: 4-BFB (FID)	"	4.00		3.88	"	50.0-150	97.0			
Surrogate: 4-BFB (PID)	"	4.00		4.04	"	49.0-142	101			
Blank Spike		0960188-BS1			Soil, dry wt.					
Gasoline Range Hydrocarbons	9/10/96	25.0		23.8	mg/kg (ppm)	37.0-119	95.2			
Surrogate: 4-BFB (FID)	"	4.00		4.12	"	50.0-150	103			
Duplicate		0960188-DUP1 B609116-04			Soil, dry wt.					
Gasoline Range Hydrocarbons	9/10/96		ND	ND	mg/kg (ppm)				53.0	
Surrogate: 4-BFB (FID)	"	4.29		3.86	"	50.0-150	90.0			
Matrix Spike		0960188-MS1 B609087-01			Soil, dry wt.					
Benzene	9/10/96	0.541	ND	0.468	mg/kg (ppm)	58.0-114	86.5			
Toluene	"	0.541	ND	0.467	"	59.0-113	86.3			
Ethylbenzene	"	0.541	ND	0.486	"	58.0-118	89.8			
Xylenes (total)	"	1.62	ND	1.44	"	61.0-119	88.9			
Surrogate: 4-BFB (PID)	"	4.33		4.11	"	49.0-142	94.9			
Matrix Spike Dup		0960188-MSD1 B609087-01			Soil, dry wt.					
Benzene	9/10/96	0.541	ND	0.462	mg/kg (ppm)	58.0-114	85.4	17.4	1.28	
Toluene	"	0.541	ND	0.460	"	59.0-113	85.0	16.5	1.52	
Ethylbenzene	"	0.541	ND	0.484	"	58.0-118	89.5	16.9	0.335	
Xylenes (total)	"	1.62	ND	1.43	"	61.0-119	88.3	18.3	0.677	
Surrogate: 4-BFB (PID)	"	4.33		4.20	"	49.0-142	97.0			


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Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: Not Provided Project Manager: John Meyer	Sampled: 9/10/96 Received: 9/10/96 Reported: 9/12/96
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**Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended)
Quality Control**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0960200		Date Prepared: 9/10/96							
Blank		0960200-BLK1			Soil, dry wt.				
Diesel Range Hydrocarbons	9/10/96			ND	mg/kg (ppm)	10.0			
Heavy Oil Range Hydrocarbons	"			ND	"	25.0			
Surrogate: 2-FBP	"	11.5		9.70	"	50.0-150	84.3		
Blank Spike		0960200-BS1			Soil, dry wt.				
Diesel Range Hydrocarbons	9/10/96	68.1		69.5	mg/kg (ppm)	66.0-131	102		
Surrogate: 2-FBP	"	11.5		9.59	"	50.0-150	83.4		
Duplicate		0960200-DUP1		B609055-08	Soil, dry wt.				1
Diesel Range Hydrocarbons	9/11/96		1640	3260	mg/kg (ppm)		48.0	66.1	
Surrogate: Octacosane	"	16.8		10.9	"	50.0-150	64.9		2


 Matthew Essig, Project Manager



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 PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: Not Provided Project Manager: John Meyer	Sampled: 9/10/96 Received: 9/10/96 Reported: 9/12/96
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Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended) with Silica Gel Clean-up Quality Control

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0960200		Date Prepared: 9/10/96								
Blank		0960200-BLK1			Soil, dry wt.					
Diesel Range Hydrocarbons	9/12/96			ND	mg/kg (ppm)	10.0				
Heavy Oil Range Hydrocarbons	"			ND	"	25.0				
Surrogate: 2-FBP	"	11.5		9.49	"	50.0-150	82.5			
Blank Spike		0960200-BS1			Soil, dry wt.					
Diesel Range Hydrocarbons	9/12/96	68.1		82.1	mg/kg (ppm)	66.0-131	121			
Surrogate: 2-FBP	"	11.5		10.5	"	50.0-150	91.3			


 Matthew Essig, Project Manager



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Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: Not Provided Project Manager: John Meyer	Sampled: 9/10/96 Received: 9/10/96 Reported: 9/12/96
--	---	--

Notes

#	Note
---	------

- 1 Please refer to NCR. 9/12/96 MMJ
- 2 Due to problems encountered with the use of the primary surrogate the results of the back-up surrogate have been used to control the analysis.

North Creek Analytical, Inc.


Matthew Essig, Project Manager

TEXACO CHAIN OF CUSTODY REPORT

Work Order #: **B609137**

CONSULTANT: ERI			TEXACO INFORMATION							TURNAROUND REQUEST in Business Days						
PROJECT MANAGER: John Meyer			TEXACO PROJECT MANAGER: T. Geijer							Organic & Inorganic Analyses *						
ADDRESS: 1921 Edman Dr SE Renton, WA 98055			TEXACO FACILITY NUMBER: 63-232-0037							<table border="1" style="margin: auto;"> <tr> <td style="width: 20px; text-align: center;">10</td> <td style="width: 20px; text-align: center;">5</td> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px; text-align: center; border: 2px solid black;">1</td> </tr> </table>			10	5	3	1
10	5	3	1													
PHONE: 227-0270 FAX: 227-0225			SITE ADDRESS: 8201 Greenwood Ave N Seattle, WA 0							Air Analyses *						
PROJECT NAME: Texaco Greenwood 1			State Hydrocarbon Methods (please circle): WA OR AK ID							<table border="1" style="margin: auto;"> <tr> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px; text-align: center;">1</td> </tr> </table>			3	1		
3	1															
PROJECT NUMBER: 63-232-0037			Analysis Request:							OTHER Specify:						
SAMPLED BY: John Meyer										* Standard Turnaround for Organic & Inorganic Analyses is 10 Days			* Standard Turnaround for Air Analyses is 3 Days			
NCA SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE / TIME	TPH-G/BTEX	TPH-D	TPH-D Extended	TPH-418.1	TPH-HCID	Tot/Diss Lead					MATRIX (W, S, O)	# OF CONTAINERS	COMMENTS & PRESERVATIVES USED	
B609137-01	1. SP1-1	9/10/92	X		X								S	1	ASAP	
SP1-1	2. SP1-2	↓	X		X								↓	1	ASAP	
	3.															
	4.															
	5.															
	6.															
	7.															
	8.															
	9.															
	10.															
RELINQUISHED BY: John Meyer			DATE: 9/10/92			RECEIVED BY: Matthew Essig			DATE: 9/10/92							
PRINT NAME: John Meyer FIRM: ERI			TIME: 3:05			PRINT NAME: MATTHEW ESSIG FIRM: NOA			TIME: 3:05 PM							
RELINQUISHED BY:			DATE:			RECEIVED BY:			DATE:							
PRINT NAME:			TIME:			PRINT NAME:			TIME:							
ADDITIONAL REMARKS: Results by phone/fax ASAP - (AM if possible)																



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Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001.14T3 Project Manager: John Meyer	Sampled: 9/11/96 Received: 9/11/96 Reported: 9/17/96
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ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
EX1-E-3	B609175-01	Soil	9/11/96
EX1-W-3	B609175-02	Soil	9/11/96
EX2-W-1.5	B609175-03	Soil	9/11/96
SP2-1	B609175-04	Soil	9/11/96
EX3-E-2	B609175-05	Soil	9/11/96
SP3-1	B609175-06	Soil	9/11/96
SP4-1	B609175-07	Soil	9/11/96

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*The results in this report apply to the samples analyzed in accordance with the chain of custody document.
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Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8020A

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX1-E-3				B609175-01		Soil, dry wt.		
Gasoline Range Hydrocarbons	0960235	9/12/96	9/12/96		5.00	ND	mg/kg (ppm)	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		84.0	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		85.0	"	
EX1-W-3				B609175-02		Soil, dry wt.		
Gasoline Range Hydrocarbons	0960235	9/12/96	9/12/96		5.00	ND	mg/kg (ppm)	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		85.9	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		85.0	"	
EX2-W-1.5				B609175-03		Soil, dry wt.		
Gasoline Range Hydrocarbons	0960329	9/16/96	9/16/96		5.00	18.2	mg/kg (ppm)	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		88.1	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		84.0	"	
SP2-1				B609175-04		Soil, dry wt.		
Gasoline Range Hydrocarbons	0960235	9/12/96	9/12/96		5.00	37.4	mg/kg (ppm)	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		85.1	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		82.9	"	
EX3-E-2				B609175-05		Soil, dry wt.		
Gasoline Range Hydrocarbons	0960329	9/16/96	9/16/96		5.00	6.93	mg/kg (ppm)	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	0.106	"	

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*Refer to end of report for text of notes.


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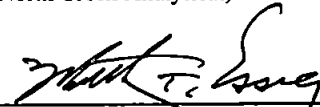
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ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001.14T3 Project Manager: John Meyer	Sampled: 9/11/96 Received: 9/11/96 Reported: 9/17/96
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Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8020A.

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX3-E-2 (continued)				B609175-05			Soil, dry wt.	
Ethylbenzene	0960329	9/16/96	9/16/96		0.0500	ND	mg/kg (ppm)	
Xylenes (total)	"	"	"		0.100	0.139	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		82.0	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		82.0	"	
SP3-1				B609175-06			Soil, dry wt.	
Gasoline Range Hydrocarbons	0960235	9/12/96	9/12/96		5.00	5.76	mg/kg (ppm)	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	0.142	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		91.9	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		91.9	"	
SP4-1				B609175-07			Soil, dry wt.	
Gasoline Range Hydrocarbons	0960235	9/12/96	9/12/96		20.0	360	mg/kg (ppm)	
Benzene	"	"	"		0.200	ND	"	
Toluene	"	"	"		0.200	ND	"	
Ethylbenzene	"	"	"		0.200	1.35	"	
Xylenes (total)	"	"	"		0.400	5.15	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		109	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		87.0	"	


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Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended) with Silica Gel Clean-up

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
				<u>B609175-01</u>				
<u>EX1-E-3</u> Diesel Range Hydrocarbons	0960229	9/11/96	9/12/96		10.0	ND	Soil, dry wt. mg/kg (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		25.0	27.7	"	
Surrogate: 2-FBP	"	"	"	50.0-150		63.3	%	
				<u>B609175-02</u>				
<u>EX1-W-3</u> Diesel Range Hydrocarbons	0960229	9/11/96	9/12/96		10.0	43.7	Soil, dry wt. mg/kg (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		25.0	209	"	
Surrogate: 2-FBP	"	"	"	50.0-150		65.1	%	
				<u>B609175-03</u>				
<u>EX2-W-1.5</u> Diesel Range Hydrocarbons	0960312	9/13/96	9/14/96		10.0	53.6	Soil, dry wt. mg/kg (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		25.0	348	"	
Surrogate: 2-FBP	"	"	"	50.0-150		83.0	%	
				<u>B609175-04</u>				
<u>SP2-1</u> Diesel Range Hydrocarbons	0960229	9/11/96	9/12/96		10.0	506	Soil, dry wt. mg/kg (ppm)	1
Heavy Oil Range Hydrocarbons	"	"	"		25.0	1110	"	
Surrogate: 2-FBP	"	"	"	50.0-150		69.8	%	
				<u>B609175-05</u>				
<u>EX3-E-2</u> Diesel Range Hydrocarbons	0960312	9/13/96	9/14/96		10.0	265	Soil, dry wt. mg/kg (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		25.0	1620	"	
Surrogate: 2-FBP	"	"	"	50.0-150		72.1	%	
				<u>B609175-06</u>				
<u>SP3-1</u> Diesel Range Hydrocarbons	0960229	9/11/96	9/12/96		10.0	34.1	Soil, dry wt. mg/kg (ppm)	2
Heavy Oil Range Hydrocarbons	"	"	"		25.0	58.1	"	
Surrogate: 2-FBP	"	"	"	50.0-150		71.8	%	
				<u>B609175-07</u>				
<u>SP4-1</u> Diesel Range Hydrocarbons	0960229	9/11/96	9/12/96		10.0	83.4	Soil, dry wt. mg/kg (ppm)	3
Heavy Oil Range Hydrocarbons	"	"	"		25.0	56.3	"	
Surrogate: 2-FBP	"	"	"	50.0-150		72.5	%	


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ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001.14T3 Project Manager: John Meyer	Sampled: 9/11/96 Received: 9/11/96 Reported: 9/17/96
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Dry Weight Determination

Sample Name	Lab ID	Matrix	Result	Units
EX1-E-3	B609175-01	Soil	83.1	%
EX1-W-3	B609175-02	Soil	89.7	%
EX1-W-1.5	B609175-03	Soil	85.0	%
SP2-1	B609175-04	Soil	87.5	%
EX3-E-2	B609175-05	Soil	81.9	%
SP3-1	B609175-06	Soil	92.7	%
SP4-1	B609175-07	Soil	88.2	%

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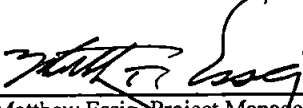
ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001.14T3 Project Manager: John Meyer	Sampled: 9/11/96 Received: 9/11/96 Reported: 9/17/96
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Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8020A Quality Control

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0960235		Date Prepared: 9/12/96								
Blank		0960235-BLK1			Soil, dry wt.					
Gasoline Range Hydrocarbons	9/12/96			ND	mg/kg (ppm)	5.00				
Benzene	"			ND	"	0.0500				
Toluene	"			ND	"	0.0500				
Ethylbenzene	"			ND	"	0.0500				
Xylenes (total)	"			ND	"	0.100				
Surrogate: 4-BFB (FID)	"	4.00		3.96	"	50.0-150	99.0			
Surrogate: 4-BFB (PID)	"	4.00		3.88	"	49.0-142	97.0			
Blank Spike		0960235-BS1			Soil, dry wt.					
Gasoline Range Hydrocarbons	9/12/96	25.0		22.7	mg/kg (ppm)	37.0-119	90.8			
Surrogate: 4-BFB (FID)	"	4.00		4.08	"	50.0-150	102			
Duplicate		0960235-DUP1 B609175-07			Soil, dry wt.					
Gasoline Range Hydrocarbons	9/12/96		360	434	mg/kg (ppm)			53.0	18.6	
Surrogate: 4-BFB (FID)	"	4.53		4.81	"	50.0-150	106			
Duplicate		0960235-DUP2 B609174-10			Soil, dry wt.					
Gasoline Range Hydrocarbons	9/12/96		ND	ND	mg/kg (ppm)			53.0		
Surrogate: 4-BFB (FID)	"	4.35		3.74	"	50.0-150	86.0			
Matrix Spike		0960235-MS1 B609175-06			Soil, dry wt.					
Benzene	9/12/96	0.540	ND	0.432	mg/kg (ppm)	58.0-114	80.0			
Toluene	"	0.540	ND	0.425	"	59.0-113	78.7			
Ethylbenzene	"	0.540	ND	0.455	"	58.0-118	84.3			
Xylenes (total)	"	1.62	0.142	1.44	"	61.0-119	80.1			
Surrogate: 4-BFB (PID)	"	4.32		4.71	"	49.0-142	109			
Matrix Spike Dup		0960235-MSD1 B609175-06			Soil, dry wt.					
Benzene	9/12/96	0.540	ND	0.443	mg/kg (ppm)	58.0-114	82.0	17.4	2.47	
Toluene	"	0.540	ND	0.432	"	59.0-113	80.0	16.5	1.64	
Ethylbenzene	"	0.540	ND	0.467	"	58.0-118	86.5	16.9	2.58	
Xylenes (total)	"	1.62	0.142	1.48	"	61.0-119	82.6	18.3	3.07	
Surrogate: 4-BFB (PID)	"	4.32		4.01	"	49.0-142	92.8			
Batch: 0960329		Date Prepared: 9/16/96								
Blank		0960329-BLK1			Soil, dry wt.					
Gasoline Range Hydrocarbons	9/16/96			ND	mg/kg (ppm)	5.00				

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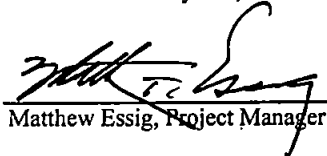
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**Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8020A
Quality Control**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Recov. Limits %	RPD Limit %	RPD %	Notes*
Blank (continued)									
0960329-BLK1									
Soil, dry wt.									
Benzene	9/16/96			ND	mg/kg (ppm)	0.0500			
Toluene	"			ND	"	0.0500			
Ethylbenzene	"			ND	"	0.0500			
Xylenes (total)	"			ND	"	0.100			
Surrogate: 4-BFB (FID)	"	4.00		3.96	"	50.0-150	99.0		
Surrogate: 4-BFB (PID)	"	4.00		3.88	"	49.0-142	97.0		
Blank Spike									
0960329-BS1									
Soil, dry wt.									
Gasoline Range Hydrocarbons	9/16/96	25.0		23.5	mg/kg (ppm)	37.0-119	94.0		
Surrogate: 4-BFB (FID)	"	4.00		4.28	"	50.0-150	107		
Duplicate									
0960329-DUP1 B609175-03									
Soil, dry wt.									
Gasoline Range Hydrocarbons	9/16/96		18.2	21.5	mg/kg (ppm)			53.0	16.6
Surrogate: 4-BFB (FID)	"	4.70		4.05	"	50.0-150	86.2		
Matrix Spike									
0960329-MS1 B609175-05									
Soil, dry wt.									
Benzene	9/16/96	0.611	ND	0.470	mg/kg (ppm)	58.0-114	76.9		
Toluene	"	0.611	0.106	0.544	"	59.0-113	71.7		
Ethylbenzene	"	0.611	ND	0.494	"	58.0-118	80.9		
Xylenes (total)	"	1.83	0.139	1.54	"	61.0-119	76.6		
Surrogate: 4-BFB (PID)	"	4.89		4.25	"	49.0-142	86.9		
Matrix Spike Dup									
0960329-MSD1 B609175-05									
Soil, dry wt.									
Benzene	9/16/96	0.611	ND	0.494	mg/kg (ppm)	58.0-114	80.9	17.4	5.07
Toluene	"	0.611	0.106	0.496	"	59.0-113	63.8	16.5	11.7
Ethylbenzene	"	0.611	ND	0.509	"	58.0-118	83.3	16.9	2.92
Xylenes (total)	"	1.83	0.139	1.60	"	61.0-119	79.8	18.3	4.09
Surrogate: 4-BFB (PID)	"	4.89		4.11	"	49.0-142	84.0		


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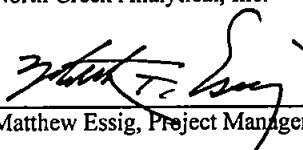
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**Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended) with Silica Gel Clean-up
Quality Control**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0960229		Date Prepared: 9/11/96								
Blank		0960229-BLK1			Soil, dry wt.					
Diesel Range Hydrocarbons	9/12/96			ND	mg/kg (ppm)	10.0				
Heavy Oil Range Hydrocarbons	"			ND	"	25.0				
Surrogate: 2-FBP	"	11.5		7.13	"	50.0-150	62.0			
Blank Spike		0960229-BS1			Soil, dry wt.					
Diesel Range Hydrocarbons	9/12/96	68.1		47.6	mg/kg (ppm)	66.0-131	69.9			
Surrogate: 2-FBP	"	11.5		6.65	"	50.0-150	57.8			
Duplicate		0960229-DUP1 B609163-01			Soil, dry wt.					
Diesel Range Hydrocarbons	9/12/96		74.7	50.3	mg/kg (ppm)			48.0	39.0	4
Surrogate: 2-FBP	"	15.6		8.91	"	50.0-150	57.1			
Batch: 0960312		Date Prepared: 9/13/96								
Blank		0960312-BLK1			Soil, dry wt.					
Diesel Range Hydrocarbons	9/14/96			ND	mg/kg (ppm)	10.0				
Heavy Oil Range Hydrocarbons	"			ND	"	25.0				
Surrogate: 2-FBP	"	11.5		9.02	"	50.0-150	78.4			
Blank Spike		0960312-BS1			Soil, dry wt.					
Diesel Range Hydrocarbons	9/14/96	68.1		66.0	mg/kg (ppm)	66.0-131	96.9			
Surrogate: 2-FBP	"	11.5		8.77	"	50.0-150	76.3			
Duplicate		0960312-DUP1 B609175-05			Soil, dry wt.					
Diesel Range Hydrocarbons	9/14/96		265	248	mg/kg (ppm)			48.0	6.63	
Surrogate: 2-FBP	"	14.0		10.2	"	50.0-150	72.9			


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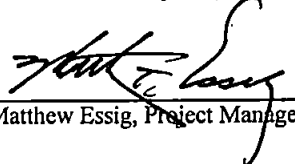
ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001.14T3 Project Manager: John Meyer	Sampled: 9/11/96 Received: 9/11/96 Reported: 9/17/96
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Notes

#	Note
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- 1 The sample chromatographic pattern does not resemble the fuel standard used for quantitation. A fuel fingerprint is advised.
- 2 The hydrocarbon concentration result in this sample is partially due to an individual peak(s) eluting in the diesel/motor oil carbon range.
- 3 This sample appears to contain volatile gasoline range organics.
- 4 RPD values are not reported at sample concentrations less than 10 times the reporting limit.

North Creek Analytical, Inc.


 Matthew Essig, Project Manager

TEXACO CHAIN OF CUSTODY REPORT

Work Order #: **B609175**

CONSULTANT: **ERI**
 PROJECT MANAGER: **John Mejer**
 ADDRESS: **1921 Edmonds Dr SE
 Renton, WA 98055**
 PHONE: **227-0280** FAX: **227-0225**

TEXACO INFORMATION
 TEXACO PROJECT MANAGER: **T. Gajen**
 TEXACO FACILITY NUMBER: **63-232-0037**
 SITE ADDRESS: **4701 Greenwood Ave N
 Seattle, WA**

TURNAROUND REQUEST in Business Days

Organic & Inorganic Analyses *

10 5 3 **1**

Air Analyses *

3 1

OTHER Specify:

* Standard Turnaround for Organic & Inorganic Analyses is 10 Day.

* Standard Turnaround for Air Analyses is 3 Days

PROJECT NAME:
 PROJECT NUMBER:
 SAMPLED BY:

State Hydrocarbon Methods (please circle): **WA** OR AK ID

Analysis Request:
 TPH-GBTEX
 TPH-D
TPH-D Extended
 TPH-418.1
 TPH-HCID
 Tot/Diss Lead

NCA SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE / TIME	TPH-GBTEX	TPH-D	TPH-D Extended	TPH-418.1	TPH-HCID	Tot/Diss Lead	MATRIX (W, S, O)	# OF CONTAINERS	COMMENTS & PRESERVATIVES USE
B609175-01	1. EX1-E-3	9/11/96	X	X	X				5	1	24 HR
02	2. EX2-W-3	}	X	X	X						24 HR
03	3. EX2-W-1.5		X	X	X						HOLD
04	4. SP2-1		X	X	X						24 HR
05	5. EX3-E-2		X	X	X						HOLD
06	6. SP3-1		X	X	X						24 HR
07	7. SP4-1		X	X	X						24 HR
08											
09											
10											

RELINQUISHED BY: **[Signature]** DATE: **9/11/96**
 PRINT NAME: **John Mejer** FIRM: **ERI** TIME: **4:50**

RECEIVED BY: **Lisa Hanley** DATE: **9-11-96**
 PRINT NAME: **Lisa Hanley** FIRM: **NCA** TIME: **16:52**

RELINQUISHED BY:
 PRINT NAME: FIRM: TIME:

RECEIVED BY:
 PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS: **Results by phone/fax ASAP - use silica cleanup**



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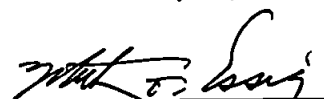
ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001 Project Manager: John Meyer	Sampled: 9/12/96 Received: 9/12/96 Reported: 9/23/96
--	--	--

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
EX4-B-1	B609196-01	Soil	9/12/96
AGW6-091296	B609196-02	Water	9/12/96

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*The results in this report apply to the samples analyzed in accordance with the chain of custody document.
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ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001 Project Manager: John Meyer	Sampled: 9/12/96 Received: 9/12/96 Reported: 9/23/96
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Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8020A

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
				<u>B609196-01</u>				
<u>EX4-B-1</u>							<u>Soil, dry wt.</u>	
Gasoline Range Hydrocarbons	0960235	9/12/96	9/12/96		5.00	ND	mg/kg (ppm)	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		94.1	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		90.1	"	
				<u>B609196-02</u>				
<u>AGW6-091296</u>							<u>Water</u>	
Gasoline Range Hydrocarbons	0960477	9/20/96	9/20/96		50.0	ND	ug/l (ppb)	
Benzene	"	"	"		0.500	1.64	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		102	%	
Surrogate: 4-BFB (PID)	"	"	"	53.0-136		95.0	"	


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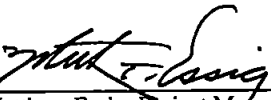
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ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001 Project Manager: John Meyer	Sampled: 9/12/96 Received: 9/12/96 Reported: 9/23/96
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Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended) with Silica Gel Clean-up

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
				<u>B609196-01</u>				
EX4-B-1							<u>Soil, dry wt.</u>	
Diesel Range Hydrocarbons	0960284	9/12/96	9/13/96		10.0	27.5	mg/kg (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		25.0	183	"	
Surrogate: 2-FBP	"	"	"	50.0-150		78.7	%	
				<u>B609196-02</u>				
AGW6-091296							<u>Water</u>	
Diesel Range Hydrocarbons	0960345	9/16/96	9/20/96		0.250	ND	mg/l (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		0.750	ND	"	
Surrogate: 2-FBP	"	"	"	50.0-150		70.4	%	


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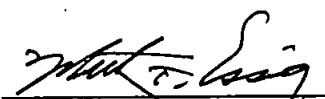
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ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001 Project Manager: John Meyer	Sampled: 9/12/96 Received: 9/12/96 Reported: 9/23/96
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Metals by EPA 6010/7000 Series Methods

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<u>AGW6-091296</u> Lead	0960353	9/16/96	9/16/96	<u>B609196-02</u> EPA 7421	0.00200	0.00239	<u>Water</u> mg/l (ppm)	


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ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001 Project Manager: John Meyer	Sampled: 9/12/96 Received: 9/12/96 Reported: 9/23/96
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Dissolved Metals by EPA 6010/7000 Series Methods

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<u>AGW6-091296</u> Lead	0960481	9/19/96	9/19/96	<u>B609196-02</u> EPA 7421	0.00200	ND	<u>Water</u> mg/l (ppm)	


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ERI	Project: Texaco #63-232-0037	Sampled: 9/12/96
1921 Edmonds Drive SE	Project Number: 31001	Received: 9/12/96
Renton, WA 98055	Project Manager: John Meyer	Reported: 9/23/96

Dry Weight Determination

Sample Name	Lab ID	Matrix	Result	Units
EX4-B-1	B609196-01	Soil	90.0	%

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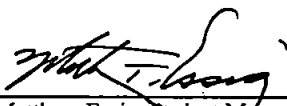
ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001 Project Manager: John Meyer	Sampled: 9/12/96 Received: 9/12/96 Reported: 9/23/96
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**Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8020A
Quality Control**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0960235		Date Prepared: 9/12/96								
Blank		0960235-BLK1		Soil, dry wt.						
Gasoline Range Hydrocarbons	9/12/96			ND	mg/kg (ppm)	5.00				
Benzene	"			ND	"	0.0500				
Toluene	"			ND	"	0.0500				
Ethylbenzene	"			ND	"	0.0500				
Xylenes (total)	"			ND	"	0.100				
Surrogate: 4-BFB (FID)	"	4.00		3.96	"	50.0-150	99.0			
Surrogate: 4-BFB (PID)	"	4.00		3.88	"	49.0-142	97.0			
Blank Spike		0960235-BS1		Soil, dry wt.						
Gasoline Range Hydrocarbons	9/12/96	25.0		22.7	mg/kg (ppm)	37.0-119	90.8			
Surrogate: 4-BFB (FID)	"	4.00		4.08	"	50.0-150	102			
Duplicate		0960235-DUP1 B609175-07		Soil, dry wt.						
Gasoline Range Hydrocarbons	9/12/96		360	434	mg/kg (ppm)			53.0	18.6	
Surrogate: 4-BFB (FID)	"	4.53		4.81	"	50.0-150	106			
Duplicate		0960235-DUP2 B609174-10		Soil, dry wt.						
Gasoline Range Hydrocarbons	9/12/96		ND	ND	mg/kg (ppm)			53.0		
Surrogate: 4-BFB (FID)	"	4.35		3.74	"	50.0-150	86.0			
Matrix Spike		0960235-MS1 B609175-06		Soil, dry wt.						
Benzene	9/12/96	0.540	ND	0.432	mg/kg (ppm)	58.0-114	80.0			
Toluene	"	0.540	ND	0.425	"	59.0-113	78.7			
Ethylbenzene	"	0.540	ND	0.455	"	58.0-118	84.3			
Xylenes (total)	"	1.62	0.142	1.44	"	61.0-119	80.1			
Surrogate: 4-BFB (PID)	"	4.32		4.71	"	49.0-142	109			
Matrix Spike Dup		0960235-MSD1 B609175-06		Soil, dry wt.						
Benzene	9/12/96	0.540	ND	0.443	mg/kg (ppm)	58.0-114	82.0	17.4	2.47	
Toluene	"	0.540	ND	0.432	"	59.0-113	80.0	16.5	1.64	
Ethylbenzene	"	0.540	ND	0.467	"	58.0-118	86.5	16.9	2.58	
Xylenes (total)	"	1.62	0.142	1.48	"	61.0-119	82.6	18.3	3.07	
Surrogate: 4-BFB (PID)	"	4.32		4.01	"	49.0-142	92.8			
Batch: 0960477		Date Prepared: 9/20/96								
Blank		0960477-BLK1		Water						
Gasoline Range Hydrocarbons	9/20/96			ND	ug/l (ppb)	50.0				

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*Refer to end of report for text of notes.


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Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8020A Quality Control

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)		0960477-BLK1			Water					
Benzene	9/20/96			ND	ug/l (ppb)	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	1.00				
Surrogate: 4-BFB (FID)	"	16.0		15.7	"	50.0-150	98.1			
Surrogate: 4-BFB (PID)	"	16.0		14.4	"	53.0-136	90.0			
Blank Spike		0960477-BS1			Water					
Gasoline Range Hydrocarbons	9/20/96	500		502	ug/l (ppb)	63.0-127	100			
Surrogate: 4-BFB (FID)	"	16.0		20.8	"	50.0-150	130			
Duplicate		0960477-DUP1	B609196-02	Water						
Gasoline Range Hydrocarbons	9/20/96		ND	ND	ug/l (ppb)				45.0	
Surrogate: 4-BFB (FID)	"	16.0		10.9	"	50.0-150	68.1			
Matrix Spike		0960477-MS1	B609196-02	Water						
Benzene	9/20/96	10.0	1.64	9.80	ug/l (ppb)	62.0-126	81.6			
Toluene	"	10.0	ND	8.86	"	72.0-120	88.6			
Ethylbenzene	"	10.0	ND	9.01	"	69.0-129	90.1			
Xylenes (total)	"	30.0	ND	29.1	"	73.0-126	97.0			
Surrogate: 4-BFB (PID)	"	16.0		16.5	"	53.0-136	103			
Matrix Spike Dup		0960477-MSD1	B609196-02	Water						
Benzene	9/20/96	10.0	1.64	10.2	ug/l (ppb)	62.0-126	85.6	13.5	4.78	
Toluene	"	10.0	ND	9.91	"	72.0-120	99.1	8.70	11.2	
Ethylbenzene	"	10.0	ND	9.68	"	69.0-129	96.8	13.6	7.17	
Xylenes (total)	"	30.0	ND	32.1	"	73.0-126	107	16.3	9.80	
Surrogate: 4-BFB (PID)	"	16.0		16.6	"	53.0-136	104			


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ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001 Project Manager: John Meyer	Sampled: 9/12/96 Received: 9/12/96 Reported: 9/23/96
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Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended) with Silica Gel Clean-up Quality Control

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0960284		Date Prepared: 9/12/96								
Blank		0960284-BLK1			Soil, dry wt.					
Diesel Range Hydrocarbons	9/13/96			ND	mg/kg (ppm)	10.0				
Heavy Oil Range Hydrocarbons	"			ND	"	25.0				
Surrogate: 2-FBP	"	11.5		8.59	"	50.0-150	74.7			
Blank Spike		0960284-BS1			Soil, dry wt.					
Diesel Range Hydrocarbons	9/13/96	68.1		63.3	mg/kg (ppm)	66.0-131	93.0			
Surrogate: 2-FBP	"	11.5		8.38	"	50.0-150	72.9			
Duplicate		0960284-DUP1		B609196-01	Soil, dry wt.					1
Diesel Range Hydrocarbons	9/13/96		27.5	25.2	mg/kg (ppm)			48.0	8.73	
Surrogate: 2-FBP	"	12.7		9.45	"	50.0-150	74.4			
Batch: 0960345		Date Prepared: 9/16/96								
Blank		0960345-BLK1			Water					
Diesel Range Hydrocarbons	9/20/96			ND	mg/l (ppm)	0.250				
Heavy Oil Range Hydrocarbons	"			ND	"	0.750				
Surrogate: 2-FBP	"	0.344		0.176	"	50.0-150	51.2			
Blank Spike		0960345-BS1			Water					2
Diesel Range Hydrocarbons	9/20/96	2.04		1.18	mg/l (ppm)	54.0-121	57.8			
Surrogate: 2-FBP	"	0.344		0.141	"	50.0-150	41.0			
Duplicate		0960345-DUP1		B609196-02	Water					1
Diesel Range Hydrocarbons	9/20/96		ND	ND	mg/l (ppm)			44.0		
Surrogate: 2-FBP	"	0.648		0.421	"	50.0-150	65.0			


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**Metals by EPA 6010/7000 Series Methods
Quality Control**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<u>Batch: 0960353</u>	<u>Date Prepared: 9/16/96</u>									
<u>Blank</u>	<u>0960353-BLK1</u>									
Lead	9/16/96			ND	mg/l (ppm)	0.00200				
<u>Blank Spike</u>	<u>0960353-BS1</u>									
Lead	9/16/96	0.0250		0.0292	mg/l (ppm)	70.0-130	117			
<u>Duplicate</u>	<u>0960353-DUP1</u> <u>B609219-01</u>									
Lead	9/16/96		0.00295	0.00281	mg/l (ppm)			20.0	4.86	
<u>Matrix Spike</u>	<u>0960353-MS1</u> <u>B609219-01</u>									
Lead	9/16/96	0.0250	0.00295	0.0304	mg/l (ppm)	75.0-125	110			
<u>Matrix Spike Dup</u>	<u>0960353-MSD1</u> <u>B609219-01</u>									
Lead	9/16/96	0.0250	0.00295	0.0303	mg/l (ppm)	75.0-125	109	20.0	0.913	


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Offices:

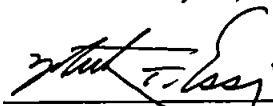
- BOTHELL ■ (206) 481-9200 ■ FAX 485-2992
- SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
- PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001 Project Manager: John Meyer	Sampled: 9/12/96 Received: 9/12/96 Reported: 9/23/96
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**Dissolved Metals by EPA 6010/7000 Series Methods
Quality Control**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0960481										
Blank										
Lead	9/19/96			ND	Water mg/l (ppm)	0.00200				
Blank Spike										
Lead	9/19/96	0.0250		0.0245	Water mg/l (ppm)	70.0-130	98.0			
Duplicate										
Lead	9/19/96		<u>B609230-01</u> 0.00324	0.00291	Water mg/l (ppm)			20.0	10.7	
Matrix Spike										
Lead	9/19/96	0.0250	<u>B609230-01</u> 0.00324	0.0338	Water mg/l (ppm)	75.0-125	122			
Matrix Spike Dup										
Lead	9/19/96	0.0250	<u>B609230-01</u> 0.00324	0.0325	Water mg/l (ppm)	75.0-125	117	20.0	4.18	


Matthew Essig, Project Manager



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

Offices:

BOTHELL ■ (206) 481-9200 ■ FAX 485-2992
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco #63-232-0037 Project Number: 31001 Project Manager: John Meyer	Sampled: 9/12/96 Received: 9/12/96 Reported: 9/23/96
--	--	--

Notes

#	Note
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- 1 RPD values are not reported at sample concentrations less than 10 times the reporting limit.
- 2 The surrogate recovery for sample is outside of NCA established control limits.

North Creek Analytical, Inc.


Matthew Essig, Project Manager



TEXACO CHAIN OF CUSTODY REPORT **Work Order #:**

CONSULTANT: <i>ERI</i>			TEXACO INFORMATION				TURNAROUND REQUEST in Business Days Organic & Inorganic Analyses * <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">10</div> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">3</div> <div style="border: 1px solid black; padding: 2px; border-radius: 50%;">1</div> </div> Air Analyses * <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">3</div> <div style="border: 1px solid black; padding: 2px;">1</div> </div> OTHER <input type="checkbox"/> Specify: _____ <small>* Standard Turnaround for Organic & Inorganic Analyses is 10 Days * Standard Turnaround for Air Analyses is 3 Days</small>			
PROJECT MANAGER: <i>John Meyer</i>			TEXACO PROJECT MANAGER: <i>T. Geiger</i>							
ADDRESS: <i>1921 Edmonds Dr SE Renton, WA 98055</i>			TEXACO FACILITY NUMBER: <i>63-232-0037</i>							
PHONE: <i>227-0290</i> FAX: <i>227-0225</i>			SITE ADDRESS: <i>8701 Greenwood Ave N Seattle WA</i>							
PROJECT NAME: <i>Texaco Greenwood</i>			State Hydrocarbon Methods (please circle): WA OR AK ID							
PROJECT NUMBER: <i>31001</i>			Analysis Request: TPH-CBTX TPH-D TPH-D Extended TPH-418.1 TPH-HCID <i>Analysis Lead</i> <i>Test Pb</i>							
SAMPLED BY: <i>Meyer</i>										
NCA SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE / TIME	TPH-CBTX	TPH-D	TPH-D Extended	TPH-418.1	TPH-HCID	MATRIX (W, S, O)	# OF CONTAINERS	COMMENTS & PRESERVATIVES USED
<i>B609196-01</i>	<i>1. EX4-B-1</i>	<i>9/12/96</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<i>S</i>	<i>1</i>	<i>RUSH</i>
<i>-02</i>	<i>2. AGW6-091296</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<i>W</i>	<i>7</i>	<i>HCL - 2</i>
	<i>3.</i>									
	<i>4.</i>									<i>Standard T/A</i>
	<i>5.</i>									
	<i>6.</i>									
	<i>7.</i>									
	<i>8.</i>									
	<i>9.</i>									
	<i>10.</i>									
RELINQUISHED BY: <i>[Signature]</i>			DATE: <i>9/12/96</i>		RECEIVED BY: <i>[Signature]</i>			DATE: <i>9/12/96</i>		
PRINT NAME: <i>John Meyer</i> FIRM: <i>ERI</i>			TIME: <i>3:54</i>		PRINT NAME: <i>DANA HEW</i> FIRM: <i>NCA B</i>			TIME: <i>1558</i>		
RELINQUISHED BY:			DATE:		RECEIVED BY:			DATE:		
PRINT NAME:			FIRM:		PRINT NAME:			FIRM:		
ADDITIONAL REMARKS:			<i>Results via phone/fax ASAP - use silica gel cleanup</i> <i>Run water for total of dissolved Pb</i> <div style="float: right; text-align: right;"> <i>6°</i> <i>w/o acetone</i> </div>							

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST, INC.

7110 38th Drive SE
Lacey, Washington 98503

Mobile Environmental Laboratories
Environmental Sampling Services

Telephone: 360-459-4670
Fax: 360-459-3432

September 24, 1996

John Meyer
ERI
Environmental Resolutions Inc.
1921 Edmonds Drive SE
Renton, WA 98055

Dear Mr. Meyer:

Please find enclosed the data report for analyses of soil samples conducted off-site September 17 and 18, 1996, for the Greenwood Project, Project No. 31001, in Lynnwood, Washington. The soil samples were analyzed for Gasoline by WTPH-G, BTEX by EPA Method 8020, and Diesel and Oil by WTPH-D/D Extended. One soil sample was analyzed for Hydrocarbon Identification by WTPH-HCID.

The results of the 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. The invoice for this work has been sent to Theresa Geijer at Texaco Environmental Health and Safety in Lynnwood, Washington, for payment. A copy is enclosed for your files.

TEG Northwest appreciates the opportunity to have provided analytical services to Texaco Environmental Services and ERI 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
President

cc: letter and invoice sent to:
Theresa Geijer, Texaco Environmental Health & Safety
3400 188th St. SW, #630, Lynnwood, WA 98037

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

GREENWOOD PROJECT

Lynnwood, Washington

Texaco Environmental Services/ERI

Project No. 31001

Gasoline (WTPH-G) & BTEX (EPA 8020) Analyses for Soils

Sample Number	Date Analyzed	Benzene mg/kg	Toluene mg/kg	Eth Benz mg/kg	Xylene mg/kg	Gasoline mg/kg	Recovery (%)
Meth. Blank	09/17/96	nd	nd	nd	nd	nd	90
EX5-S-3	09/17/96	nd	nd	nd	nd	12	89
T3-2-2	09/17/96	1.94	5.22	9.98	25.5	2200	103
T3-1-3	09/17/96	5.16	7.7	14.9	40	3770	92
T1-1-3	09/17/96	nd	nd	nd	nd	nd	104
T1-1-3 Dup.	09/17/96	nd	nd	nd	nd	nd	92
EX5-E-3	09/17/96	nd	nd	nd	nd	37	97
EX5-N-3	09/17/96	0.11	nd	0.36	1.42	16	94
EX5-W-3	09/17/96	nd	nd	nd	nd	35	88
T2-1-3	09/17/96	nd	nd	nd	nd	nd	101
T2-1-3 Dup.	09/17/96	nd	nd	nd	nd	nd	92
EX5-NE-3	09/17/96	0.98	3.28	7.64	50	890	104
SP1-917	09/17/96	nd	nd	nd	nd	29	98
SP2-917	09/17/96	0.25	0.27	1.34	5.83	380	101
Detection Limits		0.05	0.05	0.05	0.05	10	

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

"int" Indicates that interferences prevent determination.

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

GREENWOOD PROJECT
 Lynnwood, Washington
 Texaco Environmental Services/ERI
 Project No. 31001

Diesel and Oil (WTPH-D/D Extended) Analyses for Soils

Sample Number	Date Analyzed	Recovery %	Diesel mg/kg	Oil mg/kg
Meth. Blank	09/17/96	87	nd	nd
EX5-S-3	09/17/96	96	24	1130
T3-2-2	09/17/96	86	nd	nd
T3-1-3	09/17/96	88	nd	nd
T1-1-3	09/17/96	110	nd	nd
T1-1-3 Dup.	09/17/96	113	nd	nd
EX5-E-3	09/17/96	116	15	1610
EX5-N-3	09/17/96	79	25*	nd
EX5-W-3	09/17/96	85	18	1680
T2-1-3	09/17/96	105	nd	nd
T2-1-3 Dup.	09/17/96	90	nd	nd
EX5-NE-3	09/17/96	82	nd	nd
SP1-917	09/17/96	int	36	1600
SP2-917	09/17/96	95	nd	nd
Detection Limits			20	40

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

"int" Indicates that interferences prevent determination.

*** This comes from a single peak which elutes between C18 and C20

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

GREENWOOD PROJECT
 Lynnwood, Washington
 Texaco Environmental Services/ERI
 Project No. 31001

Gasoline (WTPH-G) & BTEX (EPA 8020) Analyses for Soils

Sample Number	Date Analyzed	Benzene mg/kg	Toluene mg/kg	Eth Benz mg/kg	Xylene mg/kg	Gasoline mg/kg	Recovery (%)
Meth. Blank	09/18/96	nd	nd	nd	nd	nd	99
EX6-2-W	09/18/96	nd	nd	nd	nd	36	108
T3-3-3	09/18/96	nd	nd	nd	nd	nd	103
EX5-NW-3	09/18/96	nd	nd	nd	nd	nd	96
EX5-NE1-3	09/18/96	nd	nd	nd	nd	nd	89
EX5-NE1-3 Du	09/18/96	nd	nd	nd	nd	nd	86
EX5-NE2-3	09/18/96	nd	nd	nd	nd	nd	114
EX5-SE1-3	09/18/96	nd	nd	nd	0.20	nd	92
EX5-NW2-3	09/18/96	nd	nd	nd	0.14	nd	100
EX5-SE2-3	09/18/96	nd	nd	nd	nd	nd	98
EX5-SE2-3 Dup	09/18/96	nd	nd	nd	nd	nd	97
EX5-E2-3	09/18/96	nd	nd	nd	0.07	27	101
Detection Limits		0.05	0.05	0.05	0.05	10	

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

"int" Indicates that interferences prevent determination.

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

GREENWOOD PROJECT
 Lynnwood, Washington
 Texaco Environmental Services/ERI
 Project No. 31001

Diesel and Oil (WTPH-D/D-Extended) Analyses for Soils

Sample Number	Date	Recovery %	Diesel mg/kg	Heavy Oil mg/kg
Meth. Blank	09/18/96	94	nd	nd
EX6-2-W	09/18/96	116	nd	1020
EX6-2-W **	09/18/96	94	nd	1240
T3-3-3	09/18/96	110	nd	nd
T3-3-3 Dup	09/18/96	107	nd	nd
EX5-NW-3	09/18/96	94	nd	nd
EX5-NE1-3	09/18/96	94	nd	nd
EX5-NE2-3	09/18/96	102	nd	nd
EX5-SE1-3	09/18/96	93	nd	nd
EX5-NW2-3	09/18/96	100	nd	nd
EX5-SE2-3	09/18/96	104	nd	nd
EX5-SE2-3 Dup	09/18/96	105	nd	nd
EX5-E2-3	09/18/96	101	nd	nd
MDL			20	40

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

"int" Indicates that interference peaks prevent determination.

** Sample preparation included 2x Silica Gel cleanup.

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

GREENWOOD PROJECT
 Lynnwood, Washington
 Texaco Environmental Services/ERI
 Project No. 31001

Hydrocarbon Identification by WTPH-HCID for Soils

Sample Number	Date	Recovery %	Gasoline mg/kg	Diesel mg/kg	Heavy Oil mg/kg
Meth. Blank	09/18/96	94	nd	nd	nd
Backfill	09/18/96	107	nd	nd	nd
Method Detection Limits			20	50	100

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

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-Hydrocarbon Identification
(WTPH-HCID)**

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.



CLIENT: TEXACO 63-232-0037
 ADDRESS: 8701 Greenwood Ave N, Seattle WA
TEXACO / ERI / TEXACO / ERI
 PHONE: 714-6092 / 227-0290 FAX: 714-7786 / 227-0225
 CLIENT PROJECT #: _____ PROJECT MANAGER: Geyer/Meyer

DATE: 9/18/96 PAGE _____ OF _____
 PROJECT NAME: TEXACO GREENWOOD
 LOCATION: 8701 Greenwood Ave
 COLLECTOR: John Meyer DATE OF COLLECTION: 9/18/96

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES																FIELD NOTES	Total Number of Containers	Laboratory Note Number					
					VOA 601/8010	VOA 602/8020	VOA 624/8240	Semi Vol 625/8270	TPH 418.1	TPH 8015 (Gasoline)	TPH 8015 (Diesel)	PAH 610/8100	PEST/PCBs 8080	HEX CHROME	ORGANIC LEAD	TOTAL LEAD	PH	ASBESTOS	HCl/D									
ST EX6-2-W			S	Glass Jar								X	X															
1 T3-3-3												X	X															
2 EX5-NW-3												X	X															
3 EX5-NE2-3												X	X															
4 EX5-NE2-3												X	X															
EX5-SE2-3												X	X															
EX5-NW2-3												X	X															
EX5-SE2-3												X	X															
EX5-E2-3												X	X															
Background												X	X							X							ESE Import	
Standard A												X	X														Sgn. Rock chips	
Standard B												X	X														Asphalt	

RELINQUISHED BY (Signature) _____ DATE/TIME 9/18/96
 RECEIVED BY (Signature) Erin Hunter DATE/TIME 9-18-96 1930h

SAMPLE RECEIPT
 TOTAL NUMBER OF CONTAINERS _____
 CHAIN OF CUSTODY SEALS Y/N/NA _____
 SEALS INTACT? Y/N/NA _____
 RECEIVED GOOD COND./COLD _____
 NOTES: _____

LABORATORY NOTES:

SAMPLE DISPOSAL INSTRUCTIONS
 TEG DISPOSAL @ \$2.00 each Return Pickup



CHAIN OF CUSTODY REPORT

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508 (206) 481-9200 FAX 485-2992
 East 11115 Montgomery, Suite B, Spokane, WA 99206-4779 (509) 924-9200 FAX 924-9290
 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 (503) 643-9200 FAX 644-2202

Work Order #

REPORT TO: ERJ
 ATTENTION: John Meyer
 ADDRESS: 1921 Edmonds Dr SE
Renton, WA 98055
 PHONE: 227-0280 FAX: 227-0225
 PROJECT NAME: Greenwood
 PROJECT NUMBER: 31001
 SAMPLED BY: John Meyer

INVOICE TO: Texaco Ref. in Market
 ATTENTION: Theresa Geiger
 ADDRESS: 3400 180th St SW
Lynnwood, WA 98037
 P.O. NUMBER: _____ NCA QUOTE #: _____

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses
 10 7 5 4 3 2 1 Same Day
Standard

Fuels & Hydrocarbon Analyses
 5 3-4 2 1 Same Day
Standard

OTHER Specify: _____

* Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NCA SAMPLE ID (Laboratory Use Only)	Analysis Request: <u>TPH-G/BTEX</u> <u>TPH-D/THO</u>														
1. <u>EX5-S-3</u>	<u>9/17/96</u>		X	X													
2. <u>T3-2-2</u>			X	X													
3. <u>T3-1-3</u>			X	X													
4. <u>T2-1-3</u>			X	X													
5. <u>EX5-E-3</u>			X	X													
6. <u>EX5-N-3</u>			X	X													
7. <u>EX5-W-3</u>			X	X													
8. <u>T2-1-3</u>			X	X													
9. <u>EX5-NE-3</u>			X	X													
10. <u>SP1-917</u> <u>SP2-917</u>			X	X													

MATRIX (W. S. A. O)	# OF CONTAINERS	COMMENTS
<u>S</u>	<u>1</u>	<u>T/A</u>
	<u>1</u>	<u>ASAP PER</u>
	<u>1</u>	<u>Ti. Geiger</u>
	<u>1</u>	<u>TEXACO</u>
	<u>1</u>	
	<u>1</u>	
	<u>1</u>	
	<u>1</u>	
	<u>1</u>	
	<u>1</u>	

RELINQUISHED BY (Signature): _____ DATE: _____
 PRINT NAME: John Meyer FIRM: ERJ TIME: _____
 RELINQUISHED BY (Signature): JAR? M DATE: _____
 PRINT NAME: _____ FIRM: _____ TIME: _____

RECEIVED BY (Signature): Eric Kuster DATE: 9-17-96
 PRINT NAME: ERICH KUSTER FIRM: TEB TIME: 2045
 RECEIVED BY (Signature): _____ DATE: _____
 PRINT NAME: _____ FIRM: _____ TIME: _____

ADDITIONAL REMARKS: Please fax results ASAP to Theresa Geiger @ (206) 771-7786 9112
John Meyer @ (206) 227-0225



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

Offices:

BOTHELL ■ (206) 481-9200 ■ FAX 485-2992
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

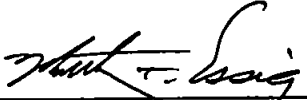
ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco Greenwood Project Number: 31001 Project Manager: John Meyer	Sampled: 9/25/96 Received: 9/25/96 Reported: 9/27/96
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ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
S1-2	B609430-01	Soil	9/25/96
S2-2	B609430-02	Soil	9/25/96
S3-1	B609430-03	Soil	9/25/96

North Creek Analytical, Inc.

*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.*


Matthew Essig, Project Manager



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

Offices:

BOTHELL ■ (206) 481-9200 ■ FAX 485-2992
 SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
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Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco Greenwood Project Number: 31001 Project Manager: John Meyer	Sampled: 9/25/96 Received: 9/25/96 Reported: 9/27/96
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Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8020A

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
				<u>B609430-01</u>				
<u>S1-2</u>								<u>Soil, dry wt.</u>
Gasoline Range Hydrocarbons	0960651	9/25/96	9/26/96		5.00	ND	mg/kg (ppm)	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		90.9	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		90.1	"	
				<u>B609430-02</u>				
<u>S2-2</u>								<u>Soil, dry wt.</u>
Gasoline Range Hydrocarbons	0960651	9/25/96	9/26/96		5.00	ND	mg/kg (ppm)	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		96.0	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		92.0	"	
				<u>B609430-03</u>				
<u>S3-1</u>								<u>Soil, dry wt.</u>
Gasoline Range Hydrocarbons	0960651	9/25/96	9/26/96		5.00	ND	mg/kg (ppm)	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		95.0	%	
Surrogate: 4-BFB (PID)	"	"	"	49.0-142		91.0	"	



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

Offices:

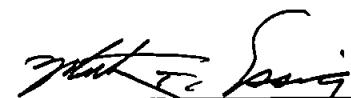
BOTHELL ■ (206) 481-9200 ■ FAX 485-2992
 SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
 PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco Greenwood Project Number: 31001 Project Manager: John Meyer	Sampled: 9/25/96 Received: 9/25/96 Reported: 9/27/96
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Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended) with Silica Gel Clean-up

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
								<u>Soil, dry wt.</u>
				<u>B609430-01</u>				
Diesel Range Hydrocarbons	0960627	9/25/96	9/27/96		110	293	mg/kg (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		275	1510	"	
Surrogate: 2-FBP	"	"	"	50.0-150		85.4	%	
								<u>Soil, dry wt.</u>
				<u>B609430-02</u>				
Diesel Range Hydrocarbons	0960627	9/25/96	9/27/96		30.0	115	mg/kg (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		75.0	716	"	
Surrogate: 2-FBP	"	"	"	50.0-150		78.8	%	
								<u>Soil, dry wt.</u>
				<u>B609430-03</u>				
Diesel Range Hydrocarbons	0960627	9/25/96	9/27/96		110	169	mg/kg (ppm)	
Heavy Oil Range Hydrocarbons	"	"	"		275	1040	"	
Surrogate: 2-FBP	"	"	"	50.0-150		83.5	%	


 Matthew Essig, Project Manager



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

Offices:

BOTHELL ■ (206) 481-9200 ■ FAX 485-2992
 SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
 PORTLAND ■ (503) 643-9200 ■ FAX 644-2202


Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco Greenwood Project Number: 31001 Project Manager: John Meyer	Sampled: 9/25/96 Received: 9/25/96 Reported: 9/27/96
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Dry Weight Determination

Sample Name	Lab ID	Matrix	Result	Units
S1-2	B609430-01	Soil	88.3	%
S2-2	B609430-02	Soil	83.9	%
S3-1	B609430-03	Soil	90.4	%

North Creek Analytical, Inc.


 Matthew Essig, Project Manager



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

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ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco Greenwood Project Number: 31001 Project Manager: John Meyer	Sampled: 9/25/96 Received: 9/25/96 Reported: 9/27/96
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Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8020A Quality Control

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0960651		Date Prepared: 9/25/96								
Blank		0960651-BLK1			Soil, dry wt.					
Gasoline Range Hydrocarbons	9/25/96			ND	mg/kg (ppm)	5.00				
Benzene	"			ND	"	0.0500				
Toluene	"			ND	"	0.0500				
Ethylbenzene	"			ND	"	0.0500				
Xylenes (total)	"			ND	"	0.100				
Surrogate: 4-BFB (FID)	"	4.00		4.32	"	50.0-150	108			
Surrogate: 4-BFB (PID)	"	4.00		4.20	"	49.0-142	105			
Blank Spike		0960651-BS1			Soil, dry wt.					
Gasoline Range Hydrocarbons	9/25/96	25.0		27.9	mg/kg (ppm)	37.0-119	112			
Surrogate: 4-BFB (FID)	"	4.00		4.64	"	50.0-150	116			
Duplicate		0960651-DUP1		B609436-01	Soil, dry wt.					
Gasoline Range Hydrocarbons	9/25/96		ND	ND	mg/kg (ppm)				53.0	
Surrogate: 4-BFB (FID)	"	4.38		4.38	"	50.0-150	100			
Duplicate		0960651-DUP2		B609430-01	Soil, dry wt.					
Gasoline Range Hydrocarbons	9/26/96		ND	ND	mg/kg (ppm)				53.0	
Surrogate: 4-BFB (FID)	"	4.53		4.08	"	50.0-150	90.1			
Matrix Spike		0960651-MS1		B609436-01	Soil, dry wt.					
Benzene	9/26/96	0.547	ND	0.483	mg/kg (ppm)	58.0-114	88.3			
Toluene	"	0.547	ND	0.505	"	59.0-113	92.3			
Ethylbenzene	"	0.547	ND	0.508	"	58.0-118	92.9			
Xylenes (total)	"	1.64	ND	1.55	"	61.0-119	94.5			
Surrogate: 4-BFB (PID)	"	4.38		4.29	"	49.0-142	97.9			
Matrix Spike Dup		0960651-MSD1		B609436-01	Soil, dry wt.					
Benzene	9/25/96	0.547	ND	0.498	mg/kg (ppm)	58.0-114	91.0	17.4	3.01	
Toluene	"	0.547	ND	0.514	"	59.0-113	94.0	16.5	1.83	
Ethylbenzene	"	0.547	ND	0.512	"	58.0-118	93.6	16.9	0.751	
Xylenes (total)	"	1.64	ND	1.58	"	61.0-119	96.3	18.3	1.89	
Surrogate: 4-BFB (PID)	"	4.38		4.07	"	49.0-142	92.9			


 Matthew Essig, Project Manager



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

Offices:

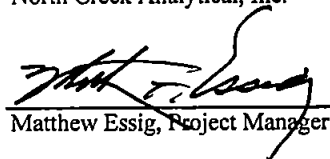
- BOTHELL ■ (206) 481-9200 ■ FAX 485-2992
- SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
- PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Correspondence to: 18939 - 120th Ave. NE, #101, Bothell, WA 98011

ERI 1921 Edmonds Drive SE Renton, WA 98055	Project: Texaco Greenwood Project Number: 31001 Project Manager: John Meyer	Sampled: 9/25/96 Received: 9/25/96 Reported: 9/27/96
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Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended) with Silica Gel Clean-up Quality Control

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0960627									
Blank									
Date Prepared: 9/25/96									
0960627-BLK1									
Diesel Range Hydrocarbons	9/26/96			ND	Soil, dry wt. mg/kg (ppm)	10.0			
Heavy Oil Range Hydrocarbons	"			ND	"	25.0			
Surrogate: 2-FBP	"	11.5		8.61	"	50.0-150	74.9		
Blank Spike									
0960627-BS1									
Diesel Range Hydrocarbons	9/26/96	68.1		53.4	Soil, dry wt. mg/kg (ppm)	66.0-131	78.4		
Surrogate: 2-FBP	"	11.5		9.32	"	50.0-150	81.0		
Duplicate									
0960627-DUP1 B609430-01									
Diesel Range Hydrocarbons	9/27/96		293	297	Soil, dry wt. mg/kg (ppm)			48.0	1.36
Surrogate: 2-FBP	"	13.0		9.64	"	50.0-150	74.2		


Matthew Essig, Project Manager

TEXACO CHAIN OF CUSTODY REPORT

Work Order #: **B609430**

CONSULTANT: ERI			TEXACO INFORMATION							TURNAROUND REQUEST in Business Days																										
PROJECT MANAGER: John Meyer			TEXACO PROJECT MANAGER: T. Geijer							Organic & Inorganic Analyses *																										
ADDRESS: 1921 Edmonds Pl SE Renton WA 98055			TEXACO FACILITY NUMBER: 63-232-0037							<table border="1" style="width:100%; text-align: center;"> <tr> <td style="width: 20%;">10</td> <td style="width: 20%;">5</td> <td style="width: 20%;">3</td> <td style="width: 20%; border: 2px solid black;">1</td> </tr> <tr> <td colspan="4">Air Analyses *</td> </tr> <tr> <td style="width: 20%;">3</td> <td style="width: 20%;">1</td> <td colspan="2"></td> </tr> </table>			10	5	3	1	Air Analyses *				3	1														
10	5	3	1																																	
Air Analyses *																																				
3	1																																			
PHONE: 227-0280 FAX: 227-0225			SITE ADDRESS: 6701 Greenwood Ave N Seattle							OTHER Specify:																										
PROJECT NAME: Greenwood			State Hydrocarbon Methods (please circle): WA OR AK ID							* Standard Turnaround for Organic & Inorganic Analyses is 10 Days																										
PROJECT NUMBER: 31001			<table border="1" style="width:100%; text-align: center;"> <tr> <td style="width: 10%;">Analysis</td> <td style="width: 10%;">Request:</td> <td style="width: 10%;">TPH-G/BIEX</td> <td style="width: 10%;">TPH-D</td> <td style="width: 10%;">TPH-D Extended</td> <td style="width: 10%;">TPH-418.1</td> <td style="width: 10%;">TPH-HCID</td> <td style="width: 10%;">Tot/Diss Lead</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td colspan="12" style="height: 100px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>SAMPLED BY: J. Meyer</p> </div> <div style="width: 60%; text-align: center;"> <p>* Standard Turnaround for Air Analyses is 3 Days</p> </div> </div> </td> </tr> </table>							Analysis	Request:	TPH-G/BIEX	TPH-D	TPH-D Extended	TPH-418.1	TPH-HCID	Tot/Diss Lead					<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>SAMPLED BY: J. Meyer</p> </div> <div style="width: 60%; text-align: center;"> <p>* Standard Turnaround for Air Analyses is 3 Days</p> </div> </div>												* Standard Turnaround for Air Analyses is 3 Days		
Analysis	Request:	TPH-G/BIEX								TPH-D	TPH-D Extended	TPH-418.1	TPH-HCID	Tot/Diss Lead																						
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>SAMPLED BY: J. Meyer</p> </div> <div style="width: 60%; text-align: center;"> <p>* Standard Turnaround for Air Analyses is 3 Days</p> </div> </div>																																				
NCA SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE / TIME										MATRIX (W, S, O)	# OF CONTAINERS	COMMENTS & PRESERVATIVES USED																						
B609430-01	1. SZ-2	9/25/96	X	X									S	1	24 hr T/A																					
	2. SZ-2		↓	↓											"																					
	3. SZ-1		↓	↓											"																					
	4.																																			
	5.																																			
	6.																																			
	7.																																			
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	10.																																			
RELINQUISHED BY: [Signature]			DATE: 9/25/96			RECEIVED BY: R G Kelley			DATE: 9/25/96																											
PRINT NAME: John Meyer FIRM: ERI			TIME: 9:42			PRINT NAME: R G Kelley FIRM: NCA			TIME: 1642																											
RELINQUISHED BY:			DATE:			RECEIVED BY:			DATE:																											
PRINT NAME:			TIME:			PRINT NAME:			TIME:																											
ADDITIONAL REMARKS:												PAGE																								
												OF																								



October 15, 1996

Service Request No.: B9600722

Theresa Geijer
Texaco Environmental Services
3400 188th Street SW, Suite 630
Lynnwood, WA 98037

Re: Texaco Greenwood Project

Dear Theresa:

Attached are the results of the sample(s) submitted to our laboratory on October 4, 1996. Preliminary results were transmitted via facsimile on October 5 and 10, 1996. For your reference, these analyses have been assigned our service request number B9600722.

All analyses were performed consistent with our laboratory's quality assurance program. All results are intended to be considered in their entirety, and CAS is not responsible for use of less than the complete report. Results only apply to samples analyzed.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

A handwritten signature in black ink, appearing to read "Colin B. Elliott".

Colin B. Elliott
Laboratory Manager

cc: John Meyer - Environmental Resolutions, Inc.

CBE/bdr

Page 1 of 9

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Environmental Resolutions Inc.
Project: Texaco Greenwood
Sample Matrix: Soil

Date Received: 10/4/96
Service Request No.: B9600722

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for sample(s) designated for Tier I data deliverables. When appropriate to the method, method blank results have been reported with each analytical test. Surrogate recoveries have been reported for all applicable organic analyses.

All EPA recommended holding times have been met for analyses in this sample delivery group.

The following difficulties were experienced during analysis of this batch: The analysis for total lead for sample SP2-100496 was originally performed on 10/7/96. Since the original result was significantly higher than the other samples submitted with this set, it was decided to reanalyze this sample. The reanalysis was performed in duplicate on 10/11/96 with the reanalysis showing a response of 89 ppm and 33 ppm for the sample and its duplicate, respectively. It is obvious that the sample had not been well mixed prior to the original analysis on 10/7/96 and that even after being well mixed on 10/11/96 that the duplicate analyses show a Relative Percent Difference of 92%. The result of 89 ppm is being reported since it is the opinion of Columbia Analytical Services that it best represents the overall concentration of lead in the sample.

Approved by

A. Elliott

Date

10/15/96

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Environmental Resolutions, Inc.
Project: Texaco Greenwood
Sample Matrix: Soil

Service Request: B9600722
Date Collected: 10/4/96
Date Received: 10/4/96
Date Extracted: 10/7/96
Date Analyzed: 10/7/96

Total Lead
EPA Method 7420
Units: mg/kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	MRL	Result
SP1-100396	B9600722-03	10	32
SP2-100496	B9600722-04	10	89 (a)
SP3-100496	B9600722-05	10	26
Method Blank	B9600722-SB	10	ND

(a) Result is from a reanalysis performed 10/11/96.

Approved By: _____

Ar. Elliott

Date: _____

10/15/96

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Environmental Resolutions, Inc.
Project: Texaco Greenwood
Sample Matrix: Soil

Service Request: B9600722
Date Collected: 10/4/96
Date Received: 10/4/96
Date Extracted: 10/4/96
Date Analyzed: 10/4-5/96

BTEX and Total Petroleum Hydrocarbons as Gasoline
EPA Methods 5030A/8020 and Washington DOE Method WTPH-G
Units: mg/Kg (ppm)
Dry Weight Basis

Analyte:	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH as Gasoline
Method Reporting Limit:	0.05	0.1	0.1	0.1	5

Sample Name	Lab Code	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH as Gasoline
EXNE-4	B9600722-01	ND	ND	ND	ND	ND
EXNW-4	B9600722-02	ND	ND	ND	ND	ND
SP1-100396	B9600722-03	ND	ND	ND	ND	ND
SP2-100496	B9600722-04	ND	ND	ND	ND	ND
SP3-100496	B9600722-05	ND	ND	ND	ND	ND
Method Blank	B9600722-SB	ND	ND	ND	ND	ND

Approved By: _____

A. Elliott

Date: 10/15/96

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Environmental Resolutions, Inc.
Project: Texaco Greenwood
Sample Matrix: Soil

Service Request: B9600722
Date Collected: 10/3-4/96
Date Received: 10/4/96
Date Extracted: 10/4/96
Date Analyzed: 10/4-5/96

Total Petroleum Hydrocarbons as Diesel and Oil
Washington DOE Method WTPH-D
Units: mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	Analyte: Method Reporting Limit:	Diesel 25	Oil* 100
EXNE-4	B9600722-01		ND	ND
EXNW-4	B9600722-02		ND	ND
SP1-100396	B9600722-03(a)		440 (b)	3800 (b)
SP2-100496	B9600722-04		48 (b)	116 (b)
SP3-100496	B9600722-05(a)		110 (b)	490 (b)
Method Blank	B9600722-SB		ND	ND

- * Quantified using 30-weight motor oil as a standard.
- (a) Result is from the analysis of a diluted sample, performed on 10/4/96. Dilution factor: 10
- (b) Quantified as diesel/oil. The sample contained components that eluted in the diesel/oil range, but the chromatogram did not match the typical diesel/oil fingerprint.

Approved By: _____

Car. Elliott

Date: _____

10/15/96

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Environmental Resolutions, Inc.
Project: Texaco Greenwood
Sample Matrix: Soil

Service Request: B9600722
Date Collected: 10/3-4/96
Date Received: 10/4/96
Date Extracted: 10/4/96
Date Analyzed: 10/5/96

Total Petroleum Hydrocarbons as Diesel and Oil with Silica Gel Clean-up
Washington DOE Method WTPH-D
Units: mg/Kg (ppm)
Dry Weight Basis

Sample Name	Lab Code	Analyte: Method Reporting Limit:	Diesel 25	Oil* 100
SP1-100396	B9600722-03		296 (a)	2030
SP2-100496	B9600722-04		26 (a)	ND
SP3-100496	B9600722-05		71 (a)	310

* Quantified using 30-weight motor oil as a standard.

(a) Quantified as diesel. The sample contained components that eluted in the diesel range, but the chromatogram did not match the typical diesel fingerprint.

Approved By: _____

John Elliott

Date: _____

10/15/96

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Environmental Resolutions, Inc.
Project: Texaco Greenwood
Sample Matrix: Soil

Service Request: B9600722
Date Collected: 10/4/96
Date Received: 10/4/96
Date Extracted: 10/4/96
Date Analyzed: 10/4-5/96

Surrogate Recovery Summary
BTEX and Total Petroleum Hydrocarbons as Gasoline
EPA Methods 5030A/8020 and Washington DOE Method WTPH-G

Sample Name	Lab Code	Percent Recovery 4-BFB (PID - BTEX)	Percent Recovery 4-BFB (FID - GAS)
EXNE-4	B9600722-01	89	91
EXNW-4	B9600722-02	86	84
SP1-100396	B9600722-03	86	87
SP2-100496	B9600722-04	91	94
SP3-100496	B9600722-05	90	94
Method Blank	B9600722-SB	81	83

CAS Acceptance Limits: 69-112 69-111

Approved By: _____

Car. Elliott

Date: 10/15/96

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:
Project:
Sample Matrix: Soil

Service Request: B9600722
Date Collected: 10/3-4/96
Date Received: 10/4/96
Date Extracted: 10/4/96
Date Analyzed: 10/4/96

Surrogate Recovery Summary
Total Petroleum Hydrocarbons as Diesel and Oil
Washington DOE Method WTPH-D

Sample Name	Lab Code	Percent Recovery p-Terphenyl
EXNE-4	B9600722-01	98
EXNW-4	B9600722-02	92
SP1-100396	B9600722-03	80
SP2-100496	B9600722-04	91
SP3-100496	B9600722-05	80
Method Blank	B9600722-SB	99

CAS Acceptance Limits: 74-117

Approved By: _____

Ch. Elliott

Date: 10/15/96



18912 North Creek Pkwy, Suite 118 • Bothell, WA 98011 • (206) 486-6983 • FAX (206) 486-7695

CHAIN OF CUSTODY/LABORATORY ANALYSIS REPORT FORM

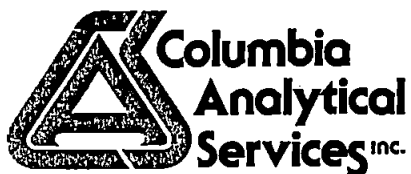
DATE 10/4/96 PAGE 1 OF 1

PROJECT NAME Texaco # _____
 PROJECT Greenwood
 COMPANY/ADDRESS 8701 Greenwood Ave
Seattle WA
 PHONE _____
 SAMPLERS SIGNATURE [Signature]

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUEST												REMARKS					
						TPH - HCID State:	TPH - G State:	TPH - D State:	TPH - 418.1 State:	TPH - Other	Halogenated or Aromatic Volatiles 601/8010 GC/MS	Base/Neu/Acid Organics 624-8240 GC/MS	Pesticides/PCBS 8080	PAH 8100 GC	TCLP Metals	Metals Total List Below	Cyanide		pH, Cond Cl, SO ₄ , PO ₄ F, Br	NH ₃ - N, COD (Circle)	TOX (Circle)	Total-P, TKN, TOC	
EXNE-4	10/4		722-1	S	1	X	X																RUSH
EXNW-4	10/4		2	S	1	X	X																RUSH
SP1-100396	10/3		3		1	X	X																
SP2-100496	10/4		4		1	X	X																
SP3-100496	10/4		5		1	X	X																

RELINQUISHED BY: Signature: <u>[Signature]</u> Printed Name: <u>Sam Meyer</u> Firm: <u>ERI</u> Date/Time: <u>10/4/96</u>	RECEIVED BY: Signature: <u>[Signature]</u> Printed Name: <u>D J MOSIER</u> Firm: <u>CHS</u> Date/Time: <u>10-4-96 4:00</u>	TURNAROUND REQUIREMENTS <input type="checkbox"/> 24 hr <input type="checkbox"/> 48 hr <input type="checkbox"/> 5 day <input type="checkbox"/> Standard (10-15 working days) <input type="checkbox"/> Provide Verbal Preliminary Results <input type="checkbox"/> Provide FAX preliminary Results Requested Report Date _____	REPORT REQUIREMENTS <input type="checkbox"/> I. Routine Report <input type="checkbox"/> II. Report (includes DUP.MAS. MSD, as required, may be charged as samples) <input type="checkbox"/> III. Data Validation Report (includes All Raw Data) <input type="checkbox"/> IV. CLP Deliverable Report	INVOICE INFORMATION: P.O.# _____ Bill To _____ _____ _____	SAMPLE RECEIPT: Shipping VIA: _____ Shipping to: _____ Condition: _____ Lab No: <u>B9600722</u>
---	---	--	--	---	--

RELINQUISHED BY: Signature _____ Printed Name _____ Firm _____ Date/Time _____	RECEIVED BY: Signature _____ Printed Name _____ Firm _____ Date/Time _____	SPECIAL INSTRUCTIONS/COMMENTS: _____ _____ _____
---	---	--



October 21, 1996

Service Request No.: B9600731

Theresa Geijer
Texaco Environmental Services
3400 188th Street SW, Suite 630
Lynnwood, WA 98037

Re: Texaco Greenwood Project

Dear Theresa:

Attached are the results of the sample(s) submitted to our laboratory on October 9, 1996. For your reference, these analyses have been assigned our service request number B9600731.

All analyses were performed consistent with our laboratory's quality assurance program. All results are intended to be considered in their entirety, and CAS is not responsible for use of less than the complete report. Results only apply to samples analyzed.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

A handwritten signature in black ink, appearing to read "Colin B. Elliott". The signature is written in a cursive, flowing style.

Colin B. Elliott
Laboratory Manager

cc: John Meyer - Environmental Resolutions, Inc.

CBE/bdr

Page 1 of 7

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Texaco
Project: Texaco Greenwood
Sample Matrix: Water

Service Request: B9600731
Date Collected: 10/9/96
Date Received: 10/9/96
Date Extracted: NA
Date Analyzed: 10/9/96

BTEX and Total Petroleum Hydrocarbons as Gasoline
EPA Methods 5030A/8020 and Washington DOE Method WTPH-G
Units: µg/L (ppb)

Analyte:	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH as Gasoline
Method Reporting Limit:	0.5	1	1	1	50

Sample Name	Lab Code	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH as Gasoline
EXWATER	B9600731-01	ND	ND	ND	ND	ND
Method Blank	B9600731-WB	ND	ND	ND	ND	ND

Approved By: _____

C. Elliott

Date: _____

10/21/96

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Texaco
Project: Texaco Greenwood
Sample Matrix: Water

Service Request: B9600731
Date Collected: 10/9/96
Date Received: 10/9/96
Date Extracted: 10/9/96
Date Analyzed: 10/9/96

Total Petroleum Hydrocarbon as Diesel and Oil
Washington DOE Method WTPH-D
Units: µg/L (ppb)

Analyte:	Diesel	Oil*
Method Reporting Limit:	250	750

Sample Name	Lab Code		
EXWATER	B9600731-01	310 (a)	ND
Method Blank	B9600731-WB	ND	ND

* Quantified using 30 weight motor oil as a standard.

(a) Quantified as diesel. The sample contained components that eluted in the diesel range, but the chromatogram did not match the typical diesel fingerprint.

Approved By: _____

Col. Elliott

Date: 10/21/96

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Texaco
Project: Texaco Greenwood
Sample Matrix: Water

Service Request: B9600731
Date Collected: 10/9/96
Date Received: 10/9/96
Date Extracted: 10/9/96
Date Analyzed: 10/9/96

Total Petroleum Hydrocarbon as Diesel and Oil with Silica-Gel Cleanup
Washington DOE Method WTPH-D\ EPA 3630M
Units: $\mu\text{g/L}$ (ppb)

Analyte: Diesel **Oil***
Method Reporting Limit: 250 750

Sample Name	Lab Code	Diesel	Oil*
EXWATER	B9600731-01	ND	ND

* Quantified using 30 weight motor oil as a standard.

Approved By: *Car. Elliott* Date: 10/21/96

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Texaco
Project: Texaco Greenwood
Sample Matrix: Water

Service Request: B9600731
Date Collected: 10/9/96
Date Received: 10/9/96
Date Extracted: NA
Date Analyzed: 10/9/96

Surrogate Recovery Summary
BTEX and Total Petroleum Hydrocarbons as Gasoline
EPA Methods 5030A/8020 and Washington DOE Method WTPH-G

Sample Name	Lab Code	Percent Recovery 4-BFB (PID - BTEX)	Percent Recovery 4-BFB (FID - GAS)
EXWATER	B9600731-01	102	105
Method Blank	B9600731-WB	99	102

CAS Acceptance Limits: 86-117 86-117

Approved By: _____

Col. Elliott

Date: 10/21/96

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Texaco
Project: Texaco Greenwood
Sample Matrix: Water

Service Request: B9600731
Date Collected: 10/9/96
Date Received: 10/9/96
Date Extracted: 10/9/96
Date Analyzed: 10/9/96

Surrogate Recovery Summary
Total Petroleum Hydrocarbons as Diesel and Oil
Washington DOE Method WTPH-D

Sample Name	Lab Code	Percent Recovery p-Terphenyl
EXWATER	B9600731-01	124
EXWATER	B9600731-01SILICA	72
Method Blank	B9600731-WB	123

CAS Acceptance Limits: 59-131

Approved By: _____

John Elliott

Date: 10/21/96



18912 North Creek Pkwy, Suite 118 • Bothell, WA 98011 • (206) 486-6983 • FAX (206) 486-7695

CHAIN OF CUSTODY/LABORATORY ANALYSIS REPORT FORM

DATE 10/9/96 PAGE 1 OF 1

PROJECT NAME TEXACO Greenway #
 PROJECT Greenway
 COMPANY/ADDRESS Texaco - T. Geijer
3400 188th St SW
Clyde WA PHONE 774-6980
 SAMPLERS SIGNATURE John Meyer

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUEST														REMARKS							
						TPH - HCID State:	TPH - G State:	TPH - DL State:	TPH - 418.1 State:	TPH - Other	Halogenated or Aromatic Volatiles 601/8010	Volatile Organics GC/MS 602/8020	Base/New/Acid Organics GC/MS 624-8240	Pesticides/PCBS 8080	PAH PCB ONLY 8310	HPCL 8310	TCLP Metals	Semi VOA VOA	Metals Total List Below		Pes/Herb DISS	Cyanide	pH, Cond, Cl, SO4, PO4 F, Br	NO2, NO3 (Circle)	NH3 - N, COD, Total-P, TKN, TOC (Circle)		
EXWATER	10/9	-	731-1	water	7	X	X																				ASAP
SP-10092	"		2	soil	1																						HOLD
Piling	"		3	water	1																						HOLD

RELINQUISHED BY:
 Signature: [Signature]
 Printed Name: John Meyer
 Firm: ERI
 Date/Time: 10/9/96 10:25

RECEIVED BY:
 Signature: [Signature]
 Printed Name: Colin Elliott
 Firm: CAS
 Date/Time: 10/9/96 10:25

TURNAROUND REQUIREMENTS
 24 hr 48 hr 5 day
 Standard (10-15 working days)
 Provide Verbal Preliminary Results
 Provide FAX preliminary Results
 Requested Report Date _____

REPORT REQUIREMENTS
 I. Routine Report
 II. Report (includes DUP.MAS. MSD, as required, may be charged as samples)
 III. Data Validation Report (includes All Raw Data)
 IV. CLP Deliverable Report

INVOICE INFORMATION:
 P.O.# _____
 Bill To _____

SAMPLE RECEIPT:
 Shipping VIA: _____
 Shipping to: _____
 Condition: _____
 Lab No: B9600731

RELINQUISHED BY:
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____

RECEIVED BY:
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____

SPECIAL INSTRUCTIONS/COMMENTS:
Fax results ASAP to
T. Geijer - 771-7786
J. Meyer 227-0225 fax
227-0280

7

APPENDIX B

SOIL DISPOSAL MANIFESTS

Customer Job Report

Gross & Tare Weight Codes: M=Manual; S=Scale; T=Trk File

Job Number Name	SiteAddress	SiteCity	State	ZipCode
A03 -- 00623 TEXACO #63-232-0037	8701 GREENWOOD AVENUE	SEATTLE	WA	00000

Load #	Date & Time Out	Transporter #	Truck & Trailer Number	Gross (lb)	Tare (lb)	Net (lb)	Net Wt (tons)
9	09/13/96 10:27	3JLACON	ED	45,780M	25,060M	20,720	10.36
10	09/18/96 09:27	3JLACON	DARIN	95,440M	38,000M	57,440	28.72
11	09/18/96 09:27	3JLACON	DARIN	99,000M	37,960M	61,040	30.52
12	09/19/96 12:42	3JLACON	DARIN	100,800M	38,060M	62,740	31.37
13	09/19/96 12:43	3JLACON	JOHN	27,320M	12,940M	14,380	7.19
14	09/19/96 12:44	3JLACON	REX	56,960M	26,160M	30,800	15.40
15	09/19/96 12:44	3JLACON	DARIN	97,940M	38,060M	59,880	29.94
16	09/19/96 12:45	3JLACON	JOHN	74,920M	32,800M	42,120	21.06
19	09/19/96 12:48	3JLACON	DARIN	99,880M	38,060M	61,820	30.91
17	09/20/96 09:25	3JLACON	REX	53,740M	40,540M	13,200	6.60
18	09/20/96 09:48	3JLACON	DARIN	96,540M	38,280M	58,260	29.13
0	09/21/96 13:45	3JLACON		0	0	0	0.00

Completed Loads	Manifests Received	Completed Weight	Estimated Weight	TOTAL Net Wt:
68.40%	13	4,843.20%	5.00(tons)	241.20(tons)

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load #: 009
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.:
	Person to Contact: THERESA BEIJER - EXT 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 90444-6766 USA	Facility Phone #: (206) 524-8430	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 524-8309	

Transporter Name and Mailing Address: ENVIROTECH SYSTEMS 13920 AURORA AVENUE NORTH SEATTLE, WA 98133 USA	Transporter's Phone #: (206) 363-9000	Transporter's US EPA ID No.:
	Person to Contact: DON HUNT	Transporter's DOT No.:
	FAX#: (206) 546-1920	Customer Account Number with TPS: 3ENVSYS

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input checked="" type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			45780	25060	20720
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			1036		

List any exception to items listed above:

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

Print or Type Name: Generator Consultant Signature and date: _____ Month _____ Day _____ Year _____

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

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

Discrepancies:

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

Print or Type Name: RENEE AVELINO - DSM Signature and date: _____ 9/15

Please print or type.

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:		Responsible for Payment: Generator		Transporter Truck #:		Facility #: A03		Given by TPS: 00623		Load #: 010		
Generator's Name and Billing Address: TEXACO EH&S 3400 - 180th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA						Generator's Phone #: (206) 774-6090		Generator's US EPA ID No.:				
Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA						Consultant's Phone #: (206) 227-0220		Customer Account Number with TPS: 1001513				
Generation Site (Transport from): (name & address) TEXACO #63-232-0037 9701 GREENWOOD AVENUE SEATTLE WA 98108 USA						Site Phone #:		BTEX Levels				
Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6756 USA						Facility Phone #: (206) 344-2430		Facility Permit Numbers				
Transporter Name and Mailing Address: JLA CONSTRUCTION 7503 - 131st STREET COURT EAST BUYALLUP, WA 98373 USA						Transporter's Phone #: (206) 871-9871		Transporter's US EPA ID No.:				
						Person to Contact: SPOTT TALERICO		Transporter's DOT No.:				
						FAX#: (206) 848-8961		Customer Account Number with TPS: 3JLACON				
Description of Soil		Moisture Content		Contaminated by:		Approx. Qty:		Description of Delivery		Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>		0 - 10% <input type="checkbox"/>		Gas <input type="checkbox"/>						95440	38000	57440
Clay <input type="checkbox"/> Other <input type="checkbox"/>		10 - 20% <input type="checkbox"/>		Diesel <input type="checkbox"/>								
		20% - over <input type="checkbox"/>		Other <input type="checkbox"/>								
Sand <input type="checkbox"/> Organic <input type="checkbox"/>		0 - 10% <input type="checkbox"/>		Gas <input type="checkbox"/>						28.72		
Clay <input type="checkbox"/> Other <input type="checkbox"/>		10 - 20% <input type="checkbox"/>		Diesel <input type="checkbox"/>								
		20% - over <input type="checkbox"/>		Other <input type="checkbox"/>								
List any exception to items listed above:												
Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.												
Print or Type Name:		Generator <input type="checkbox"/> Consultant <input type="checkbox"/>		Signature and date:				Month		Day	Year	
X												
Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.												
Print or Type Name:		Signature and date:				Month		Day	Year			
X DARIN MOJANNEW						09		18	96			
Discrepancies:												
Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:												
Print or Type Name:		Signature and date:				Month		Day	Year			
RENEE AVELIND - CSM									9/18			

Please print or type.

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load # 011
-------------------	---------------------------------------	----------------------	--------------------	------------------------	---------------

Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.:
	Person to Contact: THERESA GEIJER - EXT. 224	
	FAX#: (206) 771-7796	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 2701 GREENWOOD AVENUE SEATTLE, WA 98102 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 224-8430	Facility Permit Numbers
	Person to Contact: Renea Avelino	
	FAX#: (206) 264-8309	

Transporter Name and Mailing Address: JLA CONSTRUCTION 7503 - 131st STREET COURT EAST PUYALLUP, WA 98373 USA	Transporter's Phone #: (206) 531-9571	Transporter's US EPA ID No.:
	Person to Contact: SCOTT TAHERICO	Transporter's DOT No.:
	FAX#: (206) 848-5961	Customer Account Number with TPS: 3JLACON

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			99000	37960	61040
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			30.52		

List any exception to items listed above:

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


Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month	Day	Year
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: DARIN MOILANEN	Signature and date: 	Month	Day	Year
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Discrepancies:

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

Print or Type Name: RENEE AVELINO - DSM	Signature and date:  - 9-18
--	--

Please print or type.

Manifest

TPS Technologies Soil Recycling Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load #: 012
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.:
	Person to Contact: THERESA GEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 584-8430	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 584-8309	

Transporter Name and Mailing Address: JLA CONSTRUCTION 7503 - 131st STREET COURT EAST PUYALLUP, WA 98373 USA	Transporter's Phone #: (206) 331-9571	Transporter's US EPA ID No.:
	Person to Contact: SCOTT TALERICO	Transporter's DOT No.:
	FAX#: (206) 948-5961	Customer Account Number with TPS: 3JLACUN

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			100800	38060	62740
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			3137		

List any exception to items listed above:

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

Print or Type Name: Generator Consultant Signature and date: _____ Month Day Year

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

Print or Type Name: **DARIN MOURANEV** Signature and date: _____ Month Day Year **09 19 96**

Recycling Facility Discrepancies:

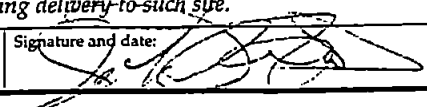

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: **RENEE AVELINO - CSM** Signature and date: _____ **9/19**

Manifest

TPS Technologies Soil Recycling Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load # 013				
Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #530 LYNNWOOD, WA 98037 USA			Generator's Phone #: (206) 774-6090		Generator's US EPA ID No.				
Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA			Person to Contact: THERESA GEIJER - EXT. 224		Customer Account Number with TPS: 1001513				
			FAX#: (206) 771-7786						
Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 00000 USA			Consultant's Phone #: (206) 227-0280						
			Person to Contact: JUAN MEYER		Customer Account Number with TPS: 1002230				
Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA			Site Phone #:		BTEX Levels				
			Person to Contact:		TPH Levels				
			FAX#:		AVG. Levels				
Transporter Name and Mailing Address: JLA CONSTRUCTION 7503 - 131st STREET COURT EAST PUYALLUP, WA 98375 USA			Facility Phone #: (206) 584-8430		Facility Permit Numbers				
			Person to Contact: Renee Avelino						
			FAX#: (206) 584-8309						
Transporter's Phone #: (206) 531-9571			Transporter's US EPA ID No.:						
			Person to Contact: SCOTT TALERICO		Transporter's DOT No.:				
			FAX#: (206) 846-3961		Customer Account Number with TPS: 531AC0N				
Description of Soil		Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight	
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>		0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			27320	12940	14380	
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>		0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			7.19			
List any exception to items listed above:									
Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.									
Print or Type Name: Generator <input type="checkbox"/> Consultant <input type="checkbox"/>			Signature and date:			Month	Day	Year	
X									
Transporter	Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.								
	Print or Type Name: JOHN FELDBUSM			Signature and date: 			Month	Day	Year
						9	19	96	
Recycling Facility	Discrepancies:								
	Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:								
Print or Type Name: RENEE AVELINO - DSM			Signature and date: 					9/19	

Please print or type.

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load # 014
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Generator's Name and Billing Address: TEXACO ENRS 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.
	Person to Contact: THERESA BEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 534-8430	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 534-8309	

Transporter Name and Mailing Address: JLA CONSTRUCTION 7303 - 131st STREET COURT EAST PUYALLUP, WA 98373 USA	Transporter's Phone #: (206) 511-9571	Transporter's US EPA ID No.:
	Person to Contact: SCOTT TALERICO	Transporter's DOT No.:
	FAX#: (206) 848-5961	Customer Account Number with TPS: JLACON

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			56960	26160	30800
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			15.40		

List any exception to items listed above:

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

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

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

Print or Type Name:	Signature and date:	Month	Day	Year
		9	19	06

Discrepancies:

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

Print or Type Name:	Signature and date:
RENEE AVELINO - DSM	

Please print or type.

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load # 015
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Generator's Name and Billing Address: TEXACO EH&E 3400 - 186th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.
	Person to Contact: THERESA GEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2900 - 104th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 584-8430	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 584-8309	

Transporter Name and Mailing Address: JLA CONSTRUCTION 7503 - 131st STREET COURT EAST PUYALLUP, WA 98373 USA	Transporter's Phone #: (206) 531-9571	Transporter's US EPA ID No.:
	Person to Contact: SCOTT TALERICO	Transporter's DOT No.:
	FAX#: (206) 348-3961	Customer Account Number with TPS: JLACON

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			97940	38060	59880
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			29.94		

List any exception to items listed above:

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

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

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

Print or Type Name:	Signature and date:	Month	Day	Year
DARIN MOILAWEN		09	19	96

Discrepancies:

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

Print or Type Name:	Signature and date:
RENEE AVELINO - CSM	9/19

Please print or type.

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load # 016			
Generator's Name and Billing Address: TEXACO EH&S 3400 - 189th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA			Generator's Phone #: (206) 774-6090		Generator's US EPA ID No.			
			Person to Contact: THERESA BEIJER - EXT. 224					
			FAX#: (206) 771-7786		Customer Account Number with TPS: 1001513			
Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA			Consultant's Phone #: (206) 227-0290					
			Person to Contact: JOHN MEYER					
			FAX#: (206) 227-0225		Customer Account Number with TPS: 1002230			
Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 00000 USA			Site Phone #:		BTEX Levels			
			Person to Contact:		TPH Levels			
			FAX#:		AVG. Levels			
Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA			Facility Phone #: (206) 584-5430		Facility Permit Numbers			
			Person to Contact: Renee Avelino					
			FAX#: (206) 584-8309					
Transporter Name and Mailing Address: JLA CONSTRUCTION 7503 - 131st STREET COURT EAST BUYALLUP, WA 98373 USA			Transporter's Phone #: (206) 531-9571		Transporter's US EPA ID No.:			
			Person to Contact: SCOTT TALERICO		Transporter's DOT No.:			
			FAX#: (206) 848-5961		Customer Account Number with TPS: 5JLACUN			
Description of Soil		Molsture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>		0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			74930	32800	42120
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>		0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			21.06		
List any exception to items listed above:								
Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.								
Print or Type Name: Generator <input checked="" type="checkbox"/> Consultant <input type="checkbox"/>			Signature and date:			Month	Day	Year
X								
Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.								
Print or Type Name: JOHN FOLDSIA			Signature and date:			Month	Day	Year
						9	19	98
Discrepancies:								
Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:								
Print or Type Name: RENEE AVELINO - CSM			Signature and date:					
						9/19		

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load #: 019
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.
	Person to Contact: THERESA BEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 827-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 827-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 6701 GREENWOOD AVENUE SEATTLE, WA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 124th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 384-8430	Facility Permit Numbers
	Person to Contact: Renea Avelino	
	FAX#: (206) 584-8309	

Transporter Name and Mailing Address: JLA CONSTRUCTION 7503 - 131st STREET COURT EAST PUYALLUP, WA 98373 USA	Transporter's Phone #: (206) 531-9371	Transporter's US EPA ID No.:
	Person to Contact: SCOTT TALERICO	Transporter's DOT No.:
	FAX#: (206) 848-5961	Customer Account Number with TPS: 3JLADON

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			9988	3860	6120
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			30.91		

List any exception to items listed above:

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

Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month	Day	Year
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
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Discrepancies: Load # 011 WAS DUPLICATED BY ACCIDENT. Load # 019 WAS GENERATED FOR THE DUP. LOAD.

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

Print or Type Name: RENEE AVELINO - DSM	Signature and date: <i>Renea Avelino</i> 9/19
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Please print or type.

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load #: 017
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-5090	Generator's US EPA ID No.:
	Person to Contact: THERESA BEIJER - EXT. 224	
	FAX#: (206) 771-7785	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 98108 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2000 - 104th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 584-8430	Facility Permit Numbers
	Person to Contact: Renea Avelino	
	FAX#: (206) 584-8309	

Transporter Name and Mailing Address: JLA CONSTRUCTION 7503 - 131st STREET COURT EAST PUYALLUP, WA 98373 USA	Transporter's Phone #: (206) 531-9571	Transporter's US EPA ID No.:
	Person to Contact: SCOTT TALERICO	Transporter's DOT No.:
	FAX#: (206) 848-5961	Customer Account Number with TPS: 3JLACDN

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			53740	40540	13200
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			6.60		

List any exception to items listed above:

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

Print or Type Name: Generator Consultant Signature and date: _____ Month Day Year

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

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

Recycling Facility
Discrepancies:

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

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

Please print or type.

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load # 018
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.
	Person to Contact: THERESA GEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 327-0200	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 327-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6736 USA	Facility Phone #: (206) 584-8400	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 584-8309	

Transporter Name and Mailing Address: JLA CONSTRUCTION 7503 - 131st STREET COURT EAST PUYALLUP, WA 98373 USA	Transporter's Phone #: (206) 531-9571	Transporter's US EPA ID No.:
	Person to Contact: SCOTT TALERICO	Transporter's DOT No.:
	FAX#: (206) 848-5961	Customer Account Number with TPS: 3JLACON

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			96540	38280	58260
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			29.13		

List any exception to items listed above:

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

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

Transporter	Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.
	Print or Type Name: <i>DARIN MILKREIN</i> Signature and date: <i>[Signature]</i> Month Day Year: 9 20 96

Recycling Facility	Discrepancies: <i>A HAND PRINTED MANIFEST WAS ISSUED BY THE ASSIST. PLANT MANAGER. PRINTED MANIFEST GENERATED AFTER TRUCK HAD LEFT PLANT.</i>
	Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:
	Print or Type Name: RENE E AVELINO - DSM Signature and date: <i>[Signature]</i> 9/20

Please print or type.

Manifest

TPS Technologies Soil Recycling Non-Hazardous Soils

↓ Manifest # ↓

Load #
118

Generator and/or Consultant

Date of Shipment:	Responsible for Payment:	Transporter Truck #:	Facility #:	Given by TPS:	Load #
Generator's Name and Billing Address: TEXACO EHE'S 3400 - 188 th STREET SW - SUITE # 630 LYNNWOOD, WA. 98037		Generator's Phone #: (206) 774-6090		Generator's US EPA ID No.:	
Consultant's Name and Billing Address: ERI 1921 EDMUNDS DRIVE SE RENTON, WA 98055 USA		Consultant's Phone #: (206) 227-0280		Customer Account Number with TPS: 1001513	
Generation Site (Transport from): (name & address) TEXACO # 63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 98106 USA		Site Phone #:		BTEX Levels	
Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 2800 104 th STREET COURT SO. TACOMA, WA. 98444-6766		Facility Phone #: (206) 584-8430		Facility Permit Numbers	
Transporter Name and Mailing Address: JLA CONSTRUCTION 7503 - 131 st STREET COURT E. PUYALLUP, WA 98373		Transporter's Phone #: (206) 531-9571		Transporter's US EPA ID No.:	
		Person to Contact: SCOTT TALERICO		Transporter's DOT No.:	
		FAX#: (206) 848-5961		Customer Account Number with TPS: 3JLA CON	

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			96540	38280	58260
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			21.13		

List any exception to items listed above:

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

Print or Type Name: Generator Consultant Signature and date: _____ Month: _____ Day: _____ Year: _____

Transporter

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

Print or Type Name: TARIIN MOILANEN Signature and date: _____ Month: 09 Day: 20 Year: 96

Recycling Facility

Discrepancies:

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

Print or Type Name: _____ Signature and date: _____ 9/20/96

Please print or type.

Customer Job Report

Gross & Tare Weight Codes: M=Manual; S=Scale; T=Trk File

Job Number Name	SiteAddress	SiteCity	State	ZipCode
A03 -- 00623 TEXACO #63-232-0037	8701 GREENWOOD AVENUE	SEATTLE	WA	00000

Load #	Date & Time Out	Transporter #	Truck & Trailer Number	Gross (lb)	Tare (lb)	Net (lb)	Net Wt (tons)
20	10/03/96 08:29	3ESECOR	REX	114,120M	41,300M	72,820	36.41
21	10/03/96 08:31	3ESECOR	JOHN	84,300M	33,280M	51,020	25.51
22	10/03/96 08:32	3ESECOR	KIRK	103,420M	35,960M	67,460	33.73
24	10/03/96 08:33	3ESECOR	REX	111,720M	40,540M	71,180	35.59
23	10/03/96 08:42	3ESECOR	GREG	105,860M	36,040M	69,820	34.91
25	10/03/96 08:43	3ESECOR	JOHN	76,300M	33,280M	43,020	21.51
26	10/03/96 08:43	3ESECOR	KIRK	91,360M	35,960M	55,400	27.70
27	10/03/96 08:45	3ESECOR	GREG	99,360M	36,040M	63,320	31.66
28	10/04/96 09:09	3ESECOR	REX	105,080M	40,540M	64,540	32.27
29	10/04/96 09:10	3ESECOR	GREG	109,040M	36,040M	73,000	36.50
30	10/04/96 09:10	3ESECOR	KIRK	108,740M	35,960M	72,780	36.39
32	10/04/96 09:12	3ESECOR	DARIN	100,700M	38,240M	62,460	31.23
31	10/04/96 09:12	3ESECOR	GREG	109,200M	36,040M	73,160	36.58

Completed Loads	Manifests Received	Completed Weight	Estimated Weight	TOTAL Net Wt:
67.50%	27	13,954.80%	5.00(tons)	419.99(tons)

Manifest

TPS Technologies Soil Recycling Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load # 030
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.
	Person to Contact: THERESA GEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 98108 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2900 - 104th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 584-8430	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 584-9309	

Transporter Name and Mailing Address: ESE CORPORATION 11011 WALLER ROAD EAST TACOMA, WA 98446 USA	Transporter's Phone #: (206) 538-3112	Transporter's US EPA ID No.:
	Person to Contact: WEB JOHNSON	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS: 3ESECOR

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			114120	41300	72820
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			36141		

List any exception to items listed above:

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

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

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

Print or Type Name:	Signature and date:	Month	Day	Year
WEB JOHNSON		10	3	96

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:	
Print or Type Name:	Signature and date:
RENEE AVELINO - CSM	

X 4300

Manifest

TPS Technologies Soil Recycling Non-Hazardous Soils

Manifest #

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load #: 021
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.:
	Person to Contact: THERESA GEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0230	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 98108 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 584-8430	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 584-8309	

Transporter Name and Mailing Address: ESE CORPORATION 11011 WALLER ROAD EAST TACOMA, WA 98446 USA	Transporter's Phone #: (206) 535-3112	Transporter's US EPA ID No.:
	Person to Contact: WES JOHNSON	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS: 3ESECOR

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input checked="" type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			21300	33280	51020
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			25.51		

List any exception to items listed above:

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

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

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

Print or Type Name:	Signature and date:	Month	Day	Year
JOHN FERDBUS		10	3	96

Discrepancies:

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

Print or Type Name:	Signature and date:
RENEE AVELINO - DSM	

Please print or type.

103420

Manifest

TPS Technologies Soil Recycling
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment: -	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load #: 022
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.:
	Person to Contact: THERESA BEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0290	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-8788 USA	Facility Phone #: (206) 524-8430	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 524-8309	

Transporter Name and Mailing Address: ESE CORPORATION 11011 WALLER ROAD EAST TACOMA, WA 98446 USA	Transporter's Phone #: (206) 535-3112	Transporter's US EPA ID No.:
	Person to Contact: WES JOHNSON	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS: 3E3E0R

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			103460	35960	67460
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			33.73		

List any exception to items listed above:

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

Print or Type Name: Generator <input checked="" type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month Day Year
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

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

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:	
Print or Type Name: RENEE AVELINO - CSM	Signature and date: R.N.

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

105860

TPS Technologies Soil Recycling

Non-Hazardous Soils

Manifest #

Manifest

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load #: 023
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.
	Person to Contact: THERESA GEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1321 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 3701 GREENWOOD AVENUE SEATTLE, WA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 584-8430	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 584-8309	

Transporter Name and Mailing Address: ESE CORPORATION 11011 WALLER ROAD EAST TACOMA, WA 58446 USA	Transporter's Phone #: (206) 535-3112	Transporter's US EPA ID No.:
	Person to Contact: WES JOHNSON	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS: 3ESECOR

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			105860	26040	69820
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			349		

List any exception to items listed above:

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

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

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

Print or Type Name: Green Smith	Signature and date:	Month	Day	Year
		10	3	96

Discrepancies:

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

Print or Type Name: RENEE AVELINO - OSM	Signature and date:	
		10/3

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

Manifest

TPS Technologies Soil Recycling Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment: _____ Responsible for Payment: **Generator** Transporter Truck #: _____ Facility #: **A03** Given by TPS: **00623** Load #: **024**

Generator's Name and Billing Address: **TEXACO EH&S**
3400 - 188th STREET SW - SUITE #630
LYNNWOOD, WA 98037 USA

Generator's Phone #: **(206) 774-6090**
 Person to Contact: **THERESA DEIJER - EXT. 224**
 FAX#: **(206) 771-7786**

Generator's US EPA ID No.: _____
 Customer Account Number with TPS: **1001513**

Consultant's Name and Billing Address: **ERI**
1921 EDMONDS DRIVE SE
RENTON, WA 98055 USA

Consultant's Phone #: **(206) 227-0280**
 Person to Contact: **JOHN MEYER**
 FAX#: **(206) 227-0225**

Customer Account Number with TPS: **1002230**

Generation Site (Transport from): (name & address)
TEXACO #63-232-0037
8701 GREENWOOD AVENUE
SEATTLE, WA 00000 USA

Site Phone #: _____
 Person to Contact: _____
 FAX#: _____

BTEX Levels: _____
 TPH Levels: _____
 AVG. Levels: _____

Designated Facility (Transport to): (name & address)
TPS Technologies Inc.
2300 - 104th Street Court South
Tacoma, WA 98444-6766 USA

Facility Phone #: **(206) 534-8430**
 Person to Contact: **Renee Avelino**
 FAX#: **(206) 534-8309**

Facility Permit Numbers: _____

Transporter Name and Mailing Address:
ESE CORPORATION
11011 WALLER ROAD EAST
TACOMA, WA 98446 USA

Transporter's Phone #: **(206) 535-3112**
 Person to Contact: **WES JOHNSON**
 FAX#: _____

Transporter's US EPA ID No.: _____
 Transporter's DOT No.: _____
 Customer Account Number with TPS: **3ESECOR**

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			111720	40540	71180
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			35.59		

List any exception to items listed above:

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

Print or Type Name: _____ Generator Consultant Signature and date: _____ Month _____ Day _____ Year _____

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

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

Discrepancies:

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

Print or Type Name: **RENEE AVELINO - CSM** Signature and date: _____ Month _____ Day _____ Year _____

Please print or type.

Manifest

TPS Technologies Soil Recycling Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:		Responsible for Payment: Generator		Transporter Truck #:		Facility #: A03		Given by TPS: 00623		Load # 025				
Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA						Generator's Phone #: (206) 774-6090		Generator's US EPA ID No.						
						Person to Contact: THERESA BEIJER - EXT. 224		Customer Account Number with TPS: 1001513						
						FAX#: (206) 771-7786								
Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA						Consultant's Phone #: (206) 227-0280		Customer Account Number with TPS: 1002230						
						Person to Contact: JOHN MEYER								
						Generation Site (Transport from): (name & address) TEXACO #63-232-0037 3701 GREENWOOD AVENUE SEATTLE, WA 00000 USA						Site Phone #:		BTEX Levels
												Person to Contact:		TPH Levels
						Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA						FAX#: (206) 227-0225		AVG. Levels
												Facility Phone #: (206) 584-8430		Facility Permit Numbers
						Transporter Name and Mailing Address: ESE CORPORATION 11011 WALLER ROAD EAST TACOMA, WA 98446 USA						Person to Contact: Renee Avelino		Customer Account Number with TPS: 3ESECOR
												FAX#: (206) 584-8309		
												Transporter's Phone #: (206) 535-3112		Transporter's US EPA ID No.:
												Person to Contact: WES JOHNSON		Transporter's DOT No.:
												FAX#:		
Description of Soil		Moisture Content		Contaminated by:								Approx. Qty:		Description of Delivery
Sand <input type="checkbox"/> Organic <input type="checkbox"/>		0 - 10% <input type="checkbox"/>		Gas <input type="checkbox"/>						76300	33280	43020		
Clay <input type="checkbox"/> Other <input type="checkbox"/>		10 - 20% <input type="checkbox"/>		Diesel <input type="checkbox"/>										
		20% - over <input type="checkbox"/>		Other <input type="checkbox"/>										
Sand <input type="checkbox"/> Organic <input type="checkbox"/>		0 - 10% <input type="checkbox"/>		Gas <input type="checkbox"/>							21.547.			
Clay <input type="checkbox"/> Other <input type="checkbox"/>		10 - 20% <input type="checkbox"/>		Diesel <input type="checkbox"/>										
		20% - over <input type="checkbox"/>		Other <input type="checkbox"/>										
List any exception to items listed above:														
Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.														
Print or Type Name: X JOHN F.						Generator <input type="checkbox"/> Consultant <input type="checkbox"/>			Signature and date:			Month	Day	Year
Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.														
Print or Type Name: JOHN FOLDBUSH						Signature and date:			Month	Day	Year			
Discrepancies:														
Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:														
Print or Type Name: RENEE AVELINO - CSM						Signature and date:			Month	Day	Year			

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

Manifest

TPS Technologies Soil Recycling Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load #: 026
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.:
	Person to Contact: THERESA BEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 2701 GREENWOOD AVENUE SEATTLE, WA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 584-8430	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 584-9309	

Transporter Name and Mailing Address: ESE CORPORATION 11011 WALLER ROAD EAST TACOMA, WA 98446 USA	Transporter's Phone #: (206) 533-3112	Transporter's US EPA ID No.:
	Person to Contact: WES JOHNSON	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS: 3ESECOR

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>		P.C.S.	71360	35960	55400
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			27.70		

List any exception to items listed above:

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

Print or Type Name: X	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date: 	Month: Day: Year:
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: 	Signature and date: Kirk	Month: Day: Year: 10 3 11
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Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:	
Print or Type Name: RENEE AVELINO - CSM	Signature and date: 10/3

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load #: 027
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.
	Person to Contact: THERESA BEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2200 - 104th Street Court South Tacoma, WA 98444-6756 USA	Facility Phone #: (206) 584-8420	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 584-8309	

Transporter Name and Mailing Address: ESE CORPORATION 11011 WALLER ROAD EAST TACOMA, WA 98446 USA	Transporter's Phone #: (206) 535-3112	Transporter's US EPA ID No.:
	Person to Contact: WES JOHNSON	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS: 3ESECOR

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			79360	36040	63320
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			31.664		

List any exception to items listed above:

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

Print or Type Name: Generator Consultant Signature and date: _____ Month | Day | Year

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

Print or Type Name: Greg Smith Signature and date: _____ Month | Day | Year

Discrepancies:

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

Print or Type Name: RENEE AVELINO - CSM Signature and date: _____ 10/3/96

Please print or type.

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00523	Load # 039			
Generator's Name and Billing Address: TEXACO EH&S 3420 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA			Generator's Phone #: (206) 774-6090		Generator's US EPA ID No.			
			Person to Contact: THERESA BEIJER - EXT. 224					
			FAX#: (206) 771-7786		Customer Account Number with TPS: 1001513			
Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA			Consultant's Phone #: (206) 227-0280					
			Person to Contact: JOHN MEYER					
			FAX#: (206) 227-0225		Customer Account Number with TPS: 1002230			
Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 98102 USA			Site Phone #:		BTEX Levels			
			Person to Contact:		TPH Levels			
			FAX#:		AVG. Levels			
Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA			Facility Phone #: (206) 384-8430		Facility Permit Numbers			
			Person to Contact: Ranee Avelino					
			FAX#: (206) 534-8309					
Transporter Name and Mailing Address: ESE CORPORATION 11011 WALLER ROAD EAST TACOMA, WA 98446 USA			Transporter's Phone #: (206) 535-3112		Transporter's US EPA ID No.:			
			Person to Contact: WES JOHNSON		Transporter's DOT No.:			
			FAX#:		Customer Account Number with TPS: 3ESECOR			
Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight	
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			105080	40540	64540	
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			32.27			
List any exception to items listed above:								
Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.								
Print or Type Name: Generator <input checked="" type="checkbox"/> Consultant <input type="checkbox"/>			Signature and date:			Month	Day	Year
X								
Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.								
Print or Type Name:			Signature and date:			Month	Day	Year
Wes Johnson						10	4	96
Discrepancies:								
Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:								
Print or Type Name:			Signature and date:					
RENEE AVELIND - CSM								

Please print or type.

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load #: 089
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.:
	Person to Contact: THERESA BEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 584-8430	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 584-8309	

Transporter Name and Mailing Address: ESE CORPORATION 11011 WALLER ROAD EAST TACOMA, WA 98446 USA	Transporter's Phone #: (206) 533-3112	Transporter's US EPA ID No.:
	Person to Contact: WES JOHNSON	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS: 3ESECOR

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			109040	36040	73000
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			36040		

List any exception to items listed above:

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

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

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

Print or Type Name:	Signature and date:	Month	Day	Year
Gres Smith	[Signature]	10	4	96

Discrepancies:

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

Print or Type Name:	Signature and date:
RENEE AVELINO - DSM	[Signature]

Please print or type.

Manifest

TPS Technologies Soil Recycling Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:		Responsible for Payment: Generator		Transporter Truck #:		Facility #: A03		Given by TPS: 00623		Load # 030															
Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA						Generator's Phone #: (206) 774-6090		Generator's US EPA ID No.																	
						Person to Contact: THERESA GEIJER - EXT. 224		Customer Account Number with TPS: 1001513																	
						FAX#: (206) 771-7786																			
Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA						Consultant's Phone #: (206) 227-0280		Customer Account Number with TPS: 1002230																	
						Person to Contact: JOHN MEYER																			
						Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 00000 USA						Site Phone #:		BTEX Levels		TPH Levels									
												Person to Contact:		AVG. Levels											
						Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA						Facility Phone #: (206) 324-8430		Facility Permit Numbers											
												Person to Contact: Renee Avelino													
						Transporter Name and Mailing Address: ESE CORPORATION 11011 WALLER ROAD EAST TACOMA, WA 98446 USA						Facility Phone #: (206) 324-8309		Facility Permit Numbers											
												Person to Contact: WES JOHNSON													
												FAX#:		Customer Account Number with TPS: 3ESECOR											
Transporter's Phone #: (206) 535-3112		Transporter's US EPA ID No.:		Transporter's DOT No.:								Customer Account Number with TPS: 3ESECOR													
Person to Contact: WES JOHNSON		FAX#:		Description of Soil		Moisture Content		Contaminated by:		Approx. Qty:		Description of Delivery		Gross Weight		Tare Weight		Net Weight							
Sand <input type="checkbox"/> Organic <input type="checkbox"/>		10 - 20% <input type="checkbox"/>		Gas <input type="checkbox"/>		0 - 10% <input type="checkbox"/>		Diesel <input type="checkbox"/>						108740		35960		12780							
Clay <input type="checkbox"/> Other <input type="checkbox"/>		20% - over <input type="checkbox"/>		Other <input type="checkbox"/>		0 - 10% <input type="checkbox"/>		Diesel <input type="checkbox"/>						36.39											
Sand <input type="checkbox"/> Organic <input type="checkbox"/>		10 - 20% <input type="checkbox"/>		Gas <input type="checkbox"/>		0 - 10% <input type="checkbox"/>		Diesel <input type="checkbox"/>																	
Clay <input type="checkbox"/> Other <input type="checkbox"/>		20% - over <input type="checkbox"/>		Other <input type="checkbox"/>		0 - 10% <input type="checkbox"/>		Diesel <input type="checkbox"/>																	
List any exception to items listed above:																									
Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.																									
Print or Type Name:										Generator <input checked="" type="checkbox"/> Consultant <input type="checkbox"/>					Signature and date:					Month		Day		Year	
Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.																									
Print or Type Name:										Signature and date:					Month		Day		Year						
															10		5		96						
Discrepancies:																									
Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:																									
Print or Type Name:										Signature and date:															
RENEE AVELINO - CSM																									

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

100700

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load # 032
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.
	Person to Contact: THERESA BEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #53-232-0037 3701 GREENWOOD AVENUE SEATTLE, WA 98107 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2900 - 104th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 534-8430	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 584-8309	

Transporter Name and Mailing Address: ESE CORPORATION 11011 WALLER ROAD EAST TACOMA, WA 98446 USA	Transporter's Phone #: (206) 535-3112	Transporter's US EPA ID No.:
	Person to Contact: WES JOHNSON	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS: 3E5E00R

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			100700	38240	62460
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			31.23		

List any exception to items listed above:

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

Print or Type Name: D. HAN	Generator <input checked="" type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date: MOILANEN	Month Day Year
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date: <i>[Signature]</i>	Month Day Year 10 4 96
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Discrepancies:

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

Print or Type Name: RENEE AVELINO - CSM	Signature and date: <i>[Signature]</i>
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Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A03	Given by TPS: 00623	Load #: 031
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Generator's Name and Billing Address: TEXACO EH&S 3400 - 188th STREET SW - SUITE #630 LYNNWOOD, WA 98037 USA	Generator's Phone #: (206) 774-6090	Generator's US EPA ID No.:
	Person to Contact: THERESA GEIJER - EXT. 224	
	FAX#: (206) 771-7786	Customer Account Number with TPS: 1001513

Consultant's Name and Billing Address: ERI 1921 EDMONDS DRIVE SE RENTON, WA 98055 USA	Consultant's Phone #: (206) 227-0280	
	Person to Contact: JOHN MEYER	
	FAX#: (206) 227-0225	Customer Account Number with TPS: 1002230

Generation Site (Transport from): (name & address) TEXACO #63-232-0037 8701 GREENWOOD AVENUE SEATTLE, WA 98100 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Tacoma, WA 98444-6766 USA	Facility Phone #: (206) 584-8430	Facility Permit Numbers
	Person to Contact: Renee Avelino	
	FAX#: (206) 584-8309	

Transporter Name and Mailing Address: ESE CORPORATION 11011 WALLER ROAD EAST TACOMA, WA 98446 USA	Transporter's Phone #: (206) 535-3112	Transporter's US EPA ID No.:
	Person to Contact: WES JOHNSON	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS: 3ESECOR

Description of Soil	Molsture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			109200	36040	73160
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			30.58		

List any exception to items listed above:

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

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

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

Print or Type Name:	Signature and date:	Month	Day	Year
Greg Smith	[Signature]	10	4	96

Discrepancies:

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

Print or Type Name:	Signature and date:
RENEE AVELINO - CSM	[Signature]

Please print or type.

APPENDIX C

METRO DISCHARGE AUTHORIZATION

King County
Water Pollution Control Division
Industrial Waste Program
Department of Natural Resources
130 Nickerson Street, Suite 200
Seattle, WA 98109-1658

Post-it* Fax Note		7671	Date	# of pages
To	John Meyer		From	Horse Coe
Co./Dept.	EKI		Co.	King County
Phone #	227-0280		Phone #	689-3017
Fax #	227-0225		Fax #	689-3001

September 11, 1996

Robert E. Bayley Construction, Inc.
205 Columbia Street
P.O. Box 4567
Seattle, WA 98104-0567

Authorization to Discharge to the Sanitary Sewer

Dear Mr. Bayley:

The King County Department of Natural Resources' Industrial Waste Program has reviewed the September 6, 1996, letter requesting authorization to discharge groundwater pumped from the former Texaco Facility #63-232-0037 located at 8701 Greenwood Avenue North, Seattle, Washington to the sanitary sewer. King County grants approval for the discharge of up to 1000 gpd of groundwater for up to one month provided that: Kami Wong of Seattle Drainage and Wastewater (684-7774) is notified to allow for assessment of sewer charges; and the discharge criteria outlined in the following paragraphs are met. There is no fee for this authorization.

This authorization permits you to discharge limited amounts of groundwater into the King County sewer system in accordance with the regulations outlined in King County Code 28.84.060 and Ordinance No. 11034 (enclosed) and the following discharge criteria:

Discharge Limitations

<u>Constituent</u>	<u>Maximum Concentration, ppm</u>
Benzene	0.13
Toluene	1.5
Ethylbenzene	1.4
Nonpolar Fats, Oil & Grease (Nonpolar FOG)	10
Lead	4.0

Operating Procedures

- a) There shall be no pronounced odor of solvent or gasoline.
- b) There shall be no pronounced oil sheen or unusual color.
- c) There shall be no pronounced hydrogen sulfide (rotten egg) odor.
- d) There shall be no visibly pronounced turbidity; the discharge must remain translucent.

King County will expect operators on site to pay close attention to these operating procedures whenever discharge to the sanitary sewer is occurring. If any of the discharge limits or operating criteria are exceeded, you must stop discharging and notify the King County Industrial Waste Section at 689-3000.

The formal requirements and fees of a full wastewater permit will not be required as long as you maintain good compliance and do not change the nature and volume of your discharge.

Changes to, or additions at, this facility may cause us to reassess this decision and require that you obtain a full wastewater discharge permit. If you propose to substantially increase the volume of your discharge or change the type and quantities of substances discharged, you must submit a new waste discharge permit application to King County. State law requires that such application for a permit be made a minimum of sixty (60) days before starting a new discharge. Therefore, to avoid delays, please time your submittal accordingly.

King County Industrial Waste staff want to help you stay in compliance with our regulations. If at any time you have questions about this authorization, or other questions about your discharge, please do not hesitate to call me at 689-3017.

Sincerely,



Horace Lee
Senior Industrial Waste Investigator
Department of Natural Resource, Business Outreach Unit

Enclosure

cc: Doug Knutson, Department of Ecology
Kami Wong, City of Seattle
Doug Hilderbrand, King County

I:ALHEVDGWTEK