Industrial Compliance

9719 Lincoln Village Drive, Suite 310 Sacramento, CA 95827 916/369-8971 FAX 916/369-8370

January 17, 1994

IC Project Nos. 05100535

Ms. Jennifer Eberle
Alameda County Health Care Services Agency
Department of Environmental Health
Division of Hazardous Materials
80 Swan Way, Room 350
Oakland, California 94621

VIA OVERNIGHT MAIL

94 JAN 18 PM 3:05
ALCO
HAZMAT

Re: Submittal of Preliminary Soil Investigation Report
Southern Pacific Transportation Company
1399 Wood Street - Oakland, California

Dear Ms. Eberle:

Industrial Compliance (IC), on behalf of Southern Pacific Transportation Company (SPTCo), has prepared the attached Preliminary Soil Investigation Report for the SPTCo property located at 1399 Wood Street, Oakland, California. Please review this report at your earliest convenience and provide IC with any comments or questions you may have.

If you should have any further questions regarding this information, or if you would like to discuss this in greater detail, please do not hesitate to contact either of the undersigned at your earliest convenience at (916) 369-8971.

Sincerely,

INDUSTRIAL COMPLIANCE

James G. Jensen, R.G.
Project Geologist

Mark S. Dockum, C.E.G.
Project Manager

JGJ/MSD/dao

Attachment

cc: Mr. John Moe, Southern Pacific Transportation Company (with attachment)
Mr. Darrell Maxey, Oakland Program Office (with attachment)
Mr. R. Webb Garey, Industrial Compliance (without attachment)
Mr. Steve Lange, Industrial Compliance (without attachment)

i880-079/ltr/01-17-94/u/mdocku/i-880/letters

Industrial Compliance

9719 Lincoln Village Drive, Suite 310 Sacramento, CA 95827 916/369-8971 FAX 916/369-8370

1-17-94 Std 3824

PRELIMINARY SOIL INVESTIGATION REPORT

Southern Pacific Transportation Company
1399 Wood Street
Oakland, California

IC Project No. 05100535

Prepared For:

Southern Pacific Transportation Company
One Market Plaza
San Francisco, CA 94105

January 17, 1994

PRELIMINARY
SOIL INVESTIGATION REPORT

Southern Pacific Transportation Company
1399 Wood Street
Oakland, California

Prepared By:

James G. Jensen, R.G.
Project Geologist

Reviewed By:

Mark S. Dockum, C.E.G.
Project Manager

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FIGURES

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FIGURES (continued)

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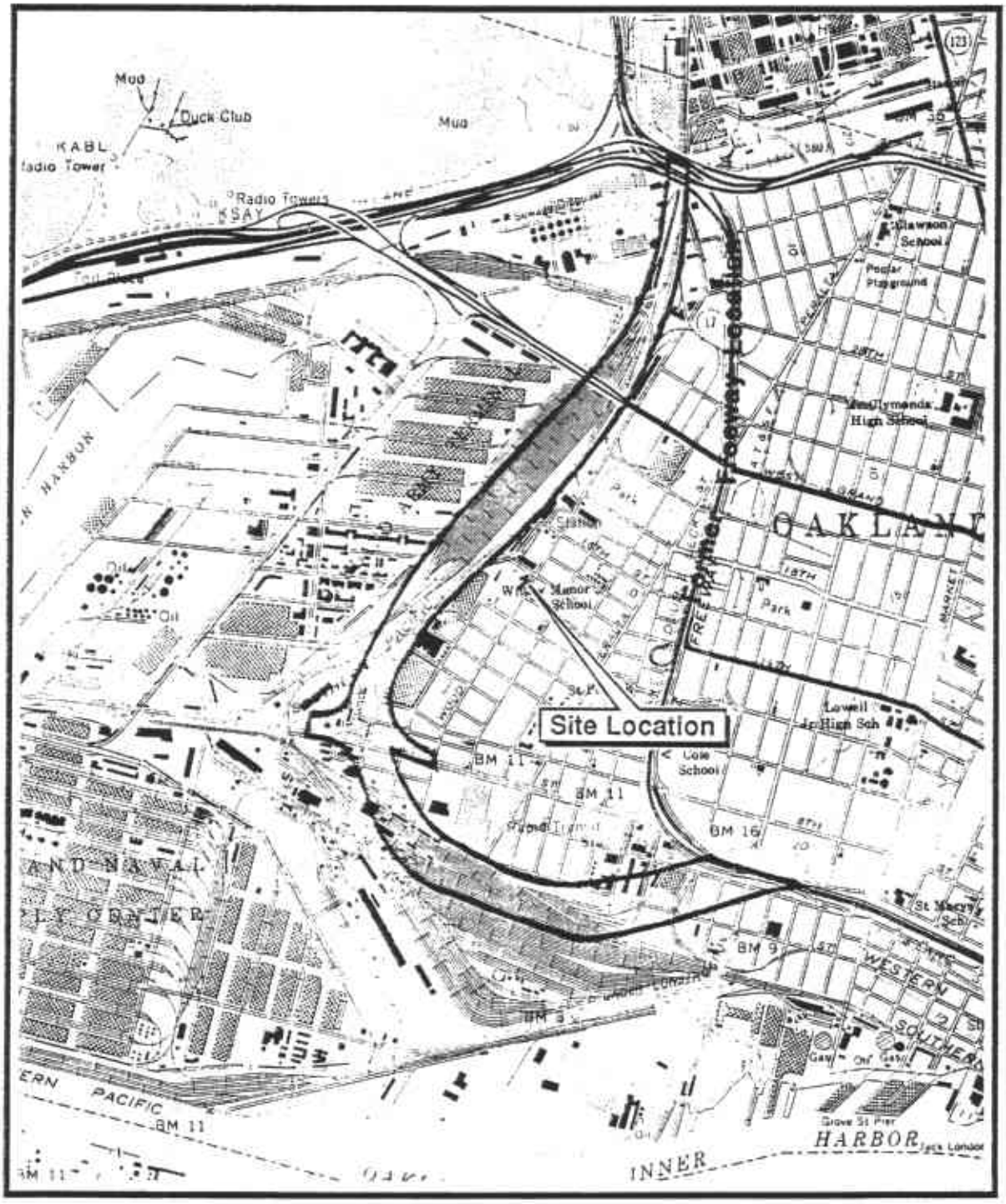
APPENDICES

1.0 INTRODUCTION

Industrial Compliance (IC), on behalf of Southern Pacific Transportation Company (SPTCo), has performed a preliminary soil investigation and disposition of soil stockpiles at the SPTCo property located at 1399 Wood Street in Oakland, California. Figure 1 shows the site location map. The soil investigation was performed October 22 and 23, 1992 in accordance with a workplan dated June 11, 1992 (entitled: *Preliminary Soil Investigation Workplan, Southern Pacific Transportation Company, 1399 Wood Street, Oakland, California*). Disposition of previously stockpiled soil was conducted during March and April, 1993. The site was formerly the location of 3 underground fuel storage tanks. ✓

removed 9-14-89



Reference:
USGS 7.5 Minute Topographic Map
Oakland West Quadrangle
California

Approximate Scale in Feet
0 2000'

Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.	SITE LOCATION MAP SOUTHERN PACIFIC TRANSPORTATION COMPANY 1399 WOOD STREET OAKLAND, CALIFORNIA	Figure: 1
Project No.: 05100535	Date: 10/25/93	Page No.: 2
Drawn By: Dennis Hollenberg	Checked By: James G. Jensen	Scale: as shown

05100539 Fig 01/disk 228/SI WP 1093

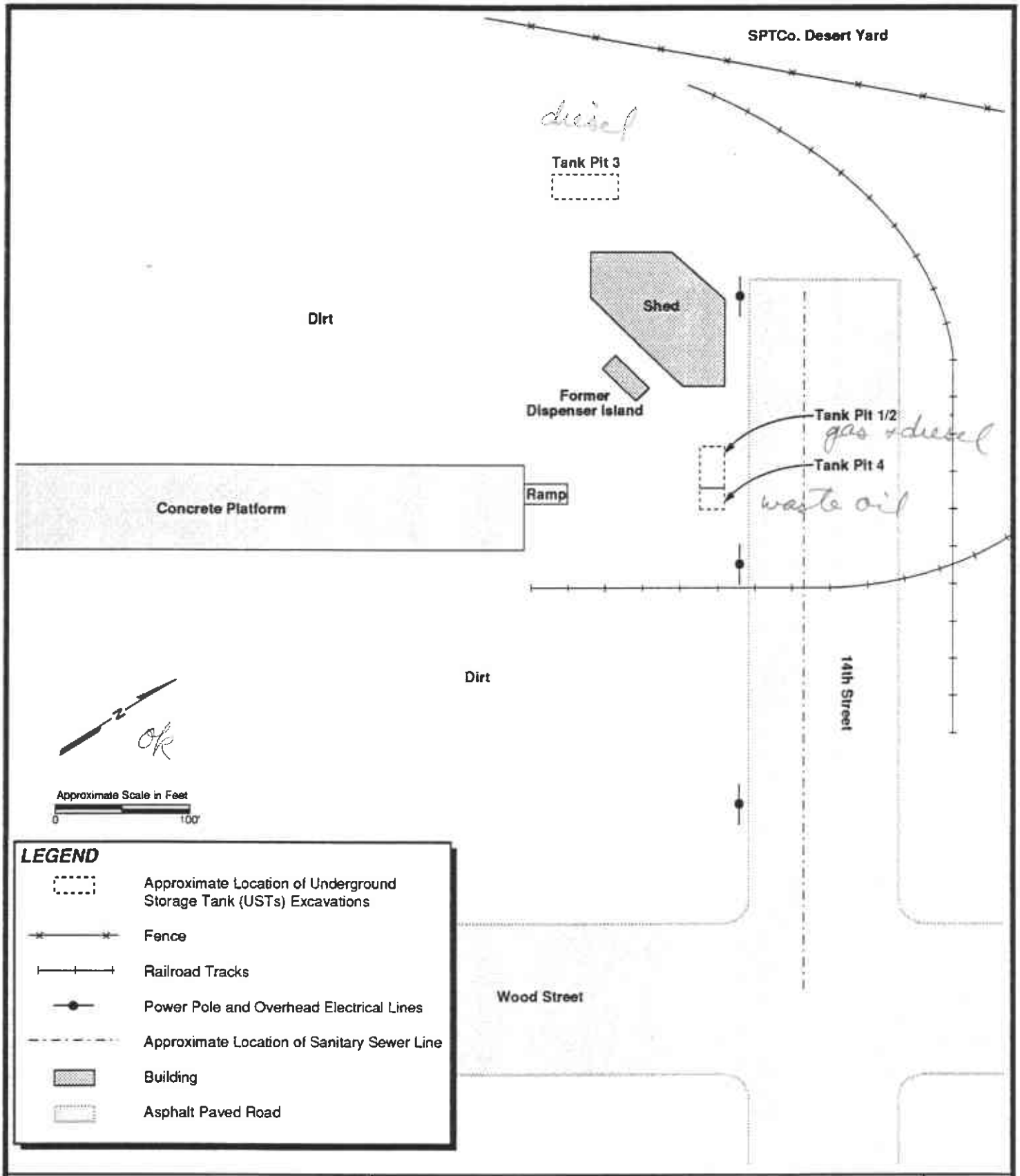
2.0 BACKGROUND

The site is located at 1399 Wood Street in Oakland, California (see Figure 2).

In September, 1989, Canonie Environmental Services Corporation (Canonie) removed 3 underground storage tanks (USTs), the fuel dispensing island, and associated piping from the site. Canonie referenced the USTs as Tank 1/2, Tank 3, and Tank 4 (see Figure 2). Tank 1/2 was a 12,000-gallon, split-compartment diesel-gasoline UST; Tank 3 was a 7,300-gallon diesel UST; and Tank 4 was a 550-gallon waste oil UST. The procedures and results of this work were presented in a Canonie report dated December 18, 1989 (report entitled: *Final Site Report, Underground Storage Tank Removal, Southern Pacific Transportation Company, Oakland, California*). it's enclosed within 6-11-92 IC correspondence ← NO ⇒ missing from our file

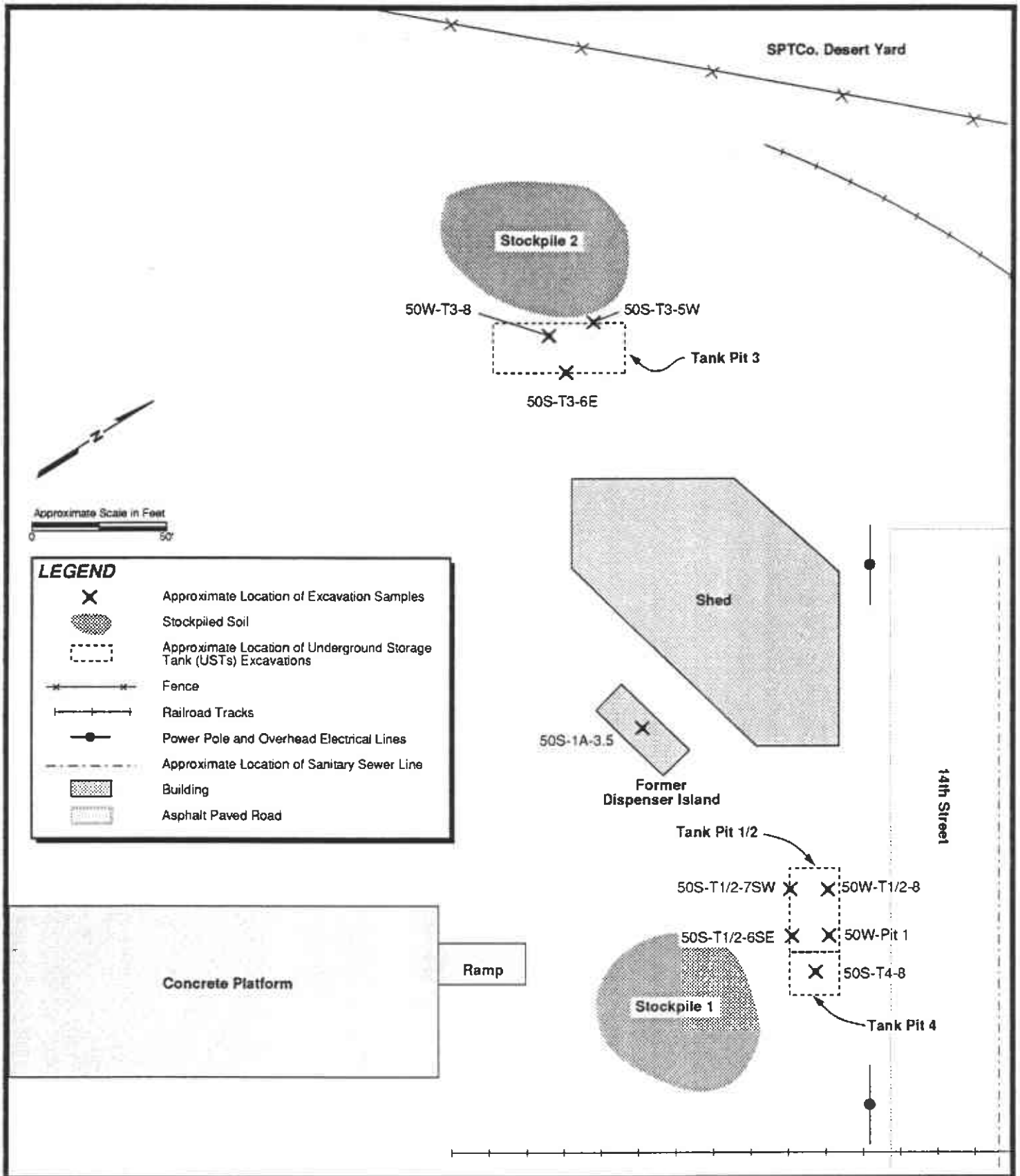
A total of 5 soil samples were collected from the 3 excavations and 1 soil sample was collected from the fuel dispenser location. Laboratory analyses performed on these soil samples identified maximum concentrations of 6,500 parts per million (ppm) of total extractable petroleum hydrocarbons (TEPH), 360 ppm of total volatile petroleum hydrocarbons (TVPH), 6.7 ppm of benzene, 31 ppm of toluene, 40 ppm of ethylbenzene, 230 ppm of xylenes, 37 ppm of polychlorinated biphenyls (PCBs), 9.9 ppm of total lead, and 0.99 ppm of bis(2-ethylhexel)phthalate. The locations of the soil samples collected are shown on Figure 3. The results of laboratory analyses for the soil samples are summarized on Table 1. (+630 TPHg in SP)

Two grab ground water samples were collected from the base of the excavation of Tank 1/2. Laboratory analyses performed on these ground water samples identified maximum concentrations of 330 ppm of TEPH, 2.7 ppm of toluene, 1.1 ppm of ethylbenzene, and 5.1 ppm of xylenes. No concentrations of PCBs were identified at or above the method detection limit. One grab ground water sample was collected from the base of the excavation at



Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.	**SITE LAYOUT MAP** **SOUTHERN PACIFIC TRANSPORTATION COMPANY** **1399 WOOD STREET** **OAKLAND, CALIFORNIA**	Figure: 2	
Project No.: 05100535	Date: 10/25/93	Page: 4	
Drawn By: Dennis Hollenberg	Checked By: James G. Jensen	Scale: as shown	

05100535 Fig 02/disk 252/St WP 1093



Industrial Compliance
A Subsidiary of SP Environmental Systems, Inc.

LOCATION OF UNDERGROUND STORAGE TANK EXCAVATION SAMPLES PREVIOUS INVESTIGATION OF SEPTEMBER, 1989 SOUTHERN PACIFIC TRANSPORTATION COMPANY 1399 WOOD STREET OAKLAND, CALIFORNIA

Project No.: 05100535	Date: 10/25/93	Figure: 3
Drawn By: Dennis Hollenberg	Checked By: James G. Jensen	Page: 5
		Scale: as shown

05100535 Fig 03/disk 252/SI WP1093

TABLE 1
ANALYTICAL RESULTS
UNDERGROUND STORAGE TANK EXCAVATIONS - SOIL SAMPLES
PREVIOUS INVESTIGATION OF SEPTEMBER, 1989

Sample Location	Sample ID[a]	Date Collected	Sample Depth (feet)	TEPH[b] (mg/kg)	TVPH[c] (mg/kg)	O & G[d] (mg/kg)	Benzene[e] (mg/kg)	Toluene[e] (mg/kg)	Ethylbenzene[e] (mg/kg)	Xylenes[e] (mg/kg)	PCBs[f] (mg/kg)	Metals[g] (mg/kg) Cr	Pb	Zn	VOCs[h] (mg/kg)	SVOCs[i] (mg/kg)
Tank Pit 1/2	50S-T1/2-7SW	09-14-89	7	NA	360	NA	0.84	1.4	2.8	9.6	NA	NA	NA	NA	NA	NA
	50S-T1/2-6SE		6	6,500	NA	NA	6.7	31	40	230	NA	NA	NA	NA	NA	NA
Tank Pit 3	50S-T3-5W	09-14-89	5	210	NA	NA	<0.025	<0.025	<0.025	<0.025	NA	NA	NA	NA	NA	NA
	50S-T3-6E		6	210	NA	NA	<0.025	<0.025	<0.025	0.21	NA	NA	NA	NA	NA	NA
Tank Pit 4	50S-T4-8	09-14-89	8	<10	<1.0	<500	<0.025	<0.025	<0.025	0.064	37	36	9.9	56	BDL*	0.99[j]
Dispenser Island	50S-1A-3.5	09-14-89	3.5	4,900	180	NA	6.1	24	37	170	NA	NA	NA	NA	NA	NA
Tank Pit 1/2 Stockpile	50S-SP1/2-COMP1	09-15-89	Comp.[k]	1,300	630	NA	<0.25	4.7	12	27	NA	NA	NA	NA	NA	NA
	50S-SP1/2-COMP2		Comp.[k]	830	180	NA	0.49	3.5	1.7	25	NA	NA	NA	NA	NA	NA
Tank Pit 3 Stockpile	50S-SP3-COMP1	09-15-89	Comp.[k]	3,100	NA	NA	<0.025	<0.025	<0.025	0.37	NA	NA	NA	NA	NA	NA

a See Figure 3 for approximate sample locations.

b Total extractable petroleum hydrocarbons (TEPH) analyzed by EPA Method 8015.

c Total volatile petroleum hydrocarbons (TVPH) analyzed by EPA Method 8015.

d Oil and grease (O & G) analyzed by EPA Method 9071.

e Benzene, toluene, ethylbenzene, and xylenes (BTEX) analyzed by EPA Method 8020.

f Polychlorinated biphenyls (PCBs) analyzed by EPA Method 8080.

g Metals analyzed by EPA Method 6010.

h Volatile organic compounds (VOCs) analyzed by EPA Method 8240.

i Semivolatile organic compounds (SVOCs) analyzed by EPA Method 8270.

j Concentration of bis(2-ethylhexyl)phthalate, the only SVOC constituent identified at or above analytical method detection limits.

k Composited soil sample.

BDL All constituents were at or below method detection limits.

NA Not analyzed

< Indicates the analyte was not detected at a concentration at or above the method detection limit as listed.

mg/kg Milligrams per kilogram, approximately equal to parts per million (ppm)

Tank 3. Laboratory analyses performed on this sample identified xylenes, at a concentration of 0.0013 ppm, as the only petroleum hydrocarbon constituent present. The locations of the ground water samples collected are shown on Figure 3. The results of laboratory analyses for the ground water samples are summarized on Table 2.

Canonie reported approximately 200 cubic yards (cy) of soil was generated from the UST excavations and this soil was placed into 2 stockpiles on the site (see Figure 3). Stockpile 1 contained soil removed from Tank 1/2, Tank 4, and the fuel dispenser and piping excavations. Stockpile 2 contained soil removed from the Tank 3 excavation. Two composite soil samples were collected from Stockpile 1. Laboratory analyses performed on these 2 soil samples identified maximum concentrations of 1,300 ppm of TEPH, 630 ppm of TVPH, 0.49 ppm of benzene, 4.7 ppm of toluene, 12 ppm of ethylbenzene, and 27 ppm of xylenes. One composite soil sample was collected from stockpile 2. Laboratory analyses performed on this soil sample identified maximum concentrations of 3,100 ppm of TEPH and 0.37 ppm of xylenes. Both stockpiles were left onsite. All excavated areas were backfilled with clean imported fill and compacted. The results of laboratory analyses for the composite soil samples collected from the 2 stockpiles are summarized on Table 1.

The Alameda County Health Care Services Agency (the County), in a letter dated April 28, 1992, requested SPTCo to forward a copy of Canonie's 1989 investigation and to provide a workplan for a soil and ground water investigation of the site. In response to the County's request, IC, on behalf of SPTCo, prepared a workplan dated June 11, 1992 (workplan entitled: *Preliminary Soil Investigation Workplan, Southern Pacific Transportation Company, 1399 Wood Street, Oakland, California*). The workplan proposed drilling 10 soil boreholes to assess the lateral and vertical extent of petroleum hydrocarbon-impacted soil at the site. IC further proposed postponing the ground water investigation until any potential soil remediation was complete.

TABLE 2
ANALYTICAL RESULTS
UNDERGROUND STORAGE TANK EXCAVATIONS - GRAB GROUND WATER SAMPLES
PREVIOUS INVESTIGATION OF SEPTEMBER, 1989

Sample Location	Sample ID[a]	Date Collected	Sample Depth (feet)	TEPH[b] (mg/L)	TVPH[c] (mg/L)	Benzene[d] (mg/L)	Toluene[d] (mg/L)	Ethylbenzene[d] (mg/L)	Xylenes[d] (mg/L)	PCBs[e] (mg/L)
Tank Pit 1/2	50W-T1/2-8	09-15-89	8	330	<2.0	<0.05	2.7	1.1	5.1	NA
	50W-Pit 1	10-16-89	8	NA	NA	NA	NA	NA	NA	<0.01
Tank Pit 3	50W-T3-8	09-15-89	8	<2.5	NA	<0.0005	<0.0005	<0.0005	0.0013	NA

a See Figure 3 for approximate sample locations.

b Total extractable petroleum hydrocarbons (TEPH) analyzed by EPA Method 8015.

c Total volatile petroleum hydrocarbons (TVPH) analyzed by EPA Method 8015.

d Benzene, toluene, ethylbenzene, and xylenes (BTEX) analyzed by EPA Method 602.

e Polychlorinated biphenyls (PCBs) analyzed by EPA Method 8080.

NA Not analyzed.

< Analyte was not detected at or above the method detection limit as listed.

mg/L Milligrams per liter, approximately equal to parts per million (ppm).

The County approved the workplan in a letter dated June 23, 1992. The County additionally requested SPTCo to address the issues of PCB-impacted soil and the disposition of the 2 soil stockpiles still located on site.

As per the approved workplan, in October, 1992, IC conducted a preliminary soil investigation at the site. The results of the investigation are presented in this report. 1½ yrs later!

In April, 1993, IC collected composite soil samples from the 2 stockpiles to characterize the soil and removed the 2 stockpiles for disposal at an appropriate landfill. The results of these field activities are presented in this report.

3.0 FIELD INVESTIGATION

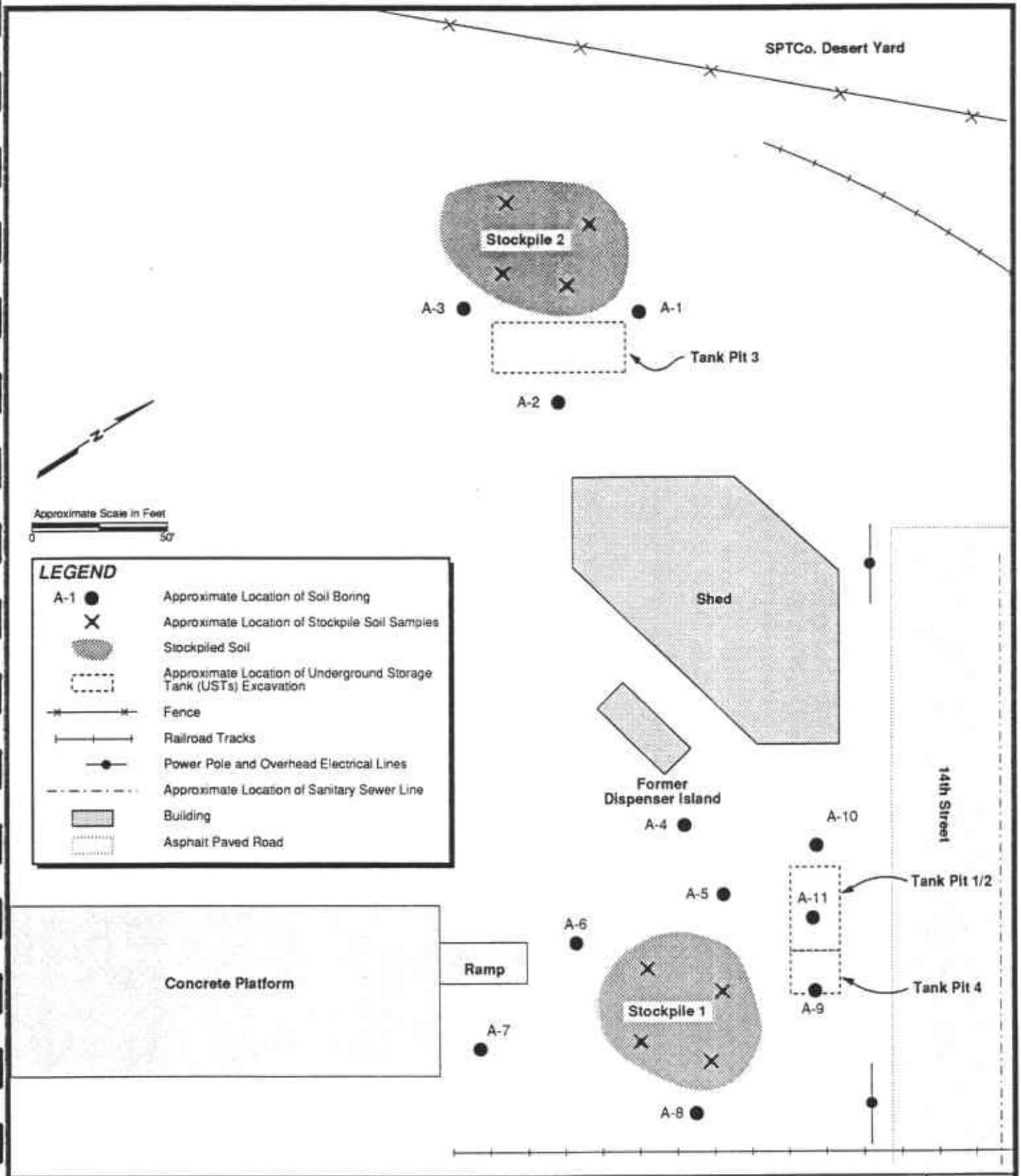
This section describes the field methods used to complete the soil borings and collect the soil samples, in accordance with IC's Preliminary Soil Investigation Workplan dated June 11, 1992. In addition, this section describes the sampling of the 2 soil stockpiles.

3.1 Soil Borings

A total of 11 soil borings (A-1 through A-11) were completed at the site by IC field personnel on October 22 and 23, 1992. Figure 4 shows the approximate location of the soil borings relative to the existing structures and UST excavations at the site. The borings were drilled to an average depth of 7.8 feet below the existing ground surface with a CME-75, truck-mounted drilling rig utilizing 8-inch (nominal outside diameter), hollow-stem augers as the drilling method.

Soil samples for lithologic description were collected using a 5-foot long continuous core barrel. The continuous core barrel extended approximately 4 to 6 inches below the lead auger to collect relatively undisturbed soil samples. The continuous soil cores collected were logged by an IC field geologist. Lithologic information was interpreted in accordance with the American Society for Testing and Materials (ASTM) Method D2488 for the visual description of soils. Soil boring logs are included in Appendix A.

Soil samples for laboratory analysis were collected by driving a California-modified split-spoon sampler (split-spoon sampler) through the annulus of the hollow-stem augers and into the relatively undisturbed soil at approximately 5-foot intervals. Precleaned brass liners (2-inch diameter by 6-inch long) were placed inside the sampler to aid in sample retention. The sampler was driven to the desired depth using a 140-pound drive hammer free-falling approximately 30 inches. The number of blows required to drive the split-spoon sampler



Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.	LOCATION OF SOIL BORINGS AND STOCKPILE SOIL SAMPLES PRESENT INVESTIGATION SOUTHERN PACIFIC TRANSPORTATION COMPANY 1399 WOOD STREET OAKLAND, CALIFORNIA	Figure: 4 Page: 11 Scale: as shown
Project No.: 05100535	Date: 10/25/93	
Drawn By: Dennis Hollenberg	Checked By: James G. Jensen	

05100535 Fig 04/disk 252/SI WP1093

every 6 inches into the soil was recorded on the boring logs. After the split-spoon sampler was driven into the soil approximately 18 inches at each drive interval, the split-spoon sampler was extracted and the brass liners removed. One of the brass liners at each drive interval was prepared for shipment to the analytical laboratory. The preparation process entailed covering both ends of the brass tube with Teflon sheets and tight-fitting plastic caps. The samples were labeled with a unique sample number, the site name, date of collection, time of collection, initials of collector, and any other pertinent information. The samples were then placed in a clean resealable plastic bag and stored in a chilled ice chest for transport to Coast-to-Coast Analytical Services (Coast-to-Coast), a State-certified laboratory, located in Benicia, California, for analysis. A chain-of-custody form was completed concurrently with sample collection and accompanied the samples upon transport to the laboratory.

The soil samples were screened for noticeable odor and with a photoionization detector (PID). The PID measures ionized volatile organic vapors and gives a direct readout in parts per million by volume in air (ppmv). The PID does not differentiate between organic compounds, but provides a qualitative measurement of the total volatile organic compounds present. The samples for PID screening were taken, in general, from the bottom liner at each drive interval and were then placed in resealable plastic bags and allowed to reach ambient air temperature. Vapors were allowed to accumulate in the headspace of the bag for approximately 15 minutes after which the probe of the PID was quickly inserted and a reading taken. Soil samples from borings A-7, A-8, A-10, and A-11 were not screened with the PID due to equipment failure.

Soil samples from borings A-1, A-4, and A-6 had PID readings ranging from 0.4 ppm to 0.9 ppm. Soil samples from borings A-2, A-3, and A-9 had PID readings ranging from 25 ppm to 56 ppm. Soil samples from boring A-5 had PID readings ranging from 165 ppm to 300 ppm.

After drilling and sampling was completed at each boring, the boring was backfilled with a cement/bentonite grout containing approximately 2 pounds of bentonite powder added to 6.5 gallons of water and 94 pounds (1 sack) of cement. The bentonite was added to the water and allowed to hydrate (approximately 10 minutes) after which the cement was added and thoroughly mixed. The backfilling was accomplished by placing the cement/bentonite grout into the inner annulus of the hollow-stem augers while the augers were still in the ground at the total depth of the boring. After the augers were filled to capacity with the cement/bentonite grout, the augers were lifted out of the boring in 2-foot increments allowing the grout mixture to flow out of the augers and into the boring minimizing caving from the boring walls. After each 2-foot increment, the augers were filled to capacity and the process repeated until the borings were filled to the ground surface.

All down-hole drilling equipment was cleaned prior to arrival on-site. Hollow-stem augers were cleaned between boring locations using a steam cleaner. The 5-foot long continuous core barrel and the split-spoon sampling equipment were cleaned between sampling intervals using an Alconox wash and then triple rinsing with potable water.

The residuals generated from the drilling (soil and steam-cleaning water) were stored in 55-gallon Department of Transportation-(DOT) approved drums appropriate for the storage and transport of hazardous materials. The contents of the drum, date generated, and the borings from which the contents were derived were labeled on each drum. The drums were placed near the building onsite for temporary storage. Disposition of the drummed soil residuals is discussed in Section 5.0 of this document.

3.2 Soil Stockpile Sampling

Soil from the UST excavations at the site was previously placed into 2 stockpiles on the site (see Figure 4). During the previous excavations, the volume of the soil stockpiled was visually estimated to be approximately 200 cy. Approximately 100 cy of drummed soil residuals generated during the October, 1992 drilling activities was added to the stockpiles. The total volume of stockpiled soil was estimated to be 300 cy. Four soil samples from each of the 2 stockpiles were collected by digging approximately 12 inches into the stockpile. Each soil sample collected was placed in a clean glass jar with a Teflon-lined lid.

After sample collection was completed, each sample was labeled with a unique sample number, the site name, date of collection, time of collection, initials of collector, and any other pertinent information. The samples were then placed in a chilled ice chest for transport to Coast-to-Coast for analysis. A chain-of-custody form was completed concurrently with sample collection and accompanied the samples upon transport to the laboratory. The 4 samples from each stockpile were composited by laboratory personnel into 2 samples (1 for each stockpile) for analysis. The 2 composited samples were then composited into 1 sample for analysis. A total of 3 composited soil samples were analyzed by Coast-to-Coast.

3.3 Laboratory Analyses

A total of 14 soil boring soil samples (2 samples each from borings A-1, A-2, A-5, and A-10 and 1 sample each from borings A-3, A-4, A-6, A-7, A-8, and A-9) and 8 stockpile soil samples were delivered to the laboratory. Boring A-11 was drilled to a depth of 14 feet bgs in an attempt to confirm the presence of PCBs in soil samples previously reported by Canonie below Tank 4. Native soils were not encountered in boring A-11 and no soil samples were collected from boring A-11. All samples except the soil stockpile samples were submitted for analysis for TPH as gasoline (TPH-G), TPH as diesel (TPH-D), and

benzene, toluene, ethylbenzene and xylenes (BTEX), using EPA Method 8260 Modified. In addition, the soil sample from boring A-9, drilled at Tank 4 (the former location of the waste oil UST), was submitted for analysis for PCBs using EPA Method 8080. The soil stockpile samples were composited into 3 samples by the laboratory. The 2 composited soil samples from stockpile 1 and stockpile 2 were submitted for analysis for TPH-G and hydrocarbon mixture by EPA Method 5030/GC/FID, for TPH-D and hydrocarbon mixture by Method TPH-D Triregional, for BTEX by EPA Method 8020, for total lead by EPA Method 6010, and for STLC lead. The sample composited from both stockpiles was submitted for analysis for halogenated volatile organic compounds (HVOCs) by EPA Method 8010, for semivolatile organic compounds (SVOCs) by EPA Method 8270, for 10 selected metals by EPA Methods 6010/7471, and for STLC lead. Laboratory analytical results are included as Appendix B. Chain-of-custody documents are included as Appendix C.

4.0 RESULTS

This section presents the results of the investigation. The information acquired from logging the soil borings is presented in Section 4.1 - Hydrogeology. The results of the laboratory analyses are presented in Section 4.2 - Analytical Results.

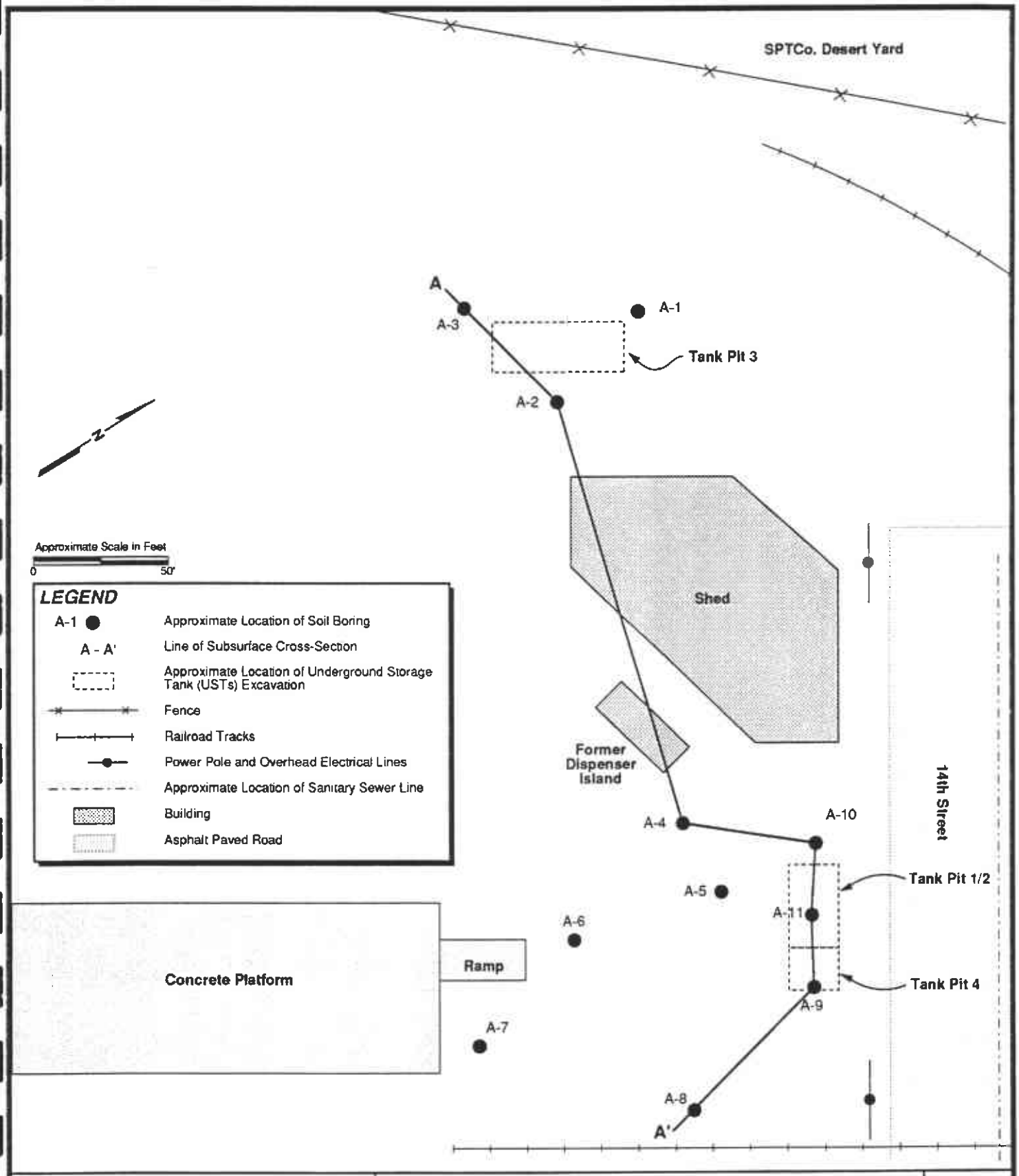
4.1 Hydrogeology

The site is located approximately 1 mile east of the San Francisco Bay. The soil encountered beneath the site generally consists of gravel, silty sand, and fill material from the ground surface to a depth of approximately 3 feet bgs, and silty sand and clayey sand from 3 feet bgs to approximately 10.5 feet bgs, which was the maximum depth reached in native soil. Figure 5 is a cross-section index map and Figure 6 is a geologic cross-section which illustrates the subsurface soil stratigraphy at this site. The gravel, silty sand, and fill material is interpreted to be imported material used to cover the former mud flats on the margin of the San Francisco Bay. The silty sand and clayey sand unit, locally known as the bay sands, is greenish gray to dark gray, medium-grained, poorly to well graded, thinly interbedded, and occasionally contains calcareous shell fragments.

Ground water was encountered at the time of drilling at depths ranging from approximately 6 feet bgs to 8 feet bgs.

4.2 Analytical Results

The results of laboratory analyses of soil samples collected from the soil borings are summarized in Table 3. Figure 7 is a chemical distribution map for constituents identified in soil samples during all investigations conducted at the site. The estimated lateral extent of TPH-G- and TPH-D-impacted soil is shown on Figures 8 and 9. Figure 10 is a cross-section



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CROSS-SECTION INDEX MAP
PRESENT INVESTIGATION
SOUTHERN PACIFIC TRANSPORTATION COMPANY
1399 WOOD STREET
OAKLAND, CALIFORNIA

Project No.: 05100535	Date: 10/25/93
Drawn By: Dennis Hollenberg	Checked By: James G. Jensen

Figure: 5
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Scale: as shown

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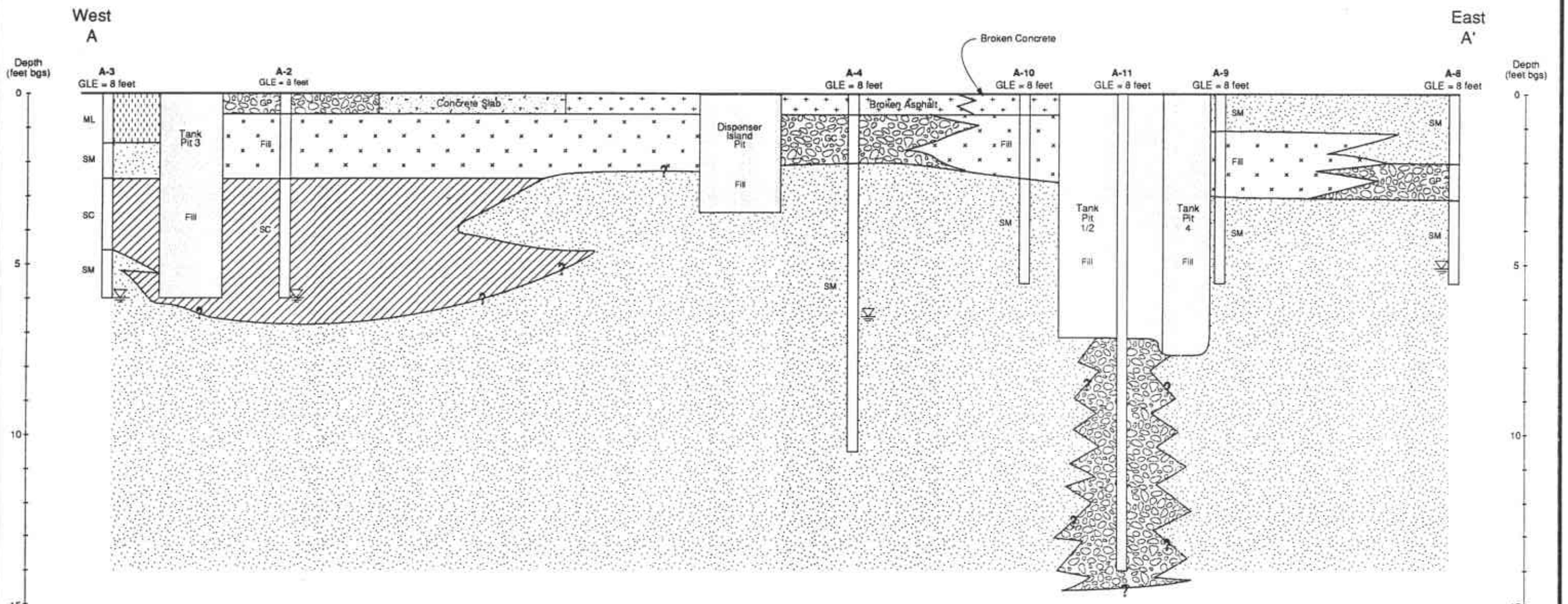


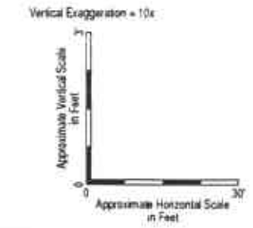
LEGEND

- Gravel and Clayey Gravel Zones (GP and GC)
- Silty Sand Zones (SM)
- Clayey Sand Zones (SC)
- Sandy Silt Zone (ML)
- Older Fill Material
- Clean Imported Fill for Excavations
- Broken Asphalt and Concrete Material
- Ground Water Level in Feet bgs (measured during drilling).

NOTES:

1. All lithologic depths were measured from the ground surface.
2. Approximate ground level elevations of soil borings were taken from a topographic map.
3. See Figure 5 for approximate location of cross-section.
4. The contact lines between the various lithologies depicted on this cross-section are interpretations and are therefore only approximations of the geologic conditions. The contact lines should only be considered reasonably accurate where soil samples were visually analyzed (at boring locations).
5. Boring logs are included in Appendix A of this report.

bgs = below ground surface
GLE = ground level elevation.



Industrial Compliance
A Subsidiary of SP Environmental Systems, Inc.

Project No.:	05100535	Date:	12/16/93
Drawn By:	Patti Decker	Checked By:	James G. Jensen

SUBSURFACE GEOLOGY CROSS-SECTION A-A'
SOUTHERN PACIFIC TRANSPORTATION COMPANY
1399 WOOD STREET
OAKLAND, CALIFORNIA

Figure: 6
Page No.: 18
Scale: as shown

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Date Sampled	Depth	Constituents (mg/kg)											
		TEPH	TVPH	Oil and Grease	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs	Metals: Chromium	Metals: Lead	Metals: Zinc	VOCs	SVOCs
9/14/89	6	210	NA	NA	<0.025	<0.025	<0.025	0.21	NA	NA	NA	NA	NA	NA

Date Sampled	Depth	Constituents (mg/kg)											
		TEPH	TVPH	Oil and Grease	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs	Metals: Chromium	Metals: Lead	Metals: Zinc	VOCs	SVOCs
9/14/89	5	210	NA	NA	<0.025	<0.025	<0.025	<0.025	NA	NA	NA	NA	NA	NA

Date Sampled	Depth	Constituents (mg/kg)						
		TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs
10/22/92	2-2.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
10/22/92	5-5.5	<0.5	1.4	<0.005	<0.01	<0.005	<0.005	NA

Date Sampled	Depth	Constituents (mg/kg)						
		TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs
10/22/92	5.5-6	<0.5	0.7	<0.005	<0.01	<0.005	<0.005	NA

Date Sampled	Depth	Constituents (mg/kg)						
		TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs
10/22/92	4-4.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
10/22/92	5.5-6	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA

Date Sampled	Depth	Constituents (mg/kg)						
		TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs
10/22/92	5-5.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA

Date Sampled	Depth	Constituents (mg/kg)						
		TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs
10/22/92	3.5-4	6000	<50	3.9	6.9	28	150	NA
10/22/92	5-5.5	11	<0.5	0.62	0.1	0.49	1.9	NA

Date Sampled	Depth	Constituents (mg/kg)						
		TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs
10/22/92	5-5.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA

Date Sampled	Depth	Constituents (mg/kg)											
		TEPH	TVPH	Oil and Grease	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs	Metals: Chromium	Metals: Lead	Metals: Zinc	VOCs	SVOCs
9/14/89	3.5	4900	180	NA	6.1	24	37	170	NA	NA	NA	NA	NA	NA

Date Sampled	Depth	Constituents (mg/kg)						
		TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs
10/23/92	2.5-3	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
10/23/92	4.5-5	1.5	4.3	<0.005	<0.01	0.008	0.029	NA

Date Sampled	Depth	Constituents (mg/kg)											
		TEPH	TVPH	Oil and Grease	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs	Metals: Chromium	Metals: Lead	Metals: Zinc	VOCs	SVOCs
9/14/89	7	NA	360	NA	0.84	1.4	2.8	9.6	NA	NA	NA	NA	NA	NA

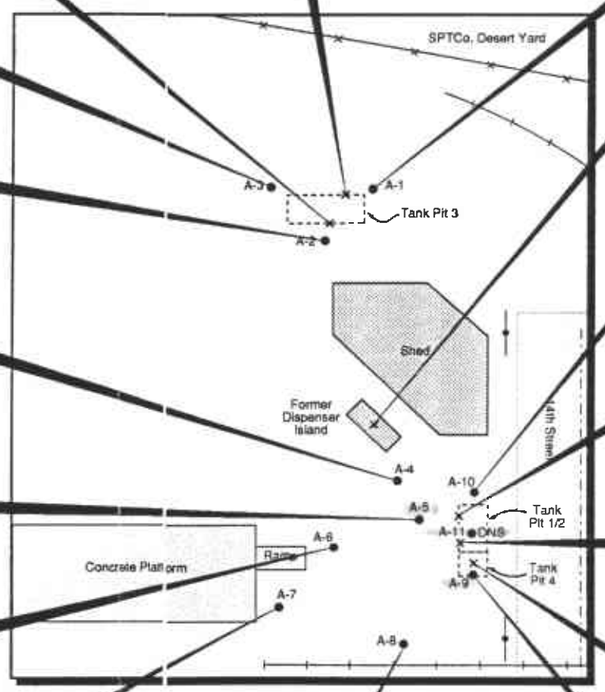
Date Sampled	Depth	Constituents (mg/kg)											
		TEPH	TVPH	Oil and Grease	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs	Metals: Chromium	Metals: Lead	Metals: Zinc	VOCs	SVOCs
9/14/89	6	6500	NA	NA	6.7	31	40	230	NA	NA	NA	NA	NA	NA

Date Sampled	Depth	Constituents (mg/kg)											
		TEPH	TVPH	Oil and Grease	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs	Metals: Chromium	Metals: Lead	Metals: Zinc	VOCs	SVOCs
9/14/89	8	<10	<1	<500	<0.025	<0.025	<0.025	0.064	37	36	9.9	56	ND	0.99

Date Sampled	Depth	Constituents (mg/kg)						
		TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs
10/23/92	5-5.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA

Date Sampled	Depth	Constituents (mg/kg)						
		TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs
10/23/92	5-5.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA

Date Sampled	Depth	Constituents (mg/kg)						
		TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs
10/23/92	5-5.5	9.0	19	0.016	<0.01	0.05	0.22	<0.1



NOTES:

a. Depth in feet below ground surface.
b. Total petroleum hydrocarbons as gasoline (TPH-G) analyzed by EPA Method 8260 modified.
c. Total petroleum hydrocarbons as diesel (TPH-D) analyzed by EPA Method 8260 modified.
d. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyzed by EPA Method 8260 modified.
e. Polychlorinated biphenyls (PCBs) analyzed by EPA Method 8080.
f. Total extractable petroleum hydrocarbons (TEPH) analyzed by EPA Method 8015.
g. Total volatile petroleum hydrocarbons (TVPH) analyzed by EPA Method 8015.
h. Oil and grease (O&G) analyzed by EPA Method 9071.
i. BTEX analyzed by EPA Method 8020.
j. Metals analyzed by EPA Method 6010.
k. Volatile organic compounds (VOCs) analyzed by EPA Method 8240.
l. Semivolatile organic compounds (SVOCs) analyzed by EPA Method 8270.
m. Concentration of bis (2-ethylhexyl)phthalate, the only SVOC constituent identified at or above the analytical method detection limits.
n. < = Indicates the analyte was not detected at a concentration at or above the method detection limits as noted.
o. All sample results reported in milligrams per kilogram (mg/kg), approximately equal to parts per million (ppm).
p. Laboratory analytical data summarized on Tables 1 and 3.

NA = Not analyzed
ND = no constituents were identified at or above the analytical method detection limits.

LEGEND

- A-1 ● Approximate Location of Soil Boring
- × Approximate Location of Excavation Soil Samples
- ●DNS Did Not Sample
- Approximate Location of Underground Storage Tank (USTs) Excavation
- Fence
- Railroad Tracks
- Power Pole and Overhead Electrical Lines
- Approximate Location of Sanitary Sewer Line
- Building
- Asphalt Paved Road

N

Approximate Scale in Feet
0 50

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Project No.:	05100535	Date:	12/16/93
Drawn By:	Patti Decker	Checked By:	James G. Jensen

CHEMICAL DISTRIBUTION MAP FOR CONSTITUENTS IN SOIL SAMPLES IDENTIFIED DURING SITE INVESTIGATIONS SOUTHERN PACIFIC TRANSPORTATION COMPANY 1399 WOOD STREET OAKLAND, CALIFORNIA

Figure: 7
Page No.: 20
Scale: as shown

05100535 Fig 07/disk 252/SI WP 1293

TABLE 3
ANALYTICAL RESULTS
SOIL BORING SOIL SAMPLES
PRESENT INVESTIGATION

Soil Boring Number[a]	Date Collected	Sample Depth (feet)	TPH[b] (mg/kg)		Volatile Organic Compounds[c] (mg/kg)				PCBs[d] (mg/kg)
			Gasoline	Diesel	Benzene	Toluene	Ethylbenzene	Total Xylenes	
A-1	10-22-92	2-2.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
	10-22-92	5-5.5	<0.5	1.4	<0.005	<0.01	<0.005	<0.005	NA
A-2	10-22-92	4-4.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
	10-22-92	5.5-6	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
A-3	10-22-92	5.5-6	<0.5	0.7	<0.005	<0.01	<0.005	<0.005	NA
A-4	10-22-92	5-5.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
A-5	10-22-92	3.5-4	5,000[e]	<50[f]	3.9	6.9	28	150	NA
	10-22-92	5-5.5	11	<0.5	0.62	0.1	0.49	1.3	NA
A-6	10-22-92	5-5.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
A-7	10-23-92	5-5.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
A-8	10-23-92	5-5.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
A-9	10-23-92	5-5.5	9.0[e]	19	0.016	<0.01	0.050	0.22	<0.1[f]
A-10	10-23-92	2.5-3	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
	10-23-92	4.5-5	1.5[e]	4.3	<0.005	<0.01	0.008	0.029	NA

11 borings? A11 - NA

a See Figure 4 for approximate boring locations.

b Total petroleum hydrocarbons (TPH) analyzed by EPA Method 8260 Modified.

c Analyzed by EPA Method 8260 Modified.

d Polychlorinated biphenyls (PCBs) analyzed by EPA Method 8080.

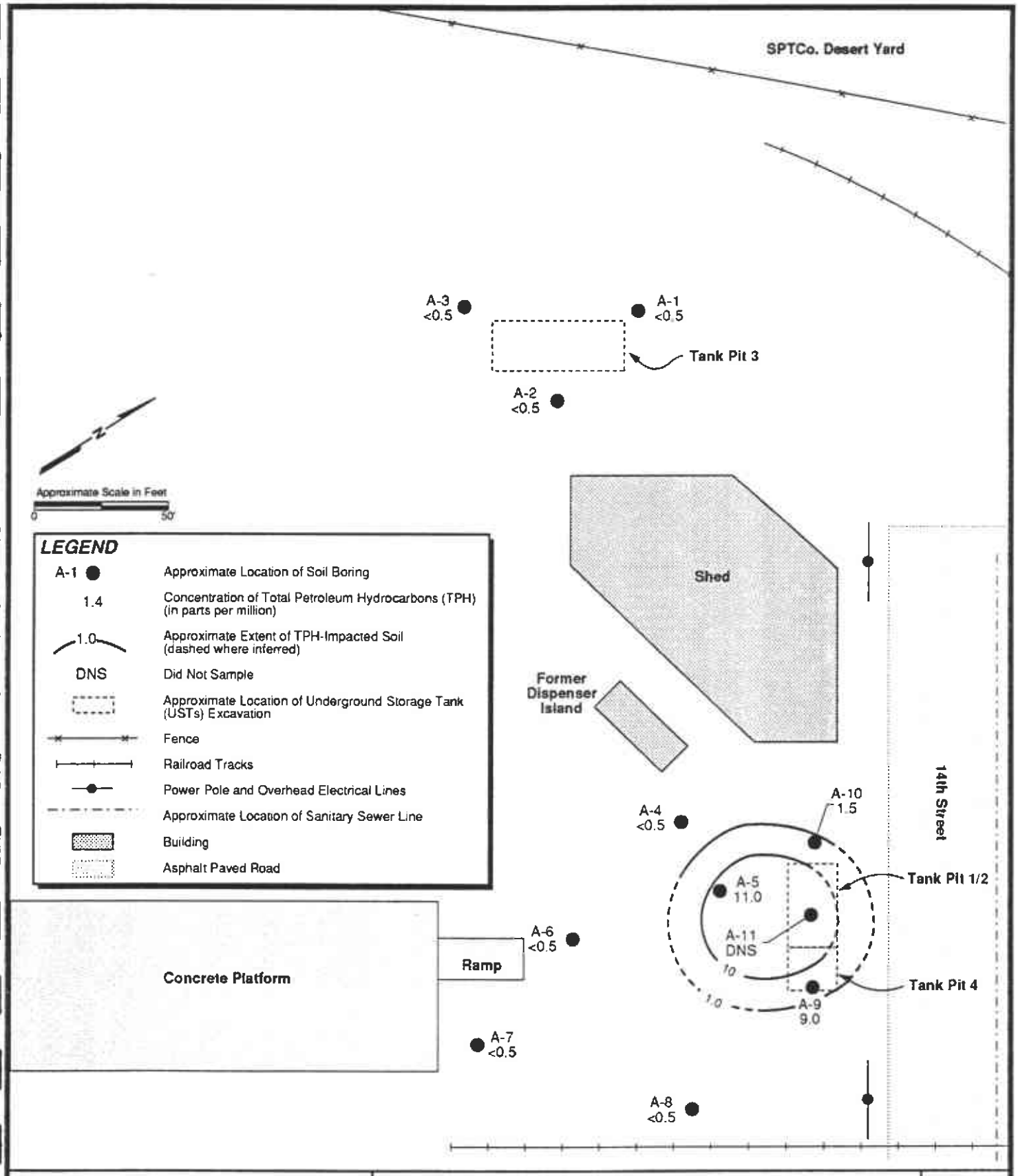
e TPH in this sample identified as weathered gasoline.

f High concentration of some analytes caused the sample to be run diluted resulting in raised method detection limits for analytes.

mg/kg Milligrams per kilogram, approximately equal to parts per million (ppm).

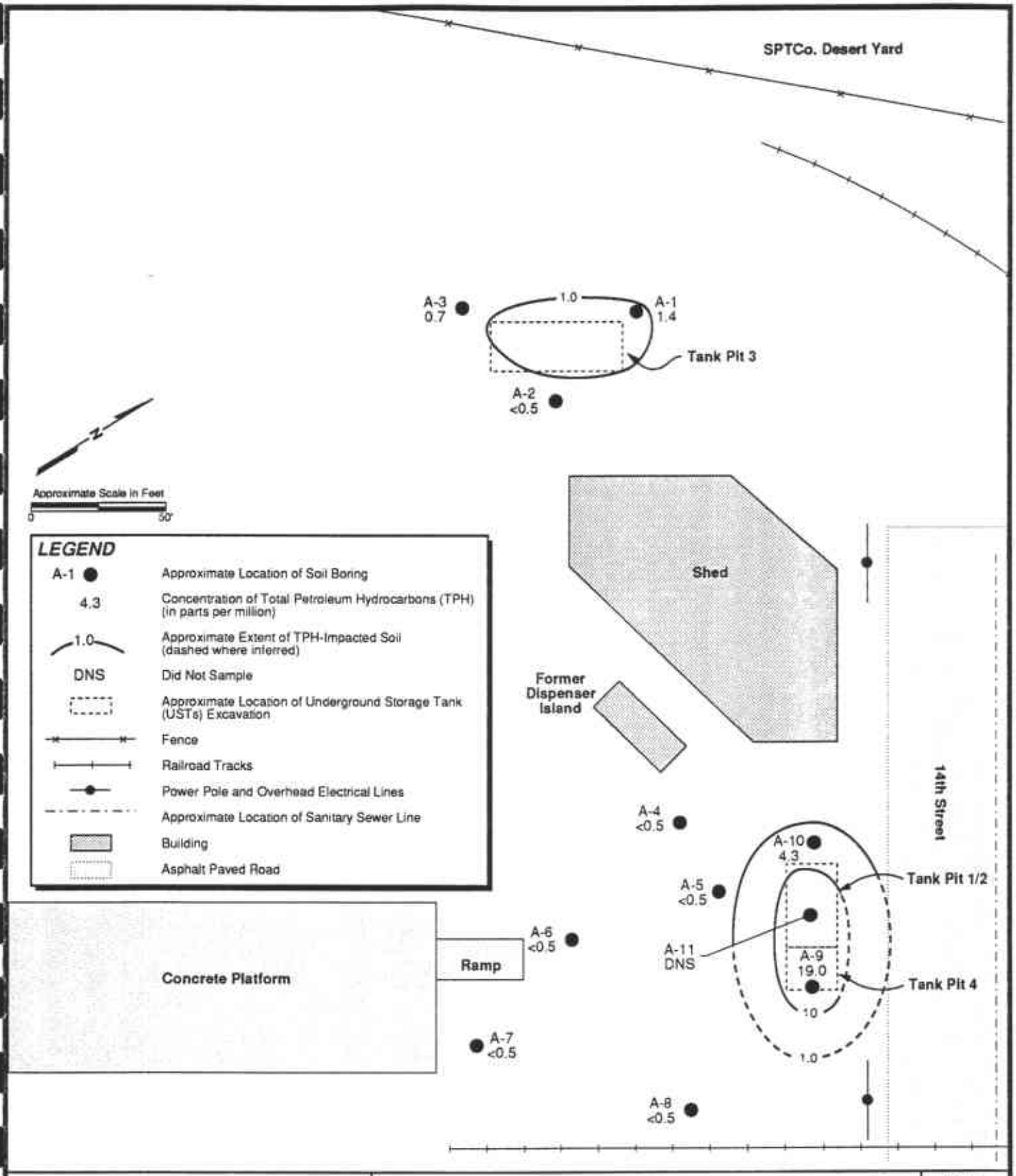
NA Not analyzed.

< Indicates the analyte was not detected at a concentration at or above the method detection limit as listed.



Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.	**LATERAL EXTENT OF TPH AS GASOLINE IN SOIL SAMPLES AT 5 FEET BGS PRESENT INVESTIGATION SOUTHERN PACIFIC TRANSPORTATION COMPANY 1399 WOOD STREET OAKLAND, CALIFORNIA**	Figure: 8	
Project No.: 05100535	Date: 12/16/93	Page: 21	
Drawn By: Patti Decker	Checked By: James G. Jensen	Scale: as shown	

05100535 Fig 05/disk 252/SR WP1293



Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.		LATERAL EXTENT OF TPH AS DIESEL IN SOIL SAMPLES AT 5 FEET BGS PRESENT INVESTIGATION SOUTHERN PACIFIC TRANSPORTATION COMPANY 1399 WOOD STREET OAKLAND, CALIFORNIA	Figure: 9
Project No.: 05100535	Date: 12/16/93		Page: 22
Drawn By: Patti Decker	Checked By: James G. Jensen		Scale: as shown

05100535 Fig 06/disk 252/SR WP1293

West
A

East
A'

Depth (feet bgs)

A-3 GLE = 8 feet
ML
SM
SC
SM
TPH-G = <0.5
TPH-D = 0.7

Tank Pit 3
Fill
TEPH = 210

A-2 GLE = 8 feet
GP
Fill
SC
TPH-G = <0.5
TPH-D = <0.5
TPH-G = <0.5
TPH-D = <0.5

Concrete Slab

Dispenser Island Pit
Fill
TVPH = 180
TEPH = 4,900

Broken Asphalt
GC

A-4 GLE = 8 feet
SM
TPH-G = <0.5
TPH-D = <0.5

Broken Concrete

A-10 GLE = 8 feet
Fill
TPH-G = <0.5
TPH-D = <0.5
SM
TPH-G = 1.5
TPH-D = 4.3

Tank Pit 1/2
Fill
TVPH = 360

A-11 GLE = 8 feet
GP

A-9 GLE = 8 feet
SM
Fill
SM
Tank Pit 4
Fill
TEPH = 8,500
TPH-G = 9.0
TPH-D = 19
TVPH = <1
TEPH = <10

A-8 GLE = 8 feet
SM
GP
SM
TPH-G = <0.5
TPH-D = <0.5

Depth (feet bgs)

0
5
10
15

Vertical Exaggeration = 10x

Approximate Vertical Scale in Feet: 0, 3'

Approximate Horizontal Scale in Feet: 0, 30'

LEGEND

- Approximate Extent of Petroleum Hydrocarbons in Soil (>10 ppm)
- × Approximate Location of Excavation Soil Samples
- Ground Water Level in Feet bgs (Measured During Drilling)

NOTES:

1. All lithologic depths were measured from the ground surface. No attempt was made to correct depths for differences in ground surface elevation.
2. Approximate ground level elevations of soil borings were taken from a topographic map.
3. See Figure 5 for approximate location of cross-section.

bgs = below ground surface.
GLE = ground level elevation.
TPH-G = Total Petroleum Hydrocarbons as Gasoline laboratory results (ppm).
TPH-D = Total Petroleum Hydrocarbons as Diesel laboratory results (ppm).
TEPH = Total Extractable Petroleum Hydrocarbons laboratory results (ppm).
TVPH = Total Volatile Petroleum Hydrocarbons laboratory results (ppm).
ML = Sandy Silt Zones.
SM = Silty Sand Zones.
SC = Clayey Sand Zones.
GP/GC = Gravel and Clayey Gravel Zones.

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Project No.:	05100535	Date:	12/16/93
Drawn By:	Patti Decker	Checked By:	James G. Jensen

SUBSURFACE EXTENT OF PETROLEUM HYDROCARBONS CROSS-SECTION A-A' SOUTHERN PACIFIC TRANSPORTATION COMPANY 1399 WOOD STREET OAKLAND, CALIFORNIA

Figure: 10
Page No.: 23
Scale: as shown

05100535 Fig 10/disk 252/SI WP 1293

illustrating the extent of TPH-G- and TPH-D-impacted soil beneath the site. The results of laboratory analyses on composited soil samples collected from the 2 stockpiles are summarized in Table 4. The laboratory analytical reports for all samples analyzed as part of this investigation are included in Appendix B.

4.2.1 Soil Boring Soil Sample Results

The results of the analyses performed on the soil samples collected from the soil borings indicate:

* TPH-G, TPH-D, and BTEX were not identified at or above the method detection limits in soil samples collected from borings A-2, A-4, A-6, A-7, and A-8.

* PCBs were not identified at or above the method detection limits in the soil sample collected from boring A-9, drilled at Tank 4, the former location of the waste oil UST.

* TPH-G was identified in 4 soil samples collected from borings A-5, A-9, and A-10. TPH-G concentrations ranged from 1.5 ppm at 4.5 feet to 5 feet bgs in boring A-10 to 5,000 ppm at 3.5 feet to 4 feet bgs in boring A-5.

* TPH-D was identified in 4 soil samples collected from borings A-1, A-3, A-9, and A-10. TPH-D concentrations ranged from 0.7 ppm at 5.5 feet to 6 feet bgs in boring A-3 to 19 ppm at 5 feet to 5.5 feet bgs in boring A-9.

TABLE 4
ANALYTICAL RESULTS
COMPOSITE SOIL SAMPLES FROM STOCKPILED SOIL
PRESENT INVESTIGATION

Sample ID[a]	Date Collected	Total Petroleum Hydrocarbons (mg/kg)				Benzene[d] (mg/kg)	Toluene[d] (mg/kg)	Ethylbenzene[d] (mg/kg)	Total Xylenes[d] (mg/kg)	HVOCs[e] (mg/kg)	SVOCs[f] (mg/kg)	Metals[g] (mg/kg)										STLC Lead[h] (mg/L)
		Gasoline[b]	Hydrocarbon Mixture[b]	Diesel[c]	Hydrocarbon Mixture[c]							Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Nickel	Zinc	
Stockpile 1: Composite 22516 - 22519	03-29-93	<1.0	<1.0	<150[i]	940[j]	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	132	NA	NA	NA	8.1
Stockpile 2: Composite 22520 - 22523	03-29-93	<1.0	<1.0	<15[i]	49[k]	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	60.6	NA	NA	NA	3.5
Stockpile 1 and 2: Composite 22516 - 22523	03-29-93	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	<10	155	<0.5	45.5	6.1	90.5	118	0.19	40.6	171	8.1

a See Figure 4 for approximate sample locations.

b Analyzed by EPA Method 5030/GC/FID.

c Analyzed by Method TPH-D-Triregional.

d Benzene, toluene, ethylbenzene and total xylenes (BTEX) analyzed by EPA Method 8020.

e Halogenated volatile organic compounds (HVOCs) analyzed by EPA Method 8010.

f Semivolatile volatile organic compounds (SVOCs) analyzed by EPA Method 8270.

g Metals analyzed by EPA Method 6010, except for mercury which was analyzed by EPA Method 7471.

h Soluble Threshold Limit Concentration (STLC) lead analyzed by STLC - Method 6010 using citrate buffer leachate.

i High concentration of some analytes caused the sample to be run diluted resulting in raised method detection limits for analytes.

j Hydrocarbon pattern present in this sample elutes in the range between C-11 and C-24.

k Hydrocarbon pattern present in this sample elutes in the range between C-11 past C-30.

BDL All constituents were at or below analytical method detection limits.

NA Not analyzed.

< Indicates the analyte was not detected at a concentration at or above the method detection limit as listed.

mg/kg Milligrams per kilogram, approximately equal to parts per million (ppm).

mg/L Milligrams per liter, approximately equal to parts per million (ppm).

* BTEX constituents were identified in 4 soil samples collected from borings A-5, A-9, and A-10. Benzene concentrations ranged from 0.016 ppm at 5 feet to 5.5 feet bgs in boring A-9 to 3.9 ppm at 3.5 feet to 4 feet bgs in boring A-5. Toluene concentrations, identified only in boring B-5, ranged from 0.1 ppm at 5 feet to 5.5 feet bgs to 6.9 ppm at 3.5 feet to 4 feet bgs. Ethylbenzene concentrations ranged from 0.008 ppm at 4.5 feet to 5 feet bgs in boring A-10 to 28 ppm at 3.5 feet to 4 feet in boring A-5. Total xylenes concentrations ranged from 0.029 ppm at 4.5 feet to 5 feet bgs in boring A-10 to 150 ppm at 3.5 feet to 4 feet bgs in boring A-5.

4.2.2 Soil Stockpile Soil Sample Results

Soil samples were collected from the 2 stockpiles to characterize the soil for disposal. The results of the analyses performed on the composited soil samples collected from the 2 stockpiles indicate:

* TPH-G, TPH-D, and BTEX were not identified at or above the method detection limits in composited soil samples collected from either of the 2 stockpiles.

* TPH in the range between C-11 and C-24 was identified at a concentration of 940 ppm in the composite sample collected from stockpile 1.

* TPH in the range between C-11 past C-30 was identified at a concentration of 49 ppm in the composite sample collected from stockpile 2.

* HVOCs and SVOCs were not identified at or above the method detection limits in the soil sample composited from samples collected from both stockpiles.

* STLC lead was identified in all 3 composited soil samples collected from the 2 stockpiles at concentrations ranging from 3.5 ppm to 8.1 ppm.

5.0 DISCUSSION

The objective of the workplan dated June 11, 1992 was to assess the lateral and vertical extent of petroleum hydrocarbons-impacted soil at the site. These objectives were accomplished as described below:

maybe not for TPHd.

The lateral and vertical extent of impacted soil was sufficiently characterized by drilling a total of 11 soil borings and collecting/analyzing soil samples for TPH-G, TPH-D, BTEX, and PCBs. The extent of impacted soil has been delineated in the area of the UST excavations. Figures 8, 9 and 10 illustrate the interpreted soil impact area.

Based on the data collected during the investigations conducted at the site, the chemical constituents in the subsurface consist primarily of petroleum hydrocarbons in the gasoline and diesel range. PCBs, a constituent of concern noted in the County's April 28, 1992 letter, were not identified in a soil sample collected at the former location of Tank 4, the waste oil UST. In order to evaluate the volume of impacted soil, proposed values of 100 ppm for TPH and 10 ppm for benzene were used as cleanup level guidelines. The lateral extent of impacted soil from soil boring information has been estimated as shown on Figures 8, 9 and 10. Soil samples collected from soil borings contain TPH at depths from 3 to 6 feet bgs. The volume of impacted soil was calculated to be:

where? when?

* Tank 1/2 and Tank 4: 90 cy
* Tank 3: 70 cy
* Former dispensing island: 30 cy

Based on the results from this investigation, remediation of the soil is being considered. Remediation options include the following:

* No action
* Soil excavation and treatment/disposal
* In-situ bioremediation

Following implementation of soil remediation, a ground water investigation will be conducted as per the County's letter of April 28, 1992.

IC recommends that a soil remediation/ground water investigation workplan be prepared.

5.1 Disposition of Previously Stockpiled Soil and Investigation-Derived Residuals

On March 29, 1993, IC collected soil samples from the 2 stockpiles onsite to characterize the soil for disposal at a landfill. On April 22 and 23, 1993, after receipt of laboratory analyses for the soil characterization, IC supervised the removal and disposition of approximately 300 cy of stockpiled soils, investigation-derived soil residuals, and miscellaneous debris from the site. Based on the concentrations of petroleum hydrocarbons and metals in the composite samples, the stockpiled soils were transported to the Chemical Waste Management landfill at Kettleman Hill, California. Approximately 50 percent of this soil was transported under a non-RCRA California regulated waste classification and the remainder under a non-hazardous waste classification. The trash was transported to the BFI Vasco Road landfill in Livermore, California and the concrete was hauled to the American Rock concrete recycler in Richmond, California. Bill-of-ladings and manifests are included in Appendix D.

$18 \times 7 = 126\ yd^3$ on HW manifests

APPENDIX A

SOIL BORING LOGS

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	See attached map	**Boring**	A-1
Drilling Company	West Hazmat Drilling Corporation	**Project Name**	1399 Wood Street
Drilling Method	Hollow Stem Auger	**Rig Type**	CME 75	**Project Number**	05535
Hole Diameter	8 in.	**Driller**	S. Northart	**Date**	10/22/92	**Logged By**	S. Gable
Ground Elevation	Not Measured	**Depth to Water**	8 feet BGS	**Total Depth**	10 feet BGS

Sample Number	Recov.	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
			1	Backfilled with Cement/ Bentonite Grout		GP	Gravel: 3/4-inch with asphalt.	
		14					Well Graded Gravel with Sand: dark gray to black, moist, very dense, slight odor.	0.6
26989		31 32	2			GW		0.4
	20%		3					
			4			SM	Silty Sand: green to gray, medium grained sand, 5 to 10% gravel, dry, slightly dense, no odor.	
		1					Silty Sand: dark gray, very moist, poorly graded, loose, no odor.	
26990		2 1	5					0.6
			6			SC	Clayey Sand: dark gray, very moist, poorly graded sand, 20 to 25% clay, soft, no odor.	
			7			CL	Clay: green to gray, very moist, soft, no odor, brown mottling.	
	100%						Silty Sand: green, moist, well graded sand, very dense, no odor.	
26988		20 25 32	8			SM	Silty Sand: black, moist, poorly graded sand, 20% silt, very dense, no odor.	0.9
			9				Silty Sand: green to gray, very moist, well graded sand, 30% silt, loose, no odor.	
			10					

Total Depth 10 feet BGS

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	See attached map			**Boring**	A-2
Drilling Company	West Hazmat Drilling Corporation			**Project Name**	1399 Wood Street
Drilling Method	Hollow Stem Auger	**Rig Type**	CME 75	**Project Number**	05535
Hole Diameter	8 **In.**	**Driller** S. Northart	**Date** 10/22/92	**Logged By**	S. Gable
Ground Elevation	Not Measured	**Depth to Water**	6 feet BGS	**Total Depth**	6 feet BGS

Sample Number	Recov.	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
	30%		1 2	Backfilled with Cement/ Bentonite Grout		GP FL	Gravel: 3/4-inch with broken concrete. Fill Material and Debris: crushed rock, clay brick fragments, wood, miscellaneous debris.	
26987	80%	3 2 3	3 4 5			SC	Clayey Sand: greenish gray, very moist, loose, moderate degraded fuel odor. Clayey Sand with Gravel: black, moist, well graded sand, 10 to 15% gravel, slightly dense, strong odor.	25
26986			6				Encountered water at 6 feet BGS. Increasing gravel.	2.8

Total Depth 6 feet BGS

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	See attached map			**Boring**	A-3
Drilling Company	West Hazmat Drilling Corporation			**Project Name**	1399 Wood Street
Drilling Method	Hollow Stem Auger	**Rig Type**	CME 75	**Project Number**	05535
Hole Diameter	8 **In.**	**Driller**	S. Northart	**Date** 10/22/92	**Logged By** S. Gable
Ground Elevation	Not Measured	**Depth to Water**	6 feet BGS	**Total Depth**	6 feet BGS

Sample Number	Recov.	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
	50%		1	Backfilled with Cement/ Bentonite Grout		ML	Silt with Sand: light brown, 20 to 25% sand, dry, loose, no odor.	
			2			SM	Silty Sand: green to gray, dry sand, 5% gravel, loose, slight gasoline odor.	
			3			SC	Clayey Sand: green to gray, moist sand, 5% shell gragments, soft, no odor.	
			4					
		3	5			SM	Silty Sand: greenish gray to black, 20% glass fragments, wet, soft, moderate gasoline odor.	
26985		2 1	6				Encountered water at 6 feet BGS. Increasing gravel.	40

Total Depth 6 feet BGS

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	See attached map	**Boring**	A-4
Drilling Company	West Hazmat Drilling Corporation	**Project Name**	1399 Wood Street
Drilling Method	Hollow Stem Auger	**Rig Type**	CME 75	**Project Number**	05535
Hole Diameter	8 in.	**Driller**	S. Northart	**Date**	10/22/92	**Logged By**	S. Gable
Ground Elevation	Not Measured	**Depth to Water**	6.5 feet BGS	**Total Depth**	10.5 feet BGS

Sample Number	Recov.	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
	30%		1	Backfilled with Cement/ Bentonite Grout			Broken asphalt 6-inches.	
			2			GC	Clayey Gravel with Sand: brown, 30% sand, dry, well graded, loose, slight hydrocarbon odor.	
			3			SM	Silty Sand: greenish gray, 5% gravel, moist, loose, slight hydrocarbon odor.	
		1	4					
26984		2 1	5				Silty Sand: dark gray to black, 15% silt, very moist, loose moderate hydrocarbon odor.	9.4
			6				Encountered water at 6.5 feet BGS.	
	60%		7					
			8			SM	Silty Sand: green, 55 to 60% well graded sand, moist, dense, no odor.	3.7
26983		20 25 32	9					
			10					

Total Depth 10.5 feet BGS

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	See attached map			**Boring**	A-5
Drilling Company	West Hazmat Drilling Corporation			**Project Name**	1399 Wood Street
Drilling Method	Hollow Stem Auger	**Rig Type**	CME 75	**Project Number**	05535
Hole Diameter	8 in.	**Driller** S. Northart	**Date** 10/22/92	**Logged By**	S. Gable
Ground Elevation	Not Measured	**Depth to Water**	6.5 feet BGS	**Total Depth**	10 feet BGS

Sample Number	Recov.	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
	20%		1–3	Backfilled with Cement/ Bentonite Grout		GP	Gravel: 3/4-inch with wood scraps.	
						SM	Silty Sand: brown, 20% silt, 10% gravel, dry, poorly graded, loose, no odor.	
						GW	Well Graded Gravel with Sand: dark gray to black, 40 to 45% sand, 5% shell fragments, moist, loose, no odor.	
26982		2	4			SM	Silty Sand: greenish gray, moist, well graded sand, loose, strong hydrocarbon odor.	300
26981		3 2	5–6			SM	Silty Sand: dark gray to black, very moist, poorly graded sand, 30% silt, 10% shells, loose, strong hydrocarbon odor.	165
	70%		7			CL	Clay: black, moist, stiff, moderate odor.	
			8–10			SM	Silty Sand: greenish gray, moist, well graded sand, dense, no odor.	

Total Depth 10 feet BGS

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	See attached map			**Boring**	A-6
Drilling Company	West Hazmat Drilling Corporation			**Project Name**	1399 Wood Street
Drilling Method	Hollow Stem Auger	**Rig Type**	CME 75	**Project Number**	05535
Hole Diameter	8 in.	**Driller** S. Northart	**Date** 10/22/92	**Logged By**	S. Gable
Ground Elevation	Not Measured	**Depth to Water**	6.5 feet BGS	**Total Depth**	6 feet BGS

Sample Number	Recov.	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
	0%		1	Backfilled with Cement/ Bentonite Grout		SM	Silty Sand with Gravel: brown, 25% gravel, dry, well graded, loose, gypsum debris, no odor.	
			2					
			3					
			4			SW-SM	Well Graded Sand with Silt: greenish gray, dry, loose, moderate hydrocarbon odor.	
26980		8 9 11	5			SM	Silty Sand: dark gray to black, very moist, poorly graded sand, 30% silt, 20% shell fragments, loose, no odor.	0.6
			6					

Total Depth 6 feet BGS

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	See attached map			**Boring**	A-7
Drilling Company	West Hazmat Drilling Corporation			**Project Name**	1399 Wood Street
Drilling Method	Hollow Stem Auger	**Rig Type**	CME 75	**Project Number**	05535
Hole Diameter	8 in.	**Driller** K. Magee	**Date** 10/23/92	**Logged By**	S. Gable
Ground Elevation	Not Measured	**Depth to Water**	5 feet BGS	**Total Depth**	6.5 feet BGS

Sample Number	Recov.	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
			1	Backfilled with Cement/ Bentonite Grout		SM	Silty Sand: brown, dry, 25 to 30% silt, loose, gypsum debris, no odor.	
			2					
			3					
			4				Silty Sand: yellow brown, moist, poorly graded sand, 15 to 20% silt, loose, no odor.	
			5			SM		
26979		4 11 17	6				Silty Sand: yellow brown, wet, well graded sand, 30% silt dense, no odor.	

Total Depth 6.5 feet BGS

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	See attached map			**Boring**	A-8
Drilling Company	West Hazmat Drilling Corporation			**Project Name**	1399 Wood Street
Drilling Method	Hollow Stem Auger	**Rig Type**	CME 75	**Project Number**	05535
Hole Diameter	8 **In.**	**Driller**	K. Magee	**Date**	10/23/92	**Logged By**	S. Gable
Ground Elevation	Not Measured	**Depth to Water**	5 feet BGS	**Total Depth**	5.5 feet BGS

Sample Number	Recov.	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
	10%		1	Backfilled with Cement/ Bentonite Grout		SM	Silty Sand: brown, dry, 25 to 30% silt, soft, no odor.	
			2			GP	Poorly Graded Gravel: yellow brown, dry, dense, 3/4-inch diameter clasts, no odor.	
			3			SM	Silty Sand: yellow brown, moist, poorly graded, 30% silt, loose, no odor.	
		4	4					
26978		9						
		18	5				Silty Sand: dark gray to black, wet, poorly graded, 30% silt, loose, no odor.	

Total Depth 5.5 feet BGS

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	See attached map			**Boring**	A-9
Drilling Company	West Hazmat Drilling Corporation			**Project Name**	1399 Wood Street
Drilling Method	Hollow Stem Auger	**Rig Type**	CME 75	**Project Number**	05535
Hole Diameter	8 In.	**Driller**	K. Magee	**Date** 10/23/92	**Logged By** S. Gable
Ground Elevation	Not Measured	**Depth to Water**	NA	**Total Depth**	5.5 feet BGS

Sample Number	Recov.	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
	5%		1	Backfilled with Cement/ Bentonite Grout		SM	Silty Sand: light brown, dry, 20% silt, soft, no odor.	0
			2			FL	Fill Material and Debris: crushed rock, clay brick fragments, wood, miscellaneous debris.	
			3			SM	Silty Sand: yellow brown, moist, poorly graded, 30% silt, loose, no odor.	56
26977		4 6 6	4 5				Silty Sand: dark gray to black, very moist, poorly graded, 25% silt, loose, no odor.	3

Total Depth 5.5 feet BGS

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	See attached map	**Boring**	A-10
Drilling Company	West Hazmat Drilling Corporation	**Project Name**	1399 Wood Street
Drilling Method	Hollow Stem Auger	**Rig Type**	CME 75	**Project Number**	05535
Hole Diameter	8 **In.**	**Driller**	K. Magee	**Date**	10/23/92	**Logged By**	S. Gable
Ground Elevation	Not Measured	**Depth to Water**	NA	**Total Depth**	5.5 feet BGS

Sample Number	Recov.	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
			1	Backfilled with Cement/ Bentonite Grout			Broken Concrete	
						FL	Fill Material and Debris: crushed rock, clay brick fragments, wood, miscellaneous debris.	
	5%		2					
26976		4 6 8	3			SM	Silty Sand: dark gray, moist, poorly graded, 30% silt, loose, no odor.	
			4					
26975		4 2 3	5					

Total Depth 5.5 feet BGS

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	See attached map			**Boring**	A-11
Drilling Company	West Hazmat Drilling Corporation			**Project Name**	1399 Wood Street
Drilling Method	Hollow Stem Auger	**Rig Type**	CME 75	**Project Number**	05535
Hole Diameter	8 in.	**Driller**	K. Magee	**Date**	10/23/92	**Logged By**	S. Gable
Ground Elevation	Not Measured	**Depth to Water**	7 feet BGS	**Total Depth**	14 feet BGS

Sample Number	Recov.	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
			1	Backfilled with Cement/ Bentonite Grout		GP	Gravel: 3/4-inch	
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					

Total Depth 14 feet BGS

APPENDIX B

ANALYTICAL LABORATORY REPORTS, SOIL SAMPLES

COAST - TO - COAST ANALYTICAL SERVICES

Air, Water & Hazardous Waste Sampling, Analysis & Consultation
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(707) 747-2757
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CLIENT: Mark Dockum
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : BD-0691-1
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
26989 Boring A-1 @ 2-2.5'	Soil	Scott Gable	10/22/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	ND	
Xylenes, Total		0.005	ND	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	ND	
BTX as a percent of fuel			Not Appl.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		84.	
Toluene-d8 (Percent Surrogate Recovery)			105.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			83.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/06/92
INCOS 50-387
MH/trk/htc
BDJ3011

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

Mary Havlicek, Ph.D.
President

COAST - TO - COAST ANALYTICAL SERVICES

Air, Water & Hazardous Waste Sampling, Analysis & Consultation
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Lab Number : BD-0691-2
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE	RECEIVED
26990 Boring A-1 @ 5-5.5'	Soil	Scott Gable	10/22/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	ND	
Xylenes, Total		0.005	ND	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	1.4	
BTX as a percent of fuel			Not Appl.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		95.	
Toluene-d8 (Percent Surrogate Recovery)			106.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			81.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/06/92
INCOS 50-387
MH/trk/htc
BDJ30I1

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

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CLIENT: Mark Dockum
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Sacramento, CA 95827

Lab Number : BD-0691-3
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE	RECEIVED
26987 Boring A-2 @ 4-4.5'	Soil	Scott Gable	10/22/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	ND	
Xylenes, Total		0.005	ND	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	ND	
BTX as a percent of fuel			Not Appl.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		92.	
Toluene-d8 (Percent Surrogate Recovery)			107.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			82.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/06/92
INCOS 50-387
MH/trk/htc
BDJ30I1

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

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CLIENT: Mark Dockum
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Lab Number : BD-0691-4
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
26986 Boring A-2 @ 5.5-6'	Soil	Scott Gable	10/22/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	ND	
Xylenes, Total		0.005	ND	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	ND	
BTX as a percent of fuel			Not Appl.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		92.	
Toluene-d8 (Percent Surrogate Recovery)			103.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			85.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/06/92
INCOS 50-387
MH/trk/htc
BDJ30I1

Respectfully submitted,
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Lab Number : BD-0691-5
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
26985 Boring A-3 @ 5.5-6'	Soil	Scott Gable	10/22/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	ND	
Xylenes, Total		0.005	ND	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	0.7	
BTX as a percent of fuel			Not Appl.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		103.	
Toluene-d8 (Percent Surrogate Recovery)			96.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			77.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/07/92
INCOS 50-387
MH/trk/htc
BDJ30I1

Respectfully submitted,
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Lab Number : BD-0691-6
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
26984 Boring A-4 @ 5-5.5'	Soil	Scott Gable	10/22/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	ND	
Xylenes, Total		0.005	ND	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	ND	
BTX as a percent of fuel			Not Appl.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		93.	
Toluene-d8 (Percent Surrogate Recovery)			102.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			84.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/06/92
INCOS 50-387
MH/trk/htc
BDJ30I1

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

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Lab Number : BD-0691-7
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 11/03/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
26982 Boring A-5 @ 3.5-4'	Soil	Scott Gable	10/22/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2,3
Benzene	(71432)	0.5	3.9	
Toluene	(108883)	1.	6.9	
Ethylbenzene	(100411)	0.5	28.	
Xylenes, Total		0.5	150.	
1,2-Dichloroethane (EDC)	(107062)	0.5	ND	
1,2-Dibromoethane (EDB)	(106934)	0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		50.	ND	
Total Petroleum Hydrocarbons (Weathered Gas)		20.	5000.	
BTX as a percent of fuel			3.2	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		84.	
Toluene-d8 (Percent Surrogate Recovery)			111.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			103.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)
(3) High concentration of some analytes caused the sample to be run diluted resulting in raised Practical Quantitation Limits for analytes. Refer to instrument blank for undiluted Practical Quantitation Limits.

11/09/92
INCOS 50-387
MH/trk/htc
BDK03I1

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

Mary Havlicek, Ph.D.
President

COAST - TO - COAST ANALYTICAL SERVICES

Air, Water & Hazardous Waste Sampling, Analysis & Consultation
Certified Hazardous Waste, Chemistry, Bacteriology & Bioassay Laboratories

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6006 Egret Court, Benicia, California 94510 FAX (707)747-2765

CLIENT: Mark Dockum
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : BD-0691-8
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
26981 Boring A-5 @ 5-5.5'	Soil	Scott Gable	10/22/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	0.62	
Toluene	(108883)	0.01	0.1	
Ethylbenzene	(100411)	0.005	0.49	
Xylenes, Total		0.005	1.3	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	11.	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	ND	
BTX as a percent of fuel			18.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		85.	
Toluene-d8 (Percent Surrogate Recovery)			101.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			83.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/08/92
INOOS 50-387
MH/trk/htc
BDJ30I1

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

Mary Havlicek, Ph.D.
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CLIENT: Mark Dockum
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9719 Lincoln Village Suite 310
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Lab Number : BD-0691-9
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE	RECEIVED
26980 Boring A-6 @ 5-5.5'	Soil	Scott Gable	10/22/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	ND	
Xylenes, Total		0.005	ND	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	ND	
BTX as a percent of fuel			Not Appl.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		95.	
Toluene-d8 (Percent Surrogate Recovery)			101.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			85.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/06/92
INCOS 50-387
MH/trk/htc
BDJ30I1

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

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CLIENT: Mark Dockum
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9719 Lincoln Village Suite 310
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Lab Number : BD-0691-10
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
26979 Boring A-7 @ 5-5.5'	Soil	Scott Gable	10/23/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	ND	
Xylenes, Total		0.005	ND	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	ND	
BTX as a percent of fuel			Not Appl.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		96.	
Toluene-d8 (Percent Surrogate Recovery)			100.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			91.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/06/92
INCOS 50-387
MH/trk/htc
HDJ30I1

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

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Lab Number : BD-0691-11
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
26978 Boring A-8 @ 5-5.5'	Soil	Scott Gable	10/23/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	ND	
Xylenes, Total		0.005	ND	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	ND	
BTX as a percent of fuel			Not Appl.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		97.	
Toluene-d8 (Percent Surrogate Recovery)			109.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			92.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/08/92
INCOS 50-387
MH/trk/htc
BDJ30I1

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

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CLIENT: Mark Dockum
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Lab Number : BD-0691-12
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
26977 Boring A-9 @ 5-5.5'	Soil	Scott Gable	10/23/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	0.016	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	0.050	
Xylenes, Total		0.005	0.22	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	19.	
Total Petroleum Hydrocarbons (Weathered Gas)		0.5	9.0	
BTX as a percent of fuel			0.8	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		97.	
Toluene-d8 (Percent Surrogate Recovery)			96.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			79.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/08/92
INCOS 50-387
MH/trk/htc
BDJ30I1

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek, Ph.D.
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CLIENT: Mark Dockum
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Lab Number : BD-0706-1
Project : 1399 Wood Street, Oakland, CA
Analyzed : 11/06/92
Analyzed by: JK
Method : EPA 8080

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE	RECEIVED
26977 Boring A-9 @ 5.0-5.5 (BD0691-12)	Soil	Scott Gable	10/23/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
POLYCHLORINATED BIPHENYLS				1,2
PCB 1016	(12674112)	0.1	ND	
PCB 1221	(11104282)	0.1	ND	
PCB 1232	(11141165)	0.1	ND	
PCB 1242	(53469219)	0.1	ND	
PCB 1248	(12672296)	0.1	ND	
PCB 1254	(11097691)	0.1	ND	
PCB 1260	(11096825)	0.1	ND	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 11/02/92 by AHZ using 3550
(2) High concentration of some non-target analytes caused the sample to be run diluted resulting in raised Practical Quantitation Limits for analytes. Refer to instrument blank for undiluted Practical Quantitation Limits.

11/09/92
ECD #1
MH/trk/jlk
BDK02E1

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

Mary Havlicek, Ph.D.
President

COAST - TO - COAST ANALYTICAL SERVICES

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CLIENT: Mark Dockum
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9719 Lincoln Village Suite 310
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Lab Number : BD-0691-13
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
26976 Boring A-10 @ 2.5-3'	Soil	Scott Gable	10/23/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	ND	
Xylenes, Total		0.005	ND	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	ND	
BTX as a percent of fuel			Not Appl.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		91.	
Toluene-d8 (Percent Surrogate Recovery)			105.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			79.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/06/92
INCOS 50-387
MH/trk/htc
BDJ30I1

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek, Ph.D.
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COAST - TO - COAST ANALYTICAL SERVICES

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CLIENT: Mark Dockum
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Lab Number : BD-0691-14
Project : 05553 1399 Wood Street, Oakland, CA
Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
26975 Boring A-10 @ 4.5-5'	Soil	Scott Gable	10/23/92	10/23/92

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	0.008	
Xylenes, Total		0.005	0.029	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	4.3	
Total Petroleum Hydrocarbons (Weathered Gas)		0.5	1.5	
BTX as a percent of fuel			0.5	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		93.	
Toluene-d8 (Percent Surrogate Recovery)			98.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			72.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/08/92
INCOS 50-387
MH/trk/htc
BDJ30I1

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

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President

COAST - TO - COAST ANALYTICAL SERVICES

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QC Batch ID: BDJ30I1

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
METHOD BLANK	Solid		

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	ND	
Xylenes, Total		0.005	ND	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	ND	
BTX as a percent of fuel			Not Appl.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		86.	
Toluene-d8 (Percent Surrogate Recovery)			101.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			85.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/06/92
INCOS 50-387
MH/trk/htc
BD0691-13

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

Mary Havlicek, Ph.D.
President

COAST - TO - COAST ANALYTICAL SERVICES

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QC Batch ID: BDJ30I1

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

QC SPIKE
REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
QC SPIKE DUPLICATE	Solid			

CONSTITUENT	*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	%DIFF	NOTE
FUEL FINGERPRINT ANALYSIS						1,2
Benzene	0.005	0.14	0.15	107.	6.9	
Toluene	0.01	0.76	0.81	107.	16.	
Ethylbenzene	0.005	0.16	0.17	106.	6.1	
Xylenes, Total	0.005	0.80	0.83	104.	0.	
1,2-Dichloroethane (EDC)	0.005		NS			
1,2-Dibromoethane (EDB)	0.005		NS			
Total Petroleum Hydrocarbons (Gasoline)	0.5	7.1	7.7	108.	2.6	
Total Petroleum Hydrocarbons (Diesel 2)	0.5		NS			
BTX as a percent of fuel		24.	23.			
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)		100.	84.			
Toluene-d8 (Percent Surrogate Recovery)		100.	116.			
p-Bromofluorobenzene (Percent Surrogate Recovery)		100.	84.			

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
* RESULTS listed as 'NS' were not spiked. PQL = Practical Quantitation Limit
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/06/92
INCOS 50-387
MH/trk/htc
BD0691-13

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

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COAST - TO - COAST ANALYTICAL SERVICES

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FAX (707)747-2765

QC Batch ID: BDJ30I1

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

QC SPIKE
REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
QC SPIKE	Solid		

CONSTITUENT	*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	NOTE
FUEL FINGERPRINT ANALYSIS					1,2
Benzene	0.005	0.14	0.14	100.	
Toluene	0.01	0.76	0.69	91.	
Ethylbenzene	0.005	0.16	0.16	100.	
Xylenes, Total	0.005	0.80	0.83	104.	
1,2-Dichloroethane (EDC)	0.005		NS		
1,2-Dibromoethane (EDB)	0.005		NS		
Total Petroleum Hydrocarbons (Gasoline)	0.5	7.1	7.5	106.	
Total Petroleum Hydrocarbons (Diesel 2)	0.5		NS		
BTX as a percent of fuel		24.	22.		
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)		100.	86.		
Toluene-d8 (Percent Surrogate Recovery)		100.	113.		
p-Bromofluorobenzene (Percent Surrogate Recovery)		100.	88.		

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
* RESULTS listed as 'NS' were not spiked. PQL = Practical Quantitation Limit
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/06/92
INCOS 50-387
MH/trk/htc
BD0691-13

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

Mary Havlicek, Ph.D.
President

COAST - TO - COAST ANALYTICAL SERVICES

Air, Water & Hazardous Waste Sampling, Analysis & Consultation
Certified Hazardous Waste, Chemistry, Bacteriology & Bioassay Laboratories

San Luis Obispo, CA • Benicia, CA • Camarillo, CA • San Jose, CA
Anaheim, CA • Tempe, AZ • Valparaiso, IN • Westbrook, ME • Indianapolis, IN

Benicia Division (707) 747-2757
6006 Egret Court, Benicia, California 94510 FAX (707)747-2765

QC Batch ID: BDJ30I1

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE	RECEIVED
METHOD BLANK	Solid			

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene	(71432)	0.005	ND	
Toluene	(108883)	0.01	ND	
Ethylbenzene	(100411)	0.005	ND	
Xylenes, Total		0.005	ND	
1,2-Dichloroethane (EDC)	(107062)	0.005	ND	
1,2-Dibromoethane (EDB)	(106934)	0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		0.5	ND	
Total Petroleum Hydrocarbons (Diesel 2)		0.5	ND	
BTX as a percent of fuel			Not Appl.	
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)	(107062)		89.	
Toluene-d8 (Percent Surrogate Recovery)			104.	
p-Bromofluorobenzene (Percent Surrogate Recovery)			87.	

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/08/92
INCOS 50-387
MH/trk/htc
ED0691-14

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

Mary Havlicek, Ph.D.
President

COAST - TO - COAST ANALYTICAL SERVICES

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Benicia Division (707) 747-2757
6006 Egret Court, Benicia, California 94510 FAX (707)747-2765

QC Batch ID: BDJ30I1

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

QC SPIKE
REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
QC SPIKE	Solid			

CONSTITUENT	*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	NOTE
FUEL FINGERPRINT ANALYSIS					1,2
Benzene	0.005	0.18	0.18	100.	
Toluene	0.01	0.64	0.65	102.	
Ethylbenzene	0.005	0.19	0.18	95.	
Xylenes, Total	0.005	0.93	0.91	98.	
1,2-Dichloroethane (EDC)	0.005		NS		
1,2-Dibromoethane (EDB)	0.005		NS		
Total Petroleum Hydrocarbons (Gasoline)	0.5	7.1	6.6	93.	
Total Petroleum Hydrocarbons (Diesel 2)	0.5		NS		
BTX as a percent of fuel		25.	26.		
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)		100.	78.		
Toluene-d8 (Percent Surrogate Recovery)		100.	94.		
p-Bromofluorobenzene (Percent Surrogate Recovery)		100.	79.		

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
* RESULTS listed as 'NS' were not spiked. PQL = Practical Quantitation Limit
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/08/92
INCOS 50-387
MH/trk/htc
BD0691-14

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

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Benicia Division (707) 747-2757
6006 Egret Court, Benicia, California 94510 FAX (707)747-2765

QC Batch ID: BDJ30I1

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 10/30/92
Analyzed by: HC
Method : As Listed

QC SPIKE
REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	DATE RECEIVED
QC SPIKE DUPLICATE	Solid			

CONSTITUENT	*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	%DIFF	NOTE
FUEL FINGERPRINT ANALYSIS						1,2
Benzene	0.005	0.18	0.17	94.	5.7	
Toluene	0.01	0.64	0.61	95.	6.3	
Ethylbenzene	0.005	0.19	0.17	89.	5.7	
Xylenes, Total	0.005	0.93	0.87	94.	4.5	
1,2-Dichloroethane (EDC)	0.005		NS			
1,2-Dibromoethane (EDB)	0.005		NS			
Total Petroleum Hydrocarbons (Gasoline)	0.5	7.1	6.6	93.	0.	
Total Petroleum Hydrocarbons (Diesel 2)	0.5		NS			
BTX as a percent of fuel		25.	25.			
1,2-Dichloroethane-d4 (Percent Surrogate Recovery)		100.	76.			
Toluene-d8 (Percent Surrogate Recovery)		100.	92.			
p-Bromofluorobenzene (Percent Surrogate Recovery)		100.	76.			

Benicia Division Lab Certifications: CAELAP #1719; L.A.Co.CSD#10185
* RESULTS listed as 'NS' were not spiked. PQL = Practical Quantitation Limit
(1) ANALYZED by CAL DHS DRAFT TPH (modified) and EPA 8260 (GC/MS)
(2) EXTRACTED by EPA 5030 (purge-and-trap)

11/08/92
INCOS 50-387
MH/trk/htc
BD0691-14

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Mary Havlicek

Mary Havlicek, Ph.D.
President

California Analytical
Laboratory

Enseco
A Corning Company

April 5, 1993
ENSECO CAL LAB PROJECT NUMBER: 068854
PO/CONTRACT: 05100535

Evelyn Ransom
Industrial Compliance
9719 Lincoln Village Dr.
Suite 310
Sacramento, CA 95827

Dear Ms. Ransom:

This report contains the analytical results for the eight core samples which were received under chain of custody by Enseco Cal Lab on 30 March 1993. These samples are associated with your Project Number 05100535.

The case narrative is an integral part of this report.

Work processed according to change order dated 31 March 1993.

Preliminary results were sent 31 March 1993.

If you have any questions, please call me at (916) 374-4300.

Sincerely,

Bonnie McNeill

Bonnie McNeill
Project Manager

dju

Enseco Incorporated
2544 Industrial Boulevard
West Sacramento, California 95691
916/372-1393 Fax: 916/372-7768

Enseco
A Corning Company

TABLE OF CONTENTS

ENSECO CAL LAB PROJECT NUMBER 068854

ENSECO CAL LAB'S QUALITY ASSURANCE PROGRAM

Enseco Cal Lab has implemented an extensive Quality Assurance (QA) program to ensure the production of scientifically sound, legally defensible data of known documental quality. A key element of this program is Enseco's Laboratory Control Sample (LCS) system. Controlling lab operations with LCS (as opposed to matrix spike/matrix spike duplicate samples), allows the lab to differentiate between bias as a result of procedural errors versus bias due to matrix effects. The analyst can then identify and implement the appropriate corrective actions at the bench level, without waiting for extensive senior level review or costly and time-consuming sample re-analyses. The LCS program also provides our client with information to assess batch, and overall laboratory performance.

Laboratory Control Samples - (LCS)

Laboratory Control Samples (LCS) are well-characterized, laboratory generated samples used to monitor the laboratory's day-to-day performance of routine analytical methods. The results of the LCS are compared to well-defined laboratory acceptance criteria to determine whether the laboratory system is "in control". Three types of LCS are routinely analyzed: Duplicate Control Samples (DCS), Single Control Samples (SCS), and method blanks. Each of these LCS are described below.

Duplicate Control Samples. A DCS is a well-characterized matrix (blank water, sand, sodium sulfate or celite) which is spiked with certain target parameters and analyzed at approximately 10% of the sample load in order to establish method-specific control limits.

Single Control Samples. An SCS consists of a control matrix that is spiked with surrogate compounds appropriate to the method being used. In cases where no surrogate is available, (e.g. metals or conventional analyses) a single control sample identical to the DCS serves as the control sample. An SCS is prepared for each sample lot. Accuracy is calculated identically to the DCS.

Method Blank Results. A method blank is a laboratory-generated sample which assesses the degree to which laboratory operations and procedures cause false-positive analytical results for your samples.

Enseco
A Corning Company

CASE NARRATIVE

ENSECO CAL LAB PROJECT NUMBER 068854

No anomalies were associated with this project.

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SAMPLE DESCRIPTION INFORMATION
for
Industrial Compliance

Lab ID	Client ID	Matrix	Sampled Date	Sampled Time	Received Date
068854-0001-SA	22516	SOIL	29 MAR 93	10:30	30 MAR 93
068854-0002-SA	22517	SOIL	29 MAR 93	10:30	30 MAR 93
068854-0003-SA	22518	SOIL	29 MAR 93	10:30	30 MAR 93
068854-0004-SA	22519	SOIL	29 MAR 93	10:30	30 MAR 93
068854-0005-SA	22520	SOIL	29 MAR 93	11:00	30 MAR 93
068854-0006-SA	22521	SOIL	29 MAR 93	11:00	30 MAR 93
068854-0007-SA	22522	SOIL	29 MAR 93	11:00	30 MAR 93
068854-0008-SA	22523	SOIL	29 MAR 93	11:00	30 MAR 93
068854-0009-SA	Composite 22516 through 22519	SOIL	29 MAR 93		30 MAR 93
068854-0010-SA	Composite 22520 through 22523	SOIL	29 MAR 93		30 MAR 93
068854-0011-SA	Composite 22516 through 22523	SOIL	29 MAR 93		30 MAR 93

SP - EVS CHAIN-OF-CUSTODY RECORD

No. 13091

SP - Environmental Systems, Inc. • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME	PROJECT LOCATION
1399 Wood Street	Oakland, CA
PROJ. NO.	**PROJECT CONTACT** / **PROJECT TELEPHONE NO.**
05100535	Evelyn Ransom (916) 369-8971
CLIENT'S REPRESENTATIVE	**PROJECT MANAGER/SUPERVISOR**
SPTCo	Mark Dockum

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) 8270 / 8010 / TCP Metals *	REMARKS
1	22516	3/29/93	1030		X	Stockpile Sample #1	1		
2	22517		1030			Stockpile Sample #2	1		
3	22518		1030			Stockpile Sample #3	1		
4	22519		1030			Stockpile Sample #4	1		
5	22520		1100			Stockpile Sample #5	1		
6	22521		1100			Stockpile Sample #6	1		
7	22522		1100			Stockpile Sample #7	1		
8	22523	↓	1100		↓	Stockpile Sample #8	1		
9									
10									

Composite

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1		Carl Taylor	C. Brightower	3/30/93	0845
2					15:05
3					
4					

REMARKS

Composite all into one sample.

24-Hour TAT

* As, Ba, Cd, Cr, Co, Cu, Pb, Ni, Hg, Zn

SAMPLER'S NAME: Carl Taylor

SAMPLER'S SIGNATURE:

LAB COPY

Semivolatile Organics - Method 8270

Enseco
A Corning Company

Semivolatile Organics
Target Compound List (TCL)
Method 8270

Client Name: Industrial Compliance
Client ID: Composite 22516 through 22523
Lab ID: 068854-0011-SA
Matrix: SOIL Sampled: 30 MAR 93 Received: 30 MAR 93
Authorized: 30 MAR 93 Prepared: 30 MAR 93 Analyzed: 31 MAR 93

Parameter	Result	Wet wt. Units	Reporting Limit	
Acenaphthene	ND	ug/kg	5000	j
Acenaphthylene	ND	ug/kg	5000	
Anthracene	ND	ug/kg	5000	
Benzo(a)anthracene	ND	ug/kg	5000	
Benzo(a)pyrene	ND	ug/kg	5000	
Benzo(b)fluoranthene	ND	ug/kg	5000	
Benzo(g,h,i)perylene	ND	ug/kg	5000	
Benzo(k)fluoranthene	ND	ug/kg	5000	
Benzoic acid	ND	ug/kg	25000	
Benzyl alcohol	ND	ug/kg	5000	
4-Bromophenyl phenyl ether	ND	ug/kg	5000	
Butyl benzyl phthalate	ND	ug/kg	5000	
4-Chloroaniline	ND	ug/kg	5000	
bis(2-Chloroethoxy)-methane	ND	ug/kg	5000	
bis(2-Chloroethyl) ether	ND	ug/kg	5000	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	5000	
4-Chloro-3-methylphenol	ND	ug/kg	5000	
2-Chloronaphthalene	ND	ug/kg	5000	
2-Chlorophenol	ND	ug/kg	5000	
4-Chlorophenyl phenyl ether	ND	ug/kg	5000	
Chrysene	ND	ug/kg	5000	
Di-n-butyl phthalate	ND	ug/kg	5000	
Dibenz(a,h)anthracene	ND	ug/kg	5000	
Dibenzofuran	ND	ug/kg	5000	
1,2-Dichlorobenzene	ND	ug/kg	5000	
1,3-Dichlorobenzene	ND	ug/kg	5000	
1,4-Dichlorobenzene	ND	ug/kg	5000	
3,3'-Dichlorobenzidine	ND	ug/kg	10000	
2,4-Dichlorophenol	ND	ug/kg	5000	
Diethyl phthalate	ND	ug/kg	5000	
2,4-Dimethylphenol	ND	ug/kg	5000	
Dimethyl phthalate	ND	ug/kg	5000	
4,6-Dinitro-2-methylphenol	ND	ug/kg	25000	
2,4-Dinitrophenol	ND	ug/kg	25000	
2,4-Dinitrotoluene	ND	ug/kg	5000	
2,6-Dinitrotoluene	ND	ug/kg	5000	
Di-n-octyl phthalate	ND	ug/kg	5000	

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Pam Niiya Approved By: Karin Yee

The cover letter is an integral part of this report.
Rev 230787

Enseco
A Coming Company

Semivolatile Organics
Target Compound List (TCL)
Method 8270

Client Name: Industrial Compliance
Client ID: Composite 22516 through 22523
Lab ID: 068854-0011-SA
Matrix: SOIL Sampled: 30 MAR 93 Received: 30 MAR 93
Authorized: 30 MAR 93 Prepared: 30 MAR 93 Analyzed: 31 MAR 93

Parameter	Result	Wet wt. Units	Reporting Limit
bis(2-Ethylhexyl)-phthalate	ND	ug/kg	5000
Fluoranthene	ND	ug/kg	5000
Fluorene	ND	ug/kg	5000
Hexachlorobenzene	ND	ug/kg	5000
Hexachlorobutadiene	ND	ug/kg	5000
Hexachlorocyclopentadiene	ND	ug/kg	5000
Hexachloroethane	ND	ug/kg	5000
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5000
Isophorone	ND	ug/kg	5000
2-Methylnaphthalene	ND	ug/kg	5000
2-Methylphenol	ND	ug/kg	5000
4-Methylphenol	ND	ug/kg	5000
Naphthalene	ND	ug/kg	5000
2-Nitroaniline	ND	ug/kg	25000
3-Nitroaniline	ND	ug/kg	25000
4-Nitroaniline	ND	ug/kg	25000
Nitrobenzene	ND	ug/kg	5000
2-Nitrophenol	ND	ug/kg	5000
4-Nitrophenol	ND	ug/kg	25000
N-Nitrosodiphenylamine	ND	ug/kg	5000
N-Nitroso-di-n-propylamine	ND	ug/kg	5000
Pentachlorophenol	ND	ug/kg	25000
Phenanthrene	ND	ug/kg	5000
Phenol	ND	ug/kg	5000
Pyrene	ND	ug/kg	5000
1,2,4-Trichlorobenzene	ND	ug/kg	5000
2,4,5-Trichlorophenol	ND	ug/kg	5000
2,4,6-Trichlorophenol	ND	ug/kg	5000

Surrogate	Recovery	
Nitrobenzene-d5	58	%
2-Fluorobiphenyl	62	%
Terphenyl-d14	70	%
Phenol-d5	66	%
2-Fluorophenol	61	%
2,4,6-Tribromophenol	65	%

(continued on following page)

ND = Not detected
NA = Not applicable

Reported By: Pam Niiya Approved By: Karin Yee

The cover letter is an integral part of this report.
Rev 230787

Enseco
A Corning Company

Semivolatile Organics
Target Compound List (TCL)
Method 8270

Client Name: Industrial Compliance
Client ID: Composite 22516 through 22523
Lab ID: 068854-0011-SA
Matrix: SOIL Sampled: 30 MAR 93 Received: 30 MAR 93
Authorized: 30 MAR 93 Prepared: 30 MAR 93 Analyzed: 31 MAR 93

Note j : All Reporting Limits for this sample raised due to matrix interferences.

ND = Not detected
NA = Not applicable

Reported By: Pam Niiya Approved By: Karin Yee

The cover letter is an integral part of this report.
Rev 230787

Enseco
A Corning Company

QC LOT ASSIGNMENT REPORT
Semivolatile Organics by GC/MS

Laboratory Sample Number	QC Matrix	QC Category	QC Lot Number (DCS)	QC Run Number (SCS/BLANK)
068854-0011-SA	SOIL	8270-MED-S	12 MAR 93-16B	30 MAR 93-16A

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METHOD BLANK REPORT
Semivolatile Organics by GC/MS

Test: 8270CPM-TCL-S
Matrix: SOIL
QC Lot: 12 MAR 93-16B QC Run: 30 MAR 93-16A

Analyte	Result	Units	Reporting Limit
Acenaphthene	ND	ug/kg	5000
Acenaphthylene	ND	ug/kg	5000
Anthracene	ND	ug/kg	5000
Benzo(a)anthracene	ND	ug/kg	5000
Benzo(a)pyrene	ND	ug/kg	5000
Benzo(b)fluoranthene	ND	ug/kg	5000
Benzo(g,h,i)perylene	ND	ug/kg	5000
Benzo(k)fluoranthene	ND	ug/kg	5000
Benzoic acid	ND	ug/kg	25000
Benzyl alcohol	ND	ug/kg	5000
4-Bromophenyl phenyl ether	ND	ug/kg	5000
Butyl benzyl phthalate	ND	ug/kg	5000
4-Chloroaniline	ND	ug/kg	5000
bis(2-Chloroethoxy)-methane	ND	ug/kg	5000
bis(2-Chloroethyl) ether	ND	ug/kg	5000
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	5000
4-Chloro-3-methylphenol	ND	ug/kg	5000
2-Chloronaphthalene	ND	ug/kg	5000
2-Chlorophenol	ND	ug/kg	5000
4-Chlorophenyl phenyl ether	ND	ug/kg	5000
Chrysene	ND	ug/kg	5000
Di-n-butyl phthalate	ND	ug/kg	5000
Dibenz(a,h)anthracene	ND	ug/kg	5000
Dibenzofuran	ND	ug/kg	5000
1,2-Dichlorobenzene	ND	ug/kg	5000
1,3-Dichlorobenzene	ND	ug/kg	5000
1,4-Dichlorobenzene	ND	ug/kg	5000
3,3'-Dichlorobenzidine	ND	ug/kg	10000
2,4-Dichlorophenol	ND	ug/kg	5000
Diethyl phthalate	ND	ug/kg	5000
2,4-Dimethylphenol	ND	ug/kg	5000
Dimethyl phthalate	ND	ug/kg	5000
4,6-Dinitro-2-methylphenol	ND	ug/kg	25000
2,4-Dinitrophenol	ND	ug/kg	25000
2,4-Dinitrotoluene	ND	ug/kg	5000
2,6-Dinitrotoluene	ND	ug/kg	5000
Di-n-octyl phthalate	ND	ug/kg	5000

METHOD BLANK REPORT
Semivolatile Organics by GC/MS (cont.)

Analyte	Result	Units	Reporting Limit
Test: 8270CPM-TCL-S			
Matrix: SOIL			
QC Lot: 12 MAR 93-16B QC Run: 30 MAR 93-16A			
bis(2-Ethylhexyl)-phthalate	ND	ug/kg	5000
Fluoranthene	ND	ug/kg	5000
Fluorene	ND	ug/kg	5000
Hexachlorobenzene	ND	ug/kg	5000
Hexachlorobutadiene	ND	ug/kg	5000
Hexachlorocyclopentadiene	ND	ug/kg	5000
Hexachloroethane	ND	ug/kg	5000
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5000
Isophorone	ND	ug/kg	5000
2-Methylnaphthalene	ND	ug/kg	5000
2-Methylphenol	ND	ug/kg	5000
4-Methylphenol	ND	ug/kg	5000
Naphthalene	ND	ug/kg	5000
2-Nitroaniline	ND	ug/kg	25000
3-Nitroaniline	ND	ug/kg	25000
4-Nitroaniline	ND	ug/kg	25000
Nitrobenzene	ND	ug/kg	5000
2-Nitrophenol	ND	ug/kg	5000
4-Nitrophenol	ND	ug/kg	25000
N-Nitrosodiphenylamine	ND	ug/kg	5000
N-Nitroso-di-n-propylamine	ND	ug/kg	5000
Pentachlorophenol	ND	ug/kg	25000
Phenanthrene	ND	ug/kg	5000
Phenol	ND	ug/kg	5000
Pyrene	ND	ug/kg	5000
1,2,4-Trichlorobenzene	ND	ug/kg	5000
2,4,5-Trichlorophenol	ND	ug/kg	5000
2,4,6-Trichlorophenol	ND	ug/kg	5000

Enseco
A Coming Company

DUPLICATE CONTROL SAMPLE REPORT
Semivolatile Organics by GC/MS

Analyte	Concentration Spiked	Measured DCS1	Measured DCS2	AVG	Accuracy Average(%) DCS	Limits	Precision (RPD) DCS	Limit
Category: 8270-MED-S								
Matrix: SOIL								
QC Lot: 12 MAR 93-16B								
Concentration Units: ug/Kg								
Phenol	100000	88000	84000	86000	86	22-110	4.7	25.0
2-Chlorophenol	100000	86000	83000	84500	85	40-116	3.6	22.0
1,4-Dichlorobenzene	50000	43000	42000	42500	85	39- 99	2.4	22.0
N-Nitroso-di-n-propylamine	50000	47000	45000	46000	92	38-107	4.3	21.0
4-Chloro-3-methylphenol	100000	71000	70000	70500	71	45-108	1.4	17.0
1,2,4-Trichlorobenzene	50000	43000	43000	43000	86	42-108	0.0	21.0
Acenaphthene	50000	42000	41000	41500	83	41-102	2.4	16.0
2,4-Dinitrotoluene	50000	38000	37000	37500	75	46-103	2.7	16.0
4-Nitrophenol	100000	86000	77000	81500	82	11-114	11	50.0
Pentachlorophenol	100000	67000	64000	65500	66	31-109	4.6	23.0
Pyrene	50000	45000	43000	44000	88	31-130	4.5	23.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

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SINGLE CONTROL SAMPLE REPORT
Semivolatile Organics by GC/MS

Analyte	Concentration Spiked	Concentration Measured	Accuracy(%) SCS	Accuracy(%) Limits
Category: 8270-MED-S				
Matrix: SOIL				
QC Lot: 12 MAR 93-16B QC Run: 30 MAR 93-16A				
Concentration Units: ug/kg				
Nitrobenzene-d5	50.0	32.4	65	23-120
2-Fluorobiphenyl	50.0	34.2	68	30-115
Terphenyl-d14	50.0	39.9	80	18-137
2-Fluorophenol	100	70.3	70	25-121
Phenol-d5	100	72.3	72	24-113
2,4,6-Tribromophenol	100	50.5	50	19-122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX)

Method 8020

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Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX)

Method 8020

Client Name: Industrial Compliance
Client ID: Composite 22516 through 22519
Lab ID: 068854-0009-SA
Matrix: SOIL Sampled: 30 MAR 93 Received: 30 MAR 93
Authorized: 30 MAR 93 Prepared: NA Analyzed: 30 MAR 93

Parameter	Result	Wet wt. Units	Reporting Limit
Benzene	ND	ug/kg	5.0
Toluene	ND	ug/kg	5.0
Ethylbenzene	ND	ug/kg	5.0
Xylenes (total)	ND	ug/kg	5.0
Surrogate	**Recovery**		
a,a,a-Trifluorotoluene	76	%	

ND = Not detected
NA = Not applicable

Reported By: Ann Marie Carroll Approved By: Jennifer Bavetta

The cover letter is an integral part of this report.
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Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX)

Method 8020

Client Name: Industrial Compliance
Client ID: Composite 22520 through 22523
Lab ID: 068854-0010-SA
Matrix: SOIL Sampled: 30 MAR 93 Received: 30 MAR 93
Authorized: 30 MAR 93 Prepared: NA Analyzed: 30 MAR 93

Parameter	Result	Wet wt. Units	Reporting Limit
Benzene	ND	ug/kg	5.0
Toluene	ND	ug/kg	5.0
Ethylbenzene	ND	ug/kg	5.0
Xylenes (total)	ND	ug/kg	5.0
Surrogate	**Recovery**		
a,a,a-Trifluorotoluene	72	%	

ND = Not detected
NA = Not applicable

Reported By: Ann Marie Carroll Approved By: Jennifer Bavetta

The cover letter is an integral part of this report.
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QC LOT ASSIGNMENT REPORT
Volatile Organics by GC

Laboratory Sample Number	QC Matrix	QC Category	QC Lot Number (DCS)	QC Run Number (SCS/BLANK)
068854-0009-SA	SOIL	8020-DP-S	30 MAR 93-40A	30 MAR 93-40A
068854-0010-SA	SOIL	8020-DP-S	30 MAR 93-40A	30 MAR 93-40A

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METHOD BLANK REPORT
Volatile Organics by GC

Analyte	Result	Units	Reporting Limit
Test: 8020-BTX-L-S			
Matrix: SOIL			
QC Lot: 30-MAR 93-40A QC Run: 30 MAR 93-40A			
Benzene	ND	ug/kg	5.0
Toluene	ND	ug/kg	5.0
Ethylbenzene	ND	ug/kg	5.0
Xylenes (total)	ND	ug/kg	5.0

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DUPLICATE CONTROL SAMPLE REPORT
Volatile Organics by GC

Analyte	Concentration Spiked	Measured DCS1	Measured DCS2	AVG	Accuracy Average(%) DCS	Accuracy Limits	Precision (RPD) DCS	Precision Limit
Category: 8020-DP-S Matrix: SOIL QC Lot: 30 MAR 93-40A Concentration Units: ug/kg								
Benzene	10.0	8.8	9.6	9.2	92	80-120	8.8	20.0
Toluene	10.0	9.7	11	10	102	75-125	8.5	20.0
Ethylbenzene	10.0	9.0	9.8	9.4	94	75-125	8.5	25.0
Xylenes (total)	30.0	27	29	28	94	75-125	9.6	25.0
1,3-Dichlorobenzene	10.0	9.1	10	9.7	97	70-130	11	25.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

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SINGLE CONTROL SAMPLE REPORT
Volatile Organics by GC

Analyte	Concentration Spiked	Measured	Accuracy(%) SCS	Limits
Category: 8020-DP-S				
Matrix: SOIL				
QC Lot: 30 MAR 93-40A QC Run: 30 MAR 93-40A				
Concentration Units: ug/kg				
a,a,a-Trifluorotoluene	20.0	18.1	90	80-120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Halogenated Volatile Organics - Method 8010

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Halogenated Volatile Organics

Method 8010

Client Name: Industrial Compliance
Client ID: Composite 22516 through 22523
Lab ID: 068854-0011-SA
Matrix: SOIL Sampled: 30 MAR 93 Received: 30 MAR 93
Authorized: 30 MAR 93 Prepared: 30 MAR 93 Analyzed: 30 MAR 93

Parameter	Result	Wet wt. Units	Reporting Limit
Chloromethane	ND	ug/kg	500
Bromomethane	ND	ug/kg	500
Vinyl chloride	ND	ug/kg	100
Chloroethane	ND	ug/kg	500
Methylene chloride	ND	ug/kg	500
1,1-Dichloroethene	ND	ug/kg	50
1,1-Dichloroethane	ND	ug/kg	50
1,2-Dichloroethene (cis/trans)	ND	ug/kg	50
Chloroform	ND	ug/kg	50
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND	ug/kg	500
1,2-Dichloroethane	ND	ug/kg	100
1,1,1-Trichloroethane	ND	ug/kg	50
Carbon tetrachloride	ND	ug/kg	50
Bromodichloromethane	ND	ug/kg	100
1,2-Dichloropropane	ND	ug/kg	100
trans-1,3-Dichloropropene	ND	ug/kg	100
Trichloroethene	ND	ug/kg	50
Dibromochloromethane	ND	ug/kg	100
cis-1,3-Dichloropropene	ND	ug/kg	200
1,1,2-Trichloroethane	ND	ug/kg	100
1,2-Dibromoethane	ND	ug/kg	200
Bromoform	ND	ug/kg	500
1,1,2,2-Tetrachloroethane	ND	ug/kg	100
Tetrachloroethene	ND	ug/kg	50
Chlorobenzene	ND	ug/kg	200

Surrogate	Recovery	
Bromochloromethane	88	%

ND = Not detected
NA = Not applicable

Reported By: Ann Marie Carroll Approved By: Jennifer Bavetta

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QC LOT ASSIGNMENT REPORT
Volatile Organics by GC

Laboratory Sample Number	QC Matrix	QC Category	QC Lot Number (DCS)	QC Run Number (SCS/BLANK)
068854-0011-SA	SOIL	8010-S	30 MAR 93-16A	30 MAR 93-16A

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METHOD BLANK REPORT
Volatile Organics by GC

Test: 8010-M-S
Matrix: SOIL
QC Lot: 30 MAR 93-16A QC Run: 30 MAR 93-16A

Analyte	Result	Units	Reporting Limit
Chloromethane	ND	ug/kg	500
Bromomethane	ND	ug/kg	500
Vinyl chloride	ND	ug/kg	100
Chloroethane	ND	ug/kg	500
Methylene chloride	ND	ug/kg	500
1,1-Dichloroethene	ND	ug/kg	50
1,1-Dichloroethane	ND	ug/kg	50
1,2-Dichloroethene (cis/trans)	ND	ug/kg	50
Chloroform	ND	ug/kg	50
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND	ug/kg	500
1,2-Dichloroethane	ND	ug/kg	100
1,1,1-Trichloroethane	ND	ug/kg	50
Carbon tetrachloride	ND	ug/kg	50
Bromodichloromethane	ND	ug/kg	100
1,2-Dichloropropane	ND	ug/kg	100
trans-1,3-Dichloropropene	ND	ug/kg	100
Trichloroethene	ND	ug/kg	50
Dibromochloromethane	ND	ug/kg	100
cis-1,3-Dichloropropene	ND	ug/kg	200
1,1,2-Trichloroethane	ND	ug/kg	100
1,2-Dibromoethane	ND	ug/kg	200
Bromoform	ND	ug/kg	500
1,1,2,2-Tetrachloroethane	ND	ug/kg	100
Tetrachloroethene	ND	ug/kg	50
Chlorobenzene	ND	ug/kg	200

DUPLICATE CONTROL SAMPLE REPORT
Volatile Organics by GC

Analyte	Concentration Spiked	Measured DCS1	Measured DCS2	AVG	Accuracy Average(%) DCS	Accuracy Limits	Precision (RPD) DCS	Precision Limit
Category: 8010-S Matrix: SOIL QC Lot: 30 MAR 93-16A Concentration Units: ug/kg								
1,1-Dichloroethane	1000	940	974	957	96	77-123	3.6	13.0
Chloroform	1000	967	989	978	98	78-120	2.2	15.0
Bromodichloromethane	1000	976	1030	1000	100	77-129	5.4	13.0
Trichloroethene	1000	940	1010	975	98	73-116	7.2	15.0
Chlorobenzene	1000	993	974	984	98	82-120	1.9	13.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

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SINGLE CONTROL SAMPLE REPORT
Volatile Organics by GC

Analyte	Concentration Spiked	Measured	Accuracy(%) SCS	Limits
Category: 8010-S				
Matrix: SOIL				
QC Lot: 30 MAR 93-16A QC Run: 30 MAR 93-16A				
Concentration Units: ug/kg				
Bromochloromethane	400	343	86	58-112

Calculations are performed before rounding to avoid round-off errors in calculated results.

Total Petroleum Hydrocarbons - Method P/T-GAS-TR

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Total Petroleum Hydrocarbons (Gasoline)

Method 5030/GC/FID

Client Name: Industrial Compliance
Client ID: Composite 22516 through 22519
Lab ID: 068854-0009-SA
Matrix: SOIL Sampled: 29 MAR 93 Received: 30 MAR 93
Authorized: 30 MAR 93 Prepared: NA Analyzed: 31 MAR 93

Parameter	Result	Units	Reporting Limit
Gasoline	ND	ug/kg	1000
Hydrocarbon mixture	ND	ug/kg	1000
Surrogate	**Recovery**		
4-Bromofluorobenzene	68	%	

ND = Not detected
NA = Not applicable

Reported By: Ann Marie Carroll Approved By: Jennifer Bavetta

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Total Petroleum Hydrocarbons (Gasoline)

Method 5030/GC/FID

Client Name: Industrial Compliance
Client ID: Composite 22520 through 22523
Lab ID: 068854-0010-SA
Matrix: SOIL Sampled: 29 MAR 93 Received: 30 MAR 93
Authorized: 30 MAR 93 Prepared: NA Analyzed: 31 MAR 93

Parameter	Result	Units	Reporting Limit
Gasoline	ND	ug/kg	1000
Hydrocarbon mixture	ND	ug/kg	1000
Surrogate	**Recovery**		
4-Bromofluorobenzene	70	%	

ND = Not detected
NA = Not applicable

Reported By: Ann Marie Carroll Approved By: Jennifer Bavetta

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QC LOT ASSIGNMENT REPORT
Hydrocarbon Work Cell

Laboratory Sample Number	QC Matrix	QC Category	QC Lot Number (DCS)	QC Run Number (SCS/BLANK)
068854-0009-SA	SOIL	TPH-GAS-S	31 MAR 93-19A	31 MAR 93-19A
068854-0010-SA	SOIL	TPH-GAS-S	31 MAR 93-19A	31 MAR 93-19A

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METHOD BLANK REPORT
Hydrocarbon Work Cell

Analyte	Result	Units	Reporting Limit
Test: TPH-GAS-TR-L-S			
Matrix: SOIL			
QC Lot: 31 MAR 93-19A QC Run: 31 MAR 93-19A			
Gasoline	ND	ug/kg	1000
Hydrocarbon mixture	ND	ug/kg	1000

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DUPLICATE CONTROL SAMPLE REPORT
Hydrocarbon Work Cell

Analyte	Concentration Spiked	Measured DCS1	Measured DCS2	Measured AVG	Accuracy Average(%) DCS	Accuracy Limits	Precision (RPD) DCS	Precision (RPD) Limit
Category: TPH-GAS-S Matrix: SOIL QC Lot: 31 MAR 93-19A Concentration Units: mg/kg								
Gasoline	2.00	2.26	2.21	2.24	112	82-115	2.2	24.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

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SINGLE CONTROL SAMPLE REPORT
Hydrocarbon Work Cell

Analyte	Concentration Spiked	Measured	Accuracy(%) SCS	Limits
Category: TPH-GAS-S				
Matrix: SOIL				
QC Lot: 31 MAR 93-19A QC Run: 31 MAR 93-19A				
Concentration Units: mg/kg				
4-Bromofluorobenzene	0.0400	0.0395	99	70-130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Total Petroleum Hydrocarbons by GC/FID - Method TPH-D-TRIREGIONAL

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Total Petroleum Hydrocarbons by GC/FID (Triregional)

Method TPH-D-TRIREGIONAL

Client Name: Industrial Compliance
Client ID: Composite 22516 through 22519
Lab ID: 068854-0009-SA
Matrix: SOIL Sampled: 30 MAR 93 Received: 30 MAR 93
Authorized: 30 MAR 93 Prepared: 30 MAR 93 Analyzed: 31 MAR 93

Parameter	Result	Units	Reporting Limit	
Diesel Fuel	ND	mg/kg	150	R
Hydrocarbon mixture	940	mg/kg	50	1

Note R : Raised reporting limit(s) due to high analyte level(s).

Note 1 : The hydrocarbon pattern present in this sample elutes in the range between C-11 and C-24. Quantitation is based upon a diesel reference in the range between C-10 and C-24.

ND = Not detected
NA = Not applicable

Reported By: Jennifer Bavetta Approved By: Don Absher

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Total Petroleum Hydrocarbons by GC/FID (Triregional)

Method TPH-D-TRIREGIONAL

Client Name: Industrial Compliance
Client ID: Composite 22520 through 22523
Lab ID: 068854-0010-SA
Matrix: SOIL Sampled: 30 MAR 93 Received: 30 MAR 93
Authorized: 30 MAR 93 Prepared: 30 MAR 93 Analyzed: 31 MAR 93

Parameter	Result	Units	Reporting Limit	
Diesel Fuel	ND	mg/kg	15	R
Hydrocarbon mixture	49	mg/kg	5.0	1

Note R : Raised reporting limit(s) due to high analyte level(s).

Note 1 : The hydrocarbon pattern present in this sample elutes from C-11 past C-30. Quantitation is based upon a diesel reference in the range between C-10 and C-24.

ND = Not detected
NA = Not applicable

Reported By: Jennifer Bavetta Approved By: Don Absher

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QC LOT ASSIGNMENT REPORT
Hydrocarbon Work Cell

Laboratory Sample Number	QC Matrix	QC Category	QC Lot Number (DCS)	QC Run Number (SCS/BLANK)
068854-0009-SA	SOIL	TPH-D-TR-S	30 MAR 93-16A	30 MAR 93-16A
068854-0010-SA	SOIL	TPH-D-TR-S	30 MAR 93-16A	30 MAR 93-16A

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METHOD BLANK REPORT
Hydrocarbon Work Cell

Analyte	Result	Units	Reporting Limit
Test: TPH-D-TR-S			
Matrix: SOIL			
QC Lot: 30 MAR 93-16A QC Run: 30 MAR 93-16A			
Diesel Fuel	ND	mg/kg	1.0
Hydrocarbon mixture	ND	mg/kg	1.0

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DUPLICATE CONTROL SAMPLE REPORT
Hydrocarbon Work Cell

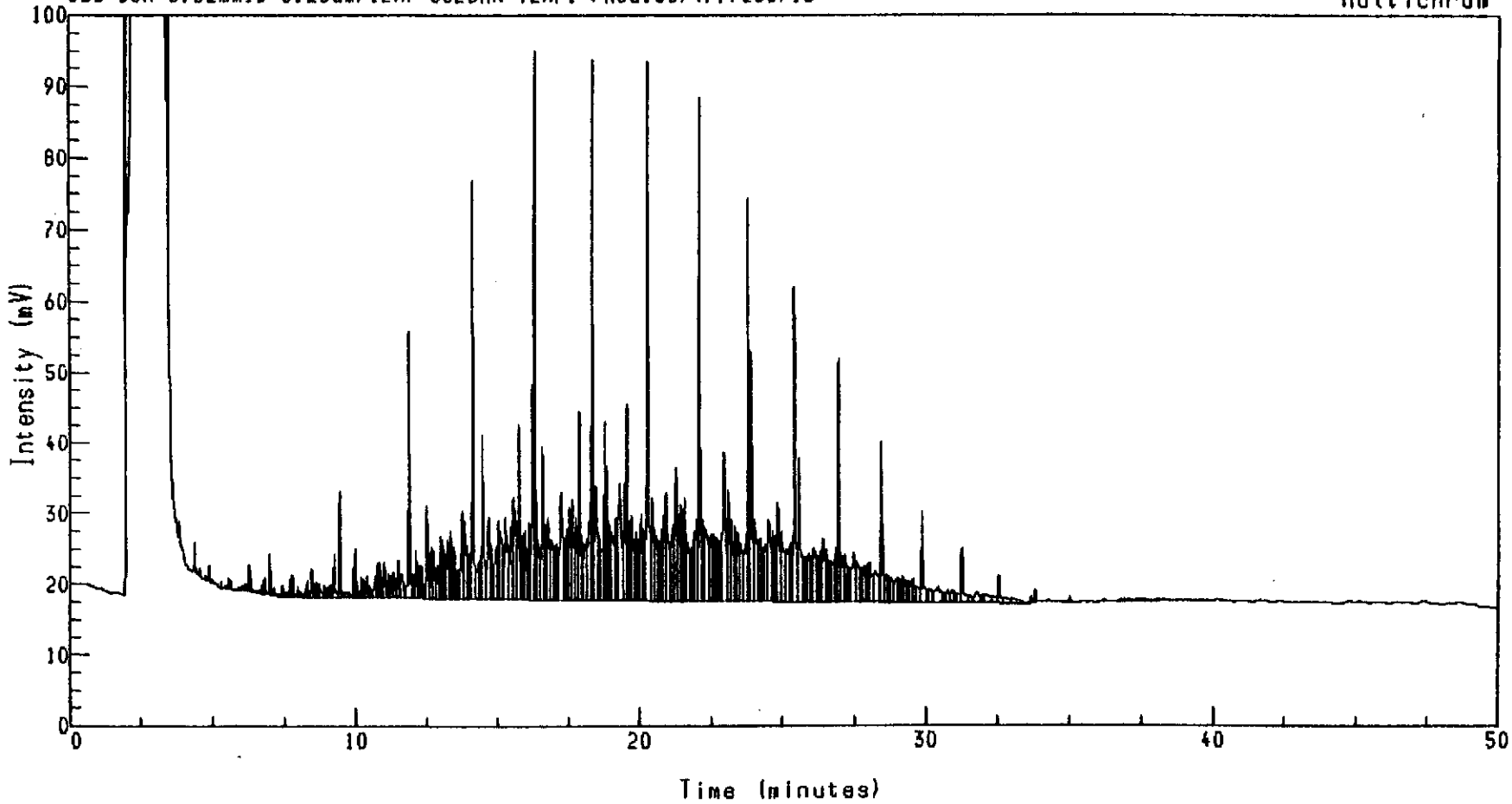
Analyte	Concentration Spiked	Measured DCS1	Measured DCS2	AVG	Accuracy Average(%) DCS	Accuracy Limits	Precision (RPD) DCS Limit
Category: TPH-D-TR-S Matrix: SOIL QC Lot: 30 MAR 93-16A Concentration Units: mg/kg							
Diesel Fuel	10.0	9.54	9.39	9.46	95	53-118	1.6 30.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Enseco-Cal Lab Chromatography

Analysis Name : [MARCH] 14 D0D30MAR931625,4,1.
100 PPM DSL H030893D Amount : 1.000
DB5 60M 0.32mmID 0.25umFILM/ COLUMN TEMP. PROG.50/4/7/280/15

Multichrom



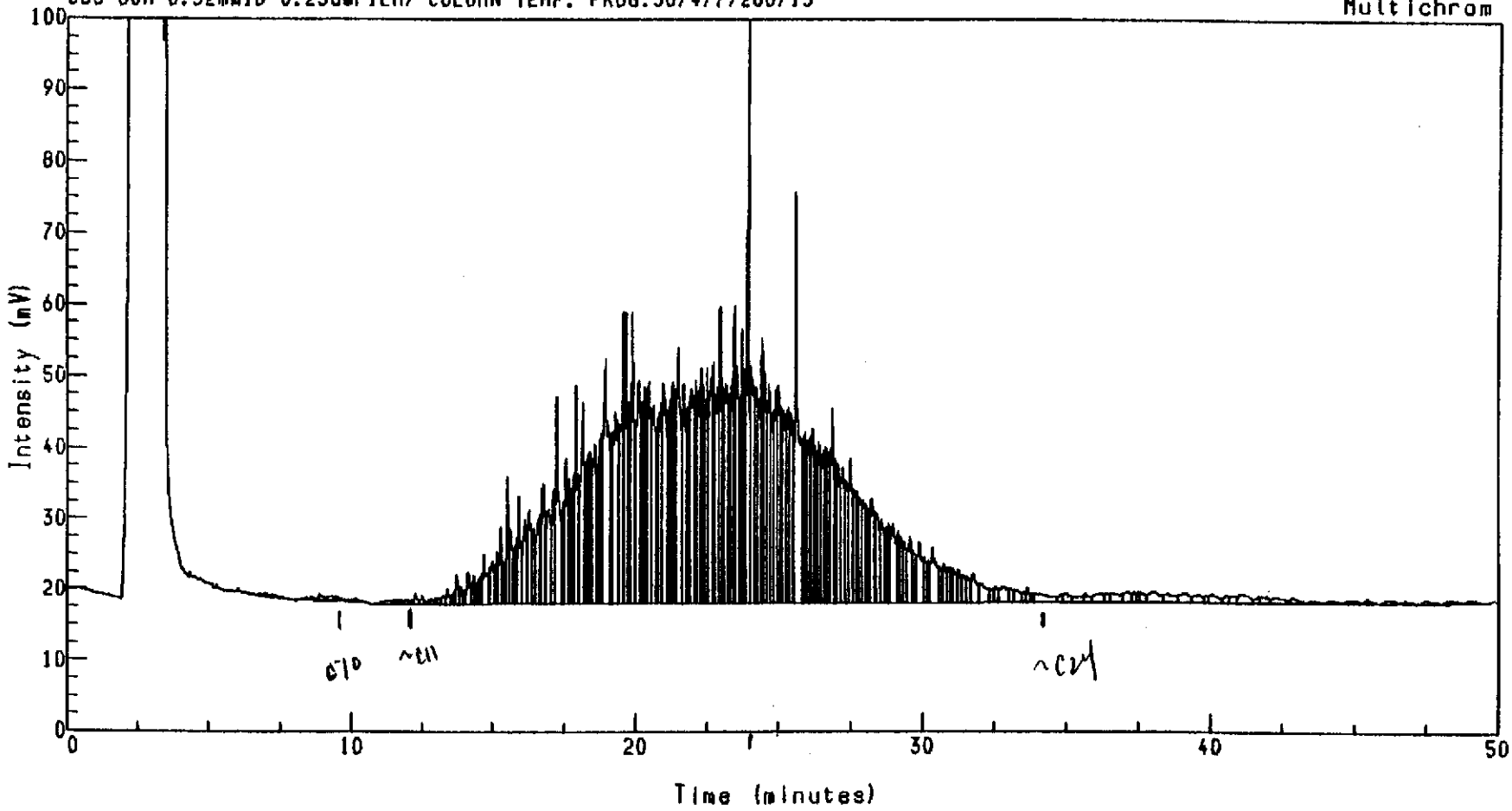
Instrument : GC #28
Channel Title : Varian 3700 FID
Lims ID :
Acquired on 31-MAR-1993 at 10:37
Reported on 31-MAR-1993 at 11:33

Method : GC28_TR
Calibration : TR15MAR
Run Sequence : D0D

Enseco-Cal Lab Chromatography

Analysis Name : [MARCH] 14 DOD30MAR931625,2,1.
68854-9 30G/150ML Amount : 1.000
DB5 60M 0.32mmID 0.25umFILM/ COLUMN TEMP. PROG.50/4/7/280/15

Multichrom



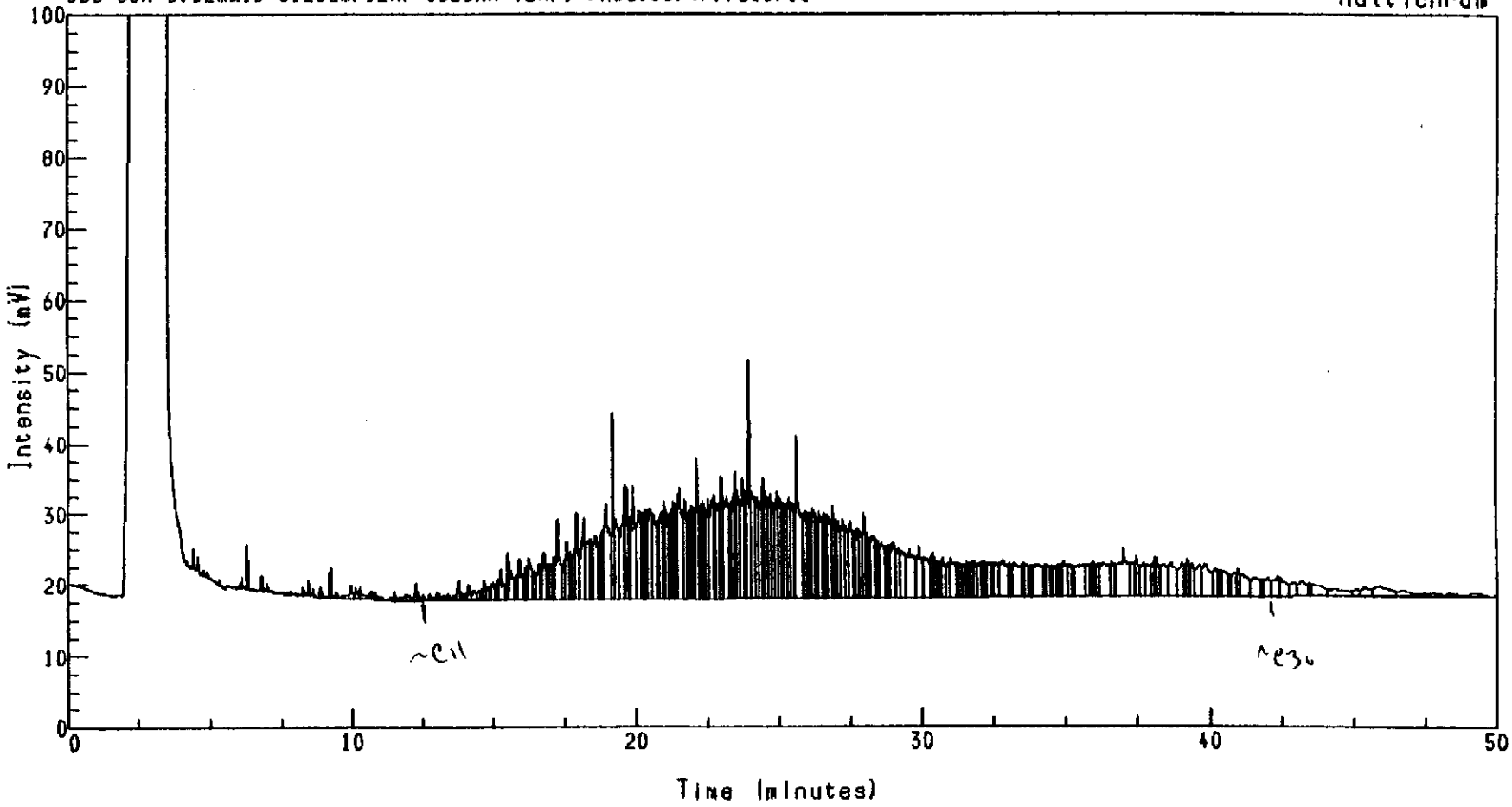
Instrument : GC #2B
Channel Title : Varian 3700 FID
Lims ID :
Acquired on 31-MAR-1993 at 08:34
Reported on 31-MAR-1993 at 09:30

Method : GC2B_TR
Calibration : TR15MAR
Run Sequence : DOD

Enseco-Cal Lab Chromatography

Analysis Name : [MARCH] 14 DOD30MAR931625,3,1.
68854-10 30G/15ML Amount : 1.000
DB5 60M 0.32mmID 0.25umFILM/ COLUMN TEMP. PROG.50/4/7/280/15

Multichrom



Instrument : GC #2B
Channel Title : Varian 3700 FID
Lims ID :
Acquired on 31-MAR-1993 at 09:36
Reported on 31-MAR-1993 at 10:32

Method : GC2B_TR
Calibration : TR15MAR
Run Sequence : DOD

Selected Metals - Various Methods

Enseco
A Corning Company

ICP Scan

(soil)

Client Name: Industrial Compliance
Client ID: Composite 22516 through 22523
Lab ID: 068854-0011-SA
Matrix: SOIL Sampled: 29 MAR 93 Received: 30 MAR 93
Authorized: 30 MAR 93 Prepared: See Below Analyzed: See Below

Parameter	Result	Wet wt. Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Arsenic	ND	mg/kg	10.0	6010	30 MAR 93	31 MAR 93
Barium	155	mg/kg	1.0	6010	30 MAR 93	31 MAR 93
Cadmium	ND	mg/kg	0.50	6010	30 MAR 93	31 MAR 93
Chromium	45.5	mg/kg	1.0	6010	30 MAR 93	31 MAR 93
Cobalt	6.1	mg/kg	1.0	6010	30 MAR 93	31 MAR 93
Copper	90.5	mg/kg	2.0	6010	30 MAR 93	31 MAR 93
Lead	118	mg/kg	5.0	6010	30 MAR 93	31 MAR 93
Mercury	0.19	mg/kg	0.10	7471	30 MAR 93	30 MAR 93
Nickel	40.6	mg/kg	4.0	6010	30 MAR 93	31 MAR 93
Zinc	171	mg/kg	2.0	6010	30 MAR 93	31 MAR 93

ND = Not detected
NA = Not applicable

Reported By: Evin Mckinney Approved By: Mei Lai

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QC LOT ASSIGNMENT REPORT
Metals Analysis and Preparation

Laboratory Sample Number	QC Matrix	QC Category	QC Lot Number (DCS)	QC Run Number (SCS/BLANK)
068854-0011-SA	SOIL	ICP-S	29 MAR 93-T	30 MAR 93-N
068854-0011-SA	SOIL	HG-CVAA-S	30 MAR 93-N	30 MAR 93-N

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METHOD BLANK REPORT
Metals Analysis and Preparation

Analyte	Result	Units	Reporting Limit
Test: ICP-SCAN-S			
Matrix: SOIL			
QC Lot: 29 MAR 93-T QC Run: 30 MAR 93-N			
Arsenic	ND	mg/kg	10.0
Barium	ND	mg/kg	1.0
Cadmium	ND	mg/kg	0.50
Chromium	ND	mg/kg	1.0
Cobalt	ND	mg/kg	1.0
Copper	ND	mg/kg	2.0
Lead	ND	mg/kg	5.0
Nickel	ND	mg/kg	4.0
Zinc	ND	mg/kg	2.0
Test: HG-CVAA-S			
Matrix: SOIL			
QC Lot: 30 MAR 93-N QC Run: 30 MAR 93-N			
Mercury	ND	mg/kg	0.10

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DUPLICATE CONTROL SAMPLE REPORT
Metals Analysis and Preparation

Analyte	Concentration Spiked	Measured DCS1	Measured DCS2	Measured AVG	Accuracy Average(%) DCS	Accuracy Average(%) Limits	Precision (RPD) DCS	Precision (RPD) Limit
Category: ICP-S Matrix: SOIL QC Lot: 29 MAR 93-T Concentration Units: mg/kg								
Aluminum	10700	12500	12000	12200	114	46-153	4.1	20.0
Antimony	55.2	51.1	51.7	51.4	93	18-362	1.1	20.0
Arsenic	145	176	168	172	119	59-140	4.6	20.0
Barium	503	588	561	575	114	76-123	4.8	20.0
Beryllium	129	150	145	147	114	69-131	3.4	20.0
Cadmium	154	180	172	176	114	69-131	4.4	20.0
Calcium	7390	8230	7920	8070	109	79-120	3.8	20.0
Chromium	151	175	167	171	113	66-133	5.0	20.0
Cobalt	122	143	137	140	115	70-129	4.0	20.0
Copper	162	192	182	187	115	67-132	5.2	20.0
Iron	15400	18200	17500	17800	116	65-134	4.4	20.0
Lead	148	173	165	169	114	65-135	4.7	20.0
Lithium	11.84	14.0	13.4	13.7	116#	92-107	4.4	20.0
Magnesium	3740	4410	4220	4320	115	74-125	4.5	20.0
Manganese	423	503	481	492	116	74-125	4.5	20.0
Molybdenum	159	186	182	184	116	71-128	2.5	20.0
Nickel	166	198	192	195	118	67-132	3.2	20.0
Potassium	4050	4380	4150	4260	105	68-131	5.4	20.0
Selenium	143	168	167	168	117	67-132	0.5	20.0
Silver	104	114	108	111	107	75-124	5.4	20.0
Sodium	747	852	787	819	110	56-129	8.0	20.0
Thallium	85.1	113	100	107	125	51-148	12	20.0
Titanium	413.68	377	398	388	94	81-118	5.4	20.0
Vanadium	154	178	171	174	113	73-127	4.5	20.0
Zinc	530	636	609	623	118	65-134	4.3	20.0
Category: HG-CVAA-S Matrix: SOIL QC Lot: 30 MAR 93-N Concentration Units: mg/kg								
Mercury	29	32.5	32.8	32.6	113	51-148	1.2	20.0

= Recovery outside QC Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

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SINGLE CONTROL SAMPLE REPORT
Metals Analysis and Preparation

Analyte	Concentration Spiked	Concentration Measured	Accuracy(%) SCS	Accuracy(%) Limits
Category: ICP-S				
Matrix: SOIL				
QC Lot: 29 MAR 93-T QC Run: 30 MAR 93-N				
Concentration Units: mg/kg				
Aluminum	10700	13600	127	46-153
Antimony	55.2	97.2	176	18-362
Arsenic	145	159	110	59-140
Barium	503	536	106	76-123
Beryllium	129	148	115	69-131
Boron	NA	ND	NC	0- 0
Cadmium	154	175	113	68-131
Calcium	7390	8130	110	79-120
Chromium	151	168	111	66-133
Cobalt	122	133	109	70-129
Copper	162	180	111	67-132
Iron	15400	18300	119	65-134
Lead	148	159	107	65-135
Lithium	11.8	14.6	123#	92-107
Magnesium	3740	4370	117	74-125
Manganese	423	475	112	74-125
Molybdenum	159	179	113	71-128
Nickel	166	187	113	67-132
Potassium	4050	4430	109	68-131
Selenium	143	148	103	67-132
Silver	104	109	104	75-134
Sodium	747	847	113	56-129
Thallium	85.1	90.8	107	51-148
Tin	NA	ND	NC	0- 0
Titanium	414	527	127#	81-118
Vanadium	154	169	110	73-127
Zinc	530	594	112	65-134

# = Recovery outside QC Limits
ND = Not detected.
NC = Not calculated, calculation not applicable.
NA = Not applicable.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Enseco
A Corning Company

April 7, 1993
ENSECO CAL LAB PROJECT NUMBER: 068892
PO/CONTRACT: 05100535

Evelyn Ransom
Industrial Compliance
9719 Lincoln Village Drive
Suite 310
Sacramento, CA 95827

Dear Ms. Ransom:

This report contains the analytical results for the three soil samples which were assigned Enseco Cal Lab ID 068854. The samples were re-logged on 1 April 1993.

The case narrative is an integral part of this report.

Preliminary data was sent to you via facsimle on 2 and 5 April 1993. Work was processed according to the change order dated 1 April 1993.

If you have any questions, please call me at (916) 374-4300.

Sincerely,

Bonnie McNeill

Bonnie McNeill
Project Manager

ks

Enseco Incorporated
2544 Industrial Boulevard
West Sacramento, California 95691
916/372-1393 Fax: 916/372-7768

Enseco
A Corning Company

TABLE OF CONTENTS

ENSECO CAL LAB PROJECT NUMBER 068892

Enseco
A Corning Company

CASE NARRATIVE

ENSECO CAL LAB PROJECT NUMBER 068892

There were no anomalies associated with this report.

ENSECO CAL LAB'S QUALITY ASSURANCE PROGRAM

Enseco Cal Lab has implemented an extensive Quality Assurance (QA) program to ensure the production of scientifically sound, legally defensible data of known documental quality. A key element of this program is Enseco's Laboratory Control Sample (LCS) system. Controlling lab operations with LCS (as opposed to matrix spike/matrix spike duplicate samples), allows the lab to differentiate between bias as a result of procedural errors versus bias due to matrix effects. The analyst can then identify and implement the appropriate corrective actions at the bench level, without waiting for extensive senior level review or costly and time-consuming sample re-analyses. The LCS program also provides our client with information to assess batch, and overall laboratory performance.

Laboratory Control Samples - (LCS)

Laboratory Control Samples (LCS) are well-characterized, laboratory generated samples used to monitor the laboratory's day-to-day performance of routine analytical methods. The results of the LCS are compared to well-defined laboratory acceptance criteria to determine whether the laboratory system is "in control". Three types of LCS are routinely analyzed: Duplicate Control Samples (DCS), Single Control Samples (SCS), and method blanks. Each of these LCS are described below.

Duplicate Control Samples. A DCS is a well-characterized matrix (blank water, sand, sodium sulfate or celite) which is spiked with certain target parameters and analyzed at approximately 10% of the sample load in order to establish method-specific control limits.

Single Control Samples. An SCS consists of a control matrix that is spiked with surrogate compounds appropriate to the method being used. In cases where no surrogate is available, (e.g. metals or conventional analyses) a single control sample identical to the DCS serves as the control sample. An SCS is prepared for each sample lot. Accuracy is calculated identically to the DCS.

Method Blank Results. A method blank is a laboratory-generated sample which assesses the degree to which laboratory operations and procedures cause false-positive analytical results for your samples.

Enseco
A Corning Company

SAMPLE DESCRIPTION INFORMATION
for
Industrial Compliance

Lab ID	Client ID	Matrix	Sampled Date	Sampled Time	Received Date
068892-0001-SA	Composite of 22516->22519	SOIL	29 MAR 93	10:30	01 APR 93
068892-0002-SA	Composite of 22520->22523	SOIL	29 MAR 93	11:00	01 APR 93
068892-0003-SA	Composite of 22516->22523	SOIL	29 MAR 93		01 APR 93

Total Lead, C.C.R. Lead, STLC - Methods 6010

Enseco
A Corning Company

METALS

(Soil/Solid - Total)

Client Name: Industrial Compliance
Client ID: Composite of 22516->22519
Lab ID: 068892-0001-SA
Matrix: SOIL Sampled: 29 MAR 93 Received: 01 APR 93
Authorized: 01 APR 93 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Lead	132	mg/kg	5.0	6010	01 APR 93	01 APR 93

ND = Not detected
NA = Not applicable

Reported By: Evin Mckinney Approved By: Robert Weidenfeld

The cover letter is an integral part of this report.
Rev 230787

Enseco
A Corning Company

METALS

(Soil/Solid - Total)

Client Name: Industrial Compliance
Client ID: Composite of 22520->22523
Lab ID: 068892-0002-SA
Matrix: SOIL Sampled: 29 MAR 93 Received: 01 APR 93
Authorized: 01 APR 93 Prepared: See Below Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Lead	60.6	mg/kg	5.0	6010	01 APR 93	01 APR 93

ND = Not detected
NA = Not applicable

Reported By: Evin Mckinney Approved By: Robert Weidenfeld

The cover letter is an integral part of this report.
Rev 230787

Enseco
A Corning Company

C.C.R. METALS
California Title 22 (Title 26) Protocol
STLC Data Sheet (Citrate Buffer Leachate)

Client Name: Industrial Compliance
Client ID: Composite of 22516->22523
Lab ID: 068892-0003-SA
Matrix: SOIL Sampled: 29 MAR 93 Received: 01 APR 93
Authorized: 01 APR 93 Prepared: See Below Analyzed: See Below

Parameter	Result	Wet wt. Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Lead	8.1	mg/L	0.50	6010	03 APR 93	05 APR 93

ND = Not detected
NA = Not applicable

Reported By: Evin Mckinney Approved By: William Charlton

The cover letter is an integral part of this report.
Rev 230787

Enseco
A Corning Company

QC LOT ASSIGNMENT REPORT
Metals Analysis and Preparation

Laboratory Sample Number	QC Matrix	QC Category	QC Lot Number (DCS)	QC Run Number (SCS/BLANK)
068892-0001-SA	SOIL	ICP-S	29 MAR 93-T	01 APR 93-N
068892-0002-SA	SOIL	ICP-S	29 MAR 93-T	01 APR 93-N

Enseco
A Corning Company

METHOD BLANK REPORT
Metals Analysis and Preparation

Analyte	Result	Units	Reporting Limit
Test: PB-ICP-S			
Matrix: SOIL			
QC Lot: 29 MAR 93-T QC Run: 01 APR 93-N			
Lead	ND	mg/kg	5.0

Enseco
A Corning Company

DUPLICATE CONTROL SAMPLE REPORT
Metals Analysis and Preparation

Analyte	Concentration Spiked	Measured DCS1	Measured DCS2	Measured AVG	Accuracy Average(%) DCS	Accuracy Limits	Precision (RPD) DCS	Precision (RPD) Limit
Category: ICP-S								
Matrix: SOIL								
QC Lot: 29 MAR 93-T								
Concentration Units: mg/kg								
Aluminum	10700	12500	12000	12200	114	46-153	4.1	20.0
Antimony	55.2	51.1	51.7	51.4	93	18-362	1.1	20.0
Arsenic	145	176	168	172	119	59-140	4.6	20.0
Barium	503	588	561	575	114	76-123	4.8	20.0
Beryllium	129	150	145	147	114	69-131	3.4	20.0
Cadmium	154	180	172	176	114	69-131	4.4	20.0
Calcium	7390	8230	7920	8070	109	79-120	3.8	20.0
Chromium	151	175	167	171	113	66-133	5.0	20.0
Cobalt	122	143	137	140	115	70-129	4.0	20.0
Copper	162	192	182	187	115	67-132	5.2	20.0
Iron	15400	18200	17500	17800	116	65-134	4.4	20.0
Lead	148	173	165	169	114	65-135	4.7	20.0
Lithium	11.84	14.0	13.4	13.7	116#	92-107	4.4	20.0
Magnesium	3740	4410	4220	4320	115	74-125	4.5	20.0
Manganese	423	503	481	492	116	74-125	4.5	20.0
Molybdenum	159	186	182	184	116	71-128	2.5	20.0
Nickel	166	198	192	195	118	67-132	3.2	20.0
Potassium	4050	4380	4150	4260	105	68-131	5.4	20.0
Selenium	143	168	167	168	117	67-132	0.5	20.0
Silver	104	114	108	111	107	75-124	5.4	20.0
Sodium	747	852	787	819	110	56-129	8.0	20.0
Thallium	85.1	113	100	107	125	51-148	12	20.0
Titanium	413.68	377	398	388	94	81-118	5.4	20.0
Vanadium	154	178	171	174	113	73-127	4.5	20.0
Zinc	530	636	609	623	118	65-134	4.3	20.0

= Recovery outside QC Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

Enseco
A Corning Company

SINGLE CONTROL SAMPLE REPORT
Metals Analysis and Preparation

Category: ICP-S
Matrix: SOIL
QC Lot: 29 MAR 93-T QC Run: 01 APR 93-N
Concentration Units: mg/kg

Analyte	Concentration Spiked	Measured	Accuracy(%) SCS	Limits
Aluminum	10700	ND	NC	46-153
Antimony	55.2	ND	NC	18-362
Arsenic	145	ND	NC	59-140
Barium	503	ND	NC	76-123
Beryllium	129	ND	NC	69-131
Boron		ND	NC	0- 0
Cadmium	154	ND	NC	68-131
Calcium	7390	ND	NC	79-120
Chromium	151	ND	NC	66-133
Cobalt	122	ND	NC	70-129
Copper	162	ND	NC	67-132
Iron	15400	ND	NC	65-134
Lead	148	137	93	65-135
Lithium	11.8	ND	NC	92-107
Magnesium	3740	ND	NC	74-125
Manganese	423	ND	NC	74-125
Molybdenum	159	ND	NC	71-128
Nickel	166	ND	NC	67-132
Potassium	4050	ND	NC	68-131
Selenium	143	ND	NC	67-132
Silver	104	ND	NC	75-134
Sodium	747	ND	NC	56-129
Thallium	85.1	ND	NC	51-148
Tin		ND	NC	0- 0
Titanium	414	ND	NC	81-118
Vanadium	154	ND	NC	73-127
Zinc	530	ND	NC	65-134

ND = Not detected.
NC = Not calculated, calculation not applicable.
NA = Not applicable.

Calculations are performed before rounding to avoid round-off errors in calculated results.

California Analytical
Laboratory

Enseco
A Corning Company

April 16, 1993
ENSECO CAL LAB PROJECT NUMBER: 069054
PO/CONTRACT: 05100535

Evelyn Ransom
Industrial Compliance
9719 Lincoln Village Drive
Suite 310
Sacramento, CA 95827

Dear Ms. Ransom:

This report contains the analytical results for the two soil samples which were assigned Enseco Cal Lab ID 068892. The samples were re-logged on 30 March 1993.

The case narrative is an integral part of this report.

Preliminary data was sent to you via facsimle on 16 April 1993. Work was processed according to the change order dated 12 April 1993.

If you have any questions, please call me at (916) 374-4300.

Sincerely,

Bonnie McNeill

Bonnie McNeill
Project Manager

dju

Enseco Incorporated
2544 Industrial Boulevard
West Sacramento, California 95691
916/372-1393 Fax: 916/372-7768

Enseco
A Corning Company

TABLE OF CONTENTS

ENSECO CAL LAB PROJECT NUMBER 069054

Enseco
A Corning Company

CASE NARRATIVE

ENSECO CAL LAB PROJECT NUMBER 069054

There were no anomalies associated with this report.

ENSECO CAL LAB'S QUALITY ASSURANCE PROGRAM

Enseco Cal Lab has implemented an extensive Quality Assurance (QA) program to ensure the production of scientifically sound, legally defensible data of known documental quality. A key element of this program is Enseco's Laboratory Control Sample (LCS) system. Controlling lab operations with LCS (as opposed to matrix spike/matrix spike duplicate samples), allows the lab to differentiate between bias as a result of procedural errors versus bias due to matrix effects. The analyst can then identify and implement the appropriate corrective actions at the bench level, without waiting for extensive senior level review or costly and time-consuming sample re-analyses. The LCS program also provides our client with information to assess batch, and overall laboratory performance.

Laboratory Control Samples - (LCS)

Laboratory Control Samples (LCS) are well-characterized, laboratory generated samples used to monitor the laboratory's day-to-day performance of routine analytical methods. The results of the LCS are compared to well-defined laboratory acceptance criteria to determine whether the laboratory system is "in control". Three types of LCS are routinely analyzed: Duplicate Control Samples (DCS), Single Control Samples (SCS), and method blanks. Each of these LCS are described below.

Duplicate Control Samples. A DCS is a well-characterized matrix (blank water, sand, sodium sulfate or celite) which is spiked with certain target parameters and analyzed at approximately 10% of the sample load in order to establish method-specific control limits.

Single Control Samples. An SCS consists of a control matrix that is spiked with surrogate compounds appropriate to the method being used. In cases where no surrogate is available, (e.g. metals or conventional analyses) a single control sample identical to the DCS serves as the control sample. An SCS is prepared for each sample lot. Accuracy is calculated identically to the DCS.

Method Blank Results. A method blank is a laboratory-generated sample which assesses the degree to which laboratory operations and procedures cause false-positive analytical results for your samples.

Enseco
A Corning Company

SAMPLE DESCRIPTION INFORMATION
for
Industrial Compliance

Lab ID	Client ID	Matrix	Sampled Date	Sampled Time	Received Date
069054-0001-SA	Comp of 22516-thru-22519	SOIL	29 MAR 93		30 MAR 93
069054-0002-SA	Comp of 22520-thru-22523	SOIL	29 MAR 93		30 MAR 93

Enseco
A Corning Company

C.C.R. METALS
California Title 22 (Title 26) Protocol
STLC Data Sheet (Citrate Buffer Leachate)

Client Name: Industrial Compliance
Client ID: Comp of 22516-thru-22519
Lab ID: 069054-0001-SA
Matrix: SOIL
Authorized: 12 APR 93

Sampled: 29 MAR 93
Prepared: See Below

Received: 30 MAR 93
Analyzed: See Below

Parameter	Result	Wet wt. Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Lead	8.1	mg/L	0.50	6010	12 APR 93	15 APR 93

ND = Not detected
NA = Not applicable

Reported By: Evin Mckinney

Approved By: William Charlton

The cover letter is an integral part of this report.
Rev 230787

Enseco
A Corning Company

C.C.R. METALS
California Title 22 (Title 26) Protocol
STLC Data Sheet (Citrate Buffer Leachate)

Client Name: Industrial Compliance
Client ID: Comp of 22520-thru-22523
Lab ID: 069054-0002-SA
Matrix: SOIL
Authorized: 12 APR 93

Sampled: 29 MAR 93
Prepared: See Below

Received: 30 MAR 93
Analyzed: See Below

Parameter	Result	Wet wt. Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Lead	3.5	mg/L	0.50	6010	12 APR 93	15 APR 93

ND = Not detected
NA = Not applicable

Reported By: Evin Mckinney

Approved By: William Charlton

The cover letter is an integral part of this report.
Rev 230787

APPENDIX C

CHAIN-OF-CUSTODY DOCUMENTS

SP - EVS CHAIN-OF-CUSTODY RECORD

No. 11618

SP - Environmental Systems, Inc. • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME	PROJECT LOCATION
1300 Wood Street	Oakland CA

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
65553	Scott Gable	(916) 369-8971

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Mark Detterman

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TPH w/ Fuel ID, BTEX EPA 8260	REMARKS
1	26989	10-22	9:[illegible]		X	Boring A-1 @ 2.25' Soil	1	✓	
2	26990	1	10:[illegible]		X	Boring A-1 @ 5.5' Soil	1	✓	
3	26988	1	10:[illegible]		X	Boring A-1 @ 8.5' Soil	1		HOLD
4	26987	↓	11:[illegible]		X	Boring A-2 @ 2.5' Soil	1	✓	
5	26986	↓	12:[illegible]		X	Boring A-2 @ 5.5' Soil	1	✓	
6	26985	↓	12:45		X	Boring A-2 @ 8.5-9' Soil	1	✓	
7	26984	↓	1:55		X	Boring A-3 @ 5-5.5' Soil	1	✓	
8	26983	↓	2:00		X	Boring A-3 @ 7-7.5' Soil	1		HOLD
9	26982	↓	3:00		X	Boring A-5 @ 3.5' Soil Boring A-5 @ 5.5'	1	✓	
10	26981		3:05		X	Boring A-5 @ 5-5½' Soil	1	✓	

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1		[signature]	[signature]	10-22	11:50
2					
3			RECEIVED		
4			JUL 16 1992		

REMARKS

Normal TAT

Please FAX results to IC attn: Walter Floyd

SAMPLER'S NAME: Scott E. Gable

SAMPLER'S SIGNATURE: [signature]

CHAIN COMPLIANT

SP - EvS CHAIN-OF-CUSTODY RECORD

No. 11649

SP - Environmental Systems, Inc. • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME	PROJECT LOCATION
379 62nd Street	Oakland, CA

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO
0553	Scott Cable	(916) 369-8971

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Mark Detterman

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TPH w/ Gas ID BTEX EPA 8260	REMARKS
1	26980	10/22	350		X	Boring A-6 @ 5.0-5.5' Soil	1	✓	
2	26979	10/23	735		X	Boring A-7 @ 5.0-5.5' Soil	1	✓	
3	26978	10/23	750		X	Boring A-8 @ 5.0-5.5' Soil	1	✓	
4	26927	10/23	810		X	Boring A-9 @ 5.0-5.5' Soil	1	✓	
5	26976	10/23	825		X	Boring A-10 @ 2.5-3.0' Soil	1	✓	
6	26975	10/23	835		X	Boring A-10 @ 4.5-5.0' Soil	1	✓	
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1				10/23/02	1152
2					
3					
4					

REMARKS: See comments on COC 11648

SAMPLER'S NAME: Scott C. Cable

SAMPLER'S SIGNATURE:

LAB COPY

SP - EvS

CHAIN-OF-CUSTODY RECORD

No. 12910

SP - Environmental Systems, Inc. • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME	PROJECT LOCATION
1399 Wood Street	Oakland CA.

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
05535	WALT FLOYD	916-369-8971

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	M. Dockum

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) PCBs (8270)	REMARKS
1	26977	10/23	810		X	A9 - 5-5.5'	1	X	
2									
3	26975	10/23	835		X	A10 4.5-5	1	X	Extract and hold for possible PCB Analyses (8270)
4	26981	10/22	1505		X	A5 5-5.5'	1	X	
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-3	Walter Floyd		10/27/92	1000
2					
3					
4					

REMARKS: Routine T.A.T.

SAMPLER'S NAME

SAMPLER'S SIGNATURE

LAB COPY

SP - EVS CHAIN-OF-CUSTODY RECORD

No. 13091

SP - Environmental Systems, Inc. • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME	PROJECT LOCATION
1399 Wood Street	Oakland, CA

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
05100535	Evelyn Ransom	(916)369-8971

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
SPTCo	Mark Dockum

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) 8270 / 8010 ICP Metals *	REMARKS
1	22516	3/29/99	1030		X	Stockpile Sample #1	1		
2	22517		1030			Stockpile Sample #2	1		
3	22518		1030			Stockpile Sample #3	1		
4	22519		1030			Stockpile Sample #4	1		
5	22526		1100			Stockpile Sample #5	1		
6	22521		1100			Stockpile Sample #6	1		
7	22522		1100			Stockpile Sample #7	1		
8	22523	↓	1100		↓	Stockpile Sample #8	1		
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1		Carl Taylor	C. Brightower	3/30/99	0800
2					15:05
3					
4					

REMARKS

Composite all into one sample.

24-Hour TAT

* As, Ba, Cd, Cr, Co, Cu, Pb, Ni, Hg, Zn

SAMPLER'S NAME	SAMPLER'S SIGNATURE
Carl Taylor	

LAB COPY

APPENDIX D

BILL-OF-LADING AND MANIFEST DOCUMENTS

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *Form designed for use on elite (12-pitch typewriter).*

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD000628198
Manifest Document No.: 00001
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
Southern Pacific Transportation Co.
515 Bay St.
Oakland, CA 94607

4. Generator's Phone: 303 595-2793

A. State Manifest Document Number: 90520149

B. State Generator's ID: HY1102360009630

5. Transporter 1 Company Name: J.L. David
6. US EPA ID Number: KYD0981137761

C. State Transporter's ID: 306159
D. Transporter's Phone: 1800 384-4765

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address:
Chemical Waste Management
35251 Old Skyline Rd
Kettleman City, CA 93239

10. US EPA ID Number: CAT000646117

G. State Facility's ID:
H. Facility's Phone: 209 386 9711

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-RCRA Hazardous Waste (solid)	001	DT	00018	Y	State 611; EPA/Other
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above:
I.C. # 05100535
PROFILE # SFOK23771
Wood St. Soil Removal

K. Handling Codes for Wastes Listed Above: a. 03 b. c. d.

15. Special Handling Instructions and Additional Information:
24 Hr. Emergency # 303 595-2793

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: M.E. Arenchild III
Signature: M.E. Arenchild III
Month Day Year: 06 22 90

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mike Dake
Signature: [signature]
Month Day Year: 06 22 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year:

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DHS 8022 A
EPA 8700—22
(Rev. 6-89) Previous editions are obsolete.

Do Not Write Below This Line

GENERATOR: SEND THIS COPY TO DHS ...
To: P.O. Box 400, Sacramento, CA ...

Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *Form designed for use on elite (12-pitch typewriter).*

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD000628198 | Manifest Document No.: 00001 | 2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
SOUTHERN PACIFIC TRANSPORTATION COMPANY
515 BAY ST.
OAKLAND, CA 94607

A. State Manifest Document Number: 90520147

4. Generator's Phone ( ) 303 595-2793

B. State Generator's ID: HYHQ36009030

5. Transporter 1 Company Name: H. REWO INC
6. US EPA ID Number: CAD981163761

C. State Transporter's ID: 306156
D. Transporter's Phone: 805 871-8000

7. Transporter 2 Company Name:
8. US EPA ID Number:

E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address:
CHEMICAL WASTE Management
35251 OLD SKYLINE Rd
Kettleman City, CA 93239
10. US EPA ID Number: CAT000646117

G. State Facility's ID:
H. Facility's Phone: 209 386-9711

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-RCRA Hazardous Waste (solid)	001	DT	00018	Y	State: 611 EPA/Other:
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above
I.C. # 05100535
Profile # SFO K23771
WOOD ST. Soil Removal

K. Handling Codes for Wastes Listed Above
a. 03 | b. | c. | d.

15. Special Handling Instructions and Additional Information
24 Hr. Emergency # 303 595-2793

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Month	Day	Year
M. E. Arenchild III	M E Arenchild III	10	22	93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JAMES L. DYATT	James L Dyatt	10	22	93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF AN EMERGENCY OR SPILL CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90520147

DHS 8022 A
EPA 8700—22
(Rev. 6-89) Previous editions are obsolete.

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P.O. Box 400 Sacramento, CA 95812-0400

State of California—Health and Welfare Agency
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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD0006289148	Manifest Document No. 00004	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
SOUTHERN PACIFIC TRANSPORTATION CO.
515 BAI ST.
OAKLAND CA 94607

4. Generator's Phone (303) 595-2793

A. State Manifest Document Number 90520146

B. State Generator's ID HWH03600090030

5. Transporter 1 Company Name J.J. DAVIS INC — 6. US EPA ID Number CAD981463761 — C. State Transporter's ID 31273/

D. Transporter's Phone 305-321-4705

7. Transporter 2 Company Name — 8. US EPA ID Number — E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT
35251 OLD SKYLINE RD
KETTLEMAN CITY, CA 93239 — 10. US EPA ID Number CAT080646117

G. State Facility's ID

H. Facility's Phone 205-386-5711

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-RCRA Hazardous Waste (Solid)	001	PT	0001	G	State EPA/Other 611
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
I.C. # 051100535
Profile # SFOK2377 1
6000 ST Soil Removal

K. Handling Codes for Wastes Listed Above
a. 03 b. c. d.

15. Special Handling Instructions and Additional Information
24 Hr Emergency # 303 595-2793

16.

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Month	Day	Year
M E AVENELLO	M. E. Avenello	10	22	93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JOE UNDERWOOD	Joe Underwood	10	22	93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD000628198 | Manifest Document No.: 00001
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: 90520143

3. Generator's Name and Mailing Address: SOUTHERN PACIFIC Transportation CO. 515 BAY ST OAKLAND. CA 94607

B. State Generator's ID: HYHQ3600960301

4. Generator's Phone (303) 595-2793

5. Transporter 1 Company Name: Aztec Trucking
6. US EPA ID Number: CAD983603699

C. State Transporter's ID: 313616
D. Transporter's Phone: 805 834-5986

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: CHEMICAL WASTE Management 35251 OLD SKYLINE ROAD Kettleman City, CA 93239
10. US EPA ID Number: CAT000646117

G. State Facility's ID
H. Facility's Phone: 209 386-9711

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-RCRA HAZARDOUS Waste (solid)	001	DT	00018	Yds	State 611 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
I.C. # 0510053 5
PROFILE # SFOK23771
WOOD ST. Soil Removal

K. Handling Codes for Wastes Listed Above
a. 03
b.
c.
d.

15. Special Handling Instructions and Additional Information
24 Hr. Emergency # 303 595-2793

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Month Day Year
M. E. ARENCHILD III	M. E. Arenchild III	06 22 93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
Harry Lemons	Harry Lemons	06 22 93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month Day Year

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90520143

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EPA 8700—22
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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD000628190 | Manifest Document No. 00001
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Southern Pacific Transportation Co.
515 Bay St.
Oakland CA, 94607
4. Generator's Phone 303 595-2793

A. State Manifest Document Number 90520142
B. State Generator's ID

5. Transporter 1 Company Name: Lytell Trucking Inc
6. US EPA ID Number: CAD 983 603 859
C. State Transporter's ID 313032
D. Transporter's Phone 805 831-5956
7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
Chemical Waste Management Inc.
35251 Old Skyline Rd
Kettleman City, CA 93239
10. US EPA ID Number: CAT000646117
G. State Facility's ID
H. Facility's Phone 209 386-9711

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-RCRA Hazardous Waste (solid)	001	DT	00118	Y	State 611 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
I.C. # 05100535
Profile # SFOK23771
Wood et Soil Removal

K. Handling Codes for Wastes Listed Above
a. 03
b.
c.
d.

15. Special Handling Instructions and Additional Information
24 Hr. Emergency # 303 595-2793

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: M.E. Arenchild III | Signature: M E Arenchild III | Month Day Year: 06 21 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Marcus Shepherd | Signature: Marcus Shepherd | Month Day Year: 06 22 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

90520142

DHS 8022 A
EPA 8700—22
(Rev. 6-89) Previous editions are obsolete.

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State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. / Manifest Document No.: CAC000626819 ... 001
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
SOUTHERN PACIFIC TRANSPORTATION CO.
515 BAY ST
OAKLAND CA 94607

4. Generator's Phone: 303 595-2793

A. State Manifest Document Number: 90520145

B. State Generator's ID: HY4036009030

5. Transporter 1 Company Name: Lutaco Trucking
6. US EPA ID Number: CAD083003619

C. State Transporter's ID: 313021, 313030
D. Transporter's Phone: (805) 834-5986

7. Transporter 2 Company Name:
8. US EPA ID Number:

E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address:
Chemical Waste Management
35251 Old Skyline Road
Kettleman City, CA 93239
10. US EPA ID Number: CAT000646117

G. State Facility's ID:
H. Facility's Phone: 209 386-9711

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-RCRA Hazardous Waste (solid)	002	DT	00018	Y	State: 611 EPA/Other:
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above:
I.C. # 05100535
Profile # SF0K23771
Wood St. Soil Removal

K. Handling Codes for Wastes Listed Above:
a. 03
b.
c.
d.

15. Special Handling Instructions and Additional Information:
24 Hr. Emergency # 303 595 2793

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Printed/Typed Name: M. E. ARENCHILD III
Signature: M. E. [signature] III
Month Day Year: 10 12 2 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Marcy Varga
Signature: [signature]
Month Day Year: 10 12 2 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year:

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90520145

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EPA 8700—22
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To: P.O. Box 400, Sacramento, CA 95812-0400

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
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See Instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD000628198 | Manifest Document No. 00001 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: SOUTHERN PACIFIC Transportation Co. 515 GAY ST. OAKLAND CA 94607

A. State Manifest Document Number: **90520144**

4. Generator's Phone: 303-595-2793

B. State Generator's ID

5. Transporter 1 Company Name: Kettleman Trkg | 6. US EPA ID Number: 000232326 | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID: 205 534 5986 | F. Transporter's Phone: 9303 8913335

9. Designated Facility Name and Site Address: CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE Rd. Kettleman City, CA 93239 | 10. US EPA ID Number: CAT000646117 | G. State Facility's ID | H. Facility's Phone: 209-386-9711

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-RCRA Hazardous Waste (solid)	002	DT	00018		State 611 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above: I.C. #05100535 PROFILE # SFOKZ3771 Wood St. Soil Removal

K. Handling Codes for Wastes Listed Above: a. 03 | b. | c. | d.

15. Special Handling Instructions and Additional Information: 24 Hr. Emergency # 303 595 2793

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Printed/Typed Name: M. E. AREUCHILD III | Signature: M. E. Arewchl | Month Day Year: 04 22 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Paul Tebell | Signature: [signature] | Month Day Year: 04 22 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90520144

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EPA 8700—22
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L-49 4P49505 11B5328

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Service
Toxic Substances Control Divisio
Sacramento, Californ

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD000628119
Manifest Document No.: 00001
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: Southern Pacific Transportation Co. 515 Bay St. Oakland CA 94607
4. Generator's Phone (303) 595-2793

A. State Manifest Document Number: 90520652
B. State Generator's ID: HX HQ 36 00 9030

5. Transporter 1 Company Name: Little Trucking
6. US EPA ID Number: CAD 0830 0324 99
C. State Transporter's ID: 313337
D. Transporter's Phone: 805 834-5986

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: Chemical Waste Management Inc. 35251 Old Skyline Rd Kettleman City, CA 93239
10. US EPA ID Number: CAT000646117
G. State Facility's ID
H. Facility's Phone: 209 386-9711

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-RCRA Hazardous Waste (solid)	001	DT	00018	Y	State 611 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
I.C. # 05100535
Profile # SFOK23771
Wood St. Soil Removal

K. Handling Codes for Wastes Listed Above
a. 03
b.
c.
d.

15. Special Handling Instructions and Additional Information
24 Hr. Emergency # 303 595-2793

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Printed/Typed Name	Signature	Month Day Year
M E Arenchild III	M E Arenchild III	04 22 93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
Richard Grimm	Richard Grimm	04 22 93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month Day Year

GENERATOR / TRANSPORTER / FACILITY

90520652

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A
EPA 8700—22
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Do Not Write Below This Line

GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95312-0400

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Southern Pacific Transportation Co

ADDRESS 515 3rd St

CITY, STATE, ZIP OAKLAND CA 94607

EPA I.D. NO. CA1010102311?9

PHONE NO. 415, 391-3171

CONTAINERS: No. _____ VOLUME _____ WEIGHT _____

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER Profile # A47507

WASTE DESCRIPTION Soil - UF-B215 GENERATING PROCESS _____

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1.			5.		
2.			6.		
3.			7.		
4.			8.		

PROPERTIES: pH ____ ☐ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTUCTIONS # 05100-35

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

W. F. ARSENAULT

W. F. Arsenault 4/22/97

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME J & D Oil

ADDRESS P.O. Box 578

CITY, STATE, ZIP Benicia CA

EPA I.D. NO. CAD981163376

SERVICE ORDER NO. _____

PICK UP DATE _____

PHONE NO. (707) 837-5000

TRUCK, UNIT, I.D. NO. [illegible] 31730

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management Inc.

ADDRESS 35251 Old Skyline Road

CITY, STATE, ZIP Kettleman City CA 93239

PHONE NO. 209 386-9711

EPA I.D. NO. CAT000016461

DISPOSAL METHOD

☒ LANDFILL ☐ OTHER _____

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	TONS
TRANS		S B	
C/O		RT/CD	HWDF NONE

DISCREPANCY

#52

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Southern Pacific Transportation Co.

ADDRESS 5?? Bay St.

EPA I.D. NO. CAD009162817?

CITY, STATE, ZIP OAKLAND CA 94607

PHONE NO. (?1?) 36?-8971

CONTAINERS: No. ________ VOLUME ________ WEIGHT ________

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER Profile # AT9?6?

WASTE DESCRIPTION Soil & Debris

GENERATING PROCESS ________

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1.			5.		
2.			6.		
3.			7		
4.			8.		

PROPERTIES: pH ____ ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ________

HANDLING INSTUCTIONS: # 05100535

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

M.E. Arcen?? III

M F [signature] III 4/22/93

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME JL DENIO

EPA I.D. NO. CAD981633761

ADDRESS Po Box 578

SERVICE ORDER NO. ________

CITY, STATE, ZIP Bakersfield 93

PICK UP DATE 4-22-93

PHONE NO. (805) 837-8000

TRUCK, UNIT, I.D. NO. 519 3127341

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management

EPA I.D. NO. CAT000646117

DISPOSAL METHOD

ADDRESS 35251 Old Skyline Rd

☒ LANDFILL ☐ OTHER ________

CITY, STATE, ZIP Kettleman City, CA 93239

PHONE NO. (209) 386-9711

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	TONS
TRANS		S B	
C/O		RT/CD	HWDF NONE

DISCREPANCY

#03

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Southern Pacific Transportation Co.

ADDRESS 615 3rd ST.

EPA I.D. NO. CA1D0105016231 191 3

CITY, STATE, ZIP OAKLAND CA 94607

PHONE NO. 916, 364-3171

CONTAINERS: No. _____ VOLUME _____ WEIGHT _____

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER Profile # AK9569

WASTE DESCRIPTION Soil : DRDS GENERATING PROCESS _____

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1.			5.		
2.			6.		
3.			7.		
4.			8.		

PROPERTIES: pH ____ ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTUCTIONS: # 3 : 00235

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

M.E. ARENCIBIA III 4/22/93

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Haytor Trucking Inc.

EPA I.D. NO. CAD052216616214

ADDRESS P.O. Box 416

SERVICE ORDER NO. _____

CITY, STATE, ZIP Taft, Ca 93268

PICK UP DATE 4-22-93

PHONE NO. (805) 763-4766

TRUCK, UNIT, I.D. NO. 377

Tom Marabi 4-22-93

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management Inc.

EPA I.D. NO. CAT000160461117

ADDRESS 35251 Old Skyline Rd.

DISPOSAL METHOD

☒ LANDFILL ☐ OTHER _____

CITY, STATE, ZIP Kettleman City, CA 93239

PHONE NO. 209 386-9711

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/O		RT/CD	HWDF NONE	DISCREPANCY

#04

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Southern Pacific Transportation Co.

ADDRESS 715 Bay ST.

EPA I.D. NO. CAD000628193

CITY, STATE, ZIP OAKLAND CA 94607

PHONE NO. 510 362-3971

CONTAINERS: No. ______ VOLUME ______ WEIGHT ______

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER PROFILE # AK 9569

WASTE DESCRIPTION Soil & DEBRIS

GENERATING PROCESS ______

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1.			5.		
2.			6.		
3.			7.		
4.			8.		

PROPERTIES: pH ____ ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ______

HANDLING INSTUCTIONS: #05100235

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

M. E. [illegible] III

M. E. [illegible] III — 4/22/93

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME DAYTON TRUCKING INC

EPA I.D. NO. CAD983666239

ADDRESS PO BOX HILL

SERVICE ORDER NO. 12263

CITY, STATE, ZIP [illegible] CA 93263

PICK UP DATE 04-22-93

PHONE NO. (805) 765 4266

TRUCK, UNIT, I.D. NO. 37 [illegible]

[illegible] — 04-22-93

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME Chemical Waste Management Inc.

EPA I.D. NO. CAT000646117

DISPOSAL METHOD

ADDRESS 35251 Old Skyline Rd

☒ LANDFILL ☐ OTHER ______

CITY, STATE, ZIP Kettleman City, CA 93239

PHONE NO. 209 386 - 9711

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CO		HWDF NONE

DISCREPANCY

#05

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Southern Pacific Transportation Co.

EPA I.D. NO. CAD000628113

ADDRESS 5th Bay St.

CITY, STATE, ZIP Oakland CA 94607

PHONE NO. (415) 36?-8471

CONTAINERS: No. ______ VOLUME ______ WEIGHT ______

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER Profile # AK9569

WASTE DESCRIPTION Soil / DEBRIS GENERATING PROCESS ______

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1.			5.		
2.			6.		
3.			7.		
4.			8.		

PROPERTIES: pH ____ ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ______

HANDLING INSTUCTIONS: # 05100530

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

M. E. ARNOLD II
M E Arnold [signature] 4/22/93

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Hayter Trucking

EPA I.D. NO. CAD052266624

ADDRESS P.O. Box 416

SERVICE ORDER NO. ______

CITY, STATE, ZIP Taft Cal 93268

PICK UP DATE 4-22-93

PHONE NO. (805) 763-4366

TRUCK, UNIT, I.D. NO. 40490X

James Rogers [signature] 4-22-93

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

FACILITY

NAME Chemical Waste Management Inc.

EPA I.D. NO. CAT000646117

ADDRESS 35251 Old Skyline Road

DISPOSAL METHOD ☒ LANDFILL ☐ OTHER ______

CITY, STATE, ZIP Kettleman City, CA 93239

PHONE NO. 209 386-9711

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/O		RT/CD	HWDF NONE	DISCREPANCY

#05

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Southern Pacific Transportation Co.

EPA I.D. NO. CAD000629117

ADDRESS 5?? Bay St.

CITY, STATE, ZIP Oakland, CA 94607

PHONE NO. (415) 369-8971

CONTAINERS: No. ______ VOLUME ______ WEIGHT ______

TYPE: ☐ TANK TRUCK ☐ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER Pyrfils & AK 9567

WASTE DESCRIPTION Soil & Debris GENERATING PROCESS ______

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1.			5.		
2.			6.		
3.			7.		
4.			8.		

PROPERTIES: pH ____ ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ______

HANDLING INSTUCTIONS: # 05100235

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

M.E. Arendt III [signature] 4/22/93

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME HAYTER TRUCKING

EPA I.D. NO. CAD058266604

ADDRESS P.O. Box 416

SERVICE ORDER NO. 2592

CITY, STATE, ZIP TAFT, CA. 93268

PICK UP DATE 4-22-93

PHONE NO. 805 768-4366

TRUCK, UNIT, I.D. NO. 369-377

Neal Deslaurier [signature] 4-22-93

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME Chemical Waste Management Inc.

EPA I.D. NO. CAT000646117

DISPOSAL METHOD ☒ LANDFILL ☐ OTHER ______

ADDRESS 35251 Old Skyline Rd.

CITY, STATE, ZIP Kettleman City, CA 93239

PHONE NO. 209 386-9711

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

#07

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Southern Pacific Transportation Co. EPA I.D. NO. CAP0199612181

ADDRESS 515 3rd St

CITY, STATE, ZIP Oakland CA 94607 PHONE NO. 415 464-8171

CONTAINERS: No. _____ VOLUME _____ WEIGHT _____

TYPE: ☐ TANK TRUCK ☐ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER Profile # AK4-69

WASTE DESCRIPTION Soil & Debris GENERATING PROCESS _____

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1.			5.		
2.			6.		
3.			7.		
4.			8.		

PROPERTIES: pH _____ ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: # 05150135

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

M. G. Crenshaw 4/22/95

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Hamm Trucking EPA I.D. NO. CAD059224424

ADDRESS P.O. Box 416 SERVICE ORDER NO. 12564

CITY, STATE, ZIP Taft Cal 93268 PICK UP DATE 4/22/95

PHONE NO. (805) 765-1366

TRUCK, UNIT, I.D. NO. 175 Donald Fikins

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management Inc. EPA I.D. NO. CAT000614611

ADDRESS 35251 Old Skyline Rd DISPOSAL METHOD

☒ LANDFILL ☐ OTHER _____

CITY, STATE, ZIP Kettleman City CA 93239

PHONE NO. (209) 386-9711

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	TONS
TRANS		S B	
C/O		RT/CD	HWDF NONE

DISCREPANCY

#03

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME: Southern Pacific Transportation Co.

EPA I.D. NO.: CAD000626319

ADDRESS: 5?? BAY ST.

CITY, STATE, ZIP: OAKLAND CA 94607

PHONE NO.: (?) 56?-??71

CONTAINERS: No. ____ VOLUME ____ WEIGHT ____

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER Profile #AK9769

WASTE DESCRIPTION: Soil & DEBRIS

GENERATING PROCESS: ____

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1.			5.		
2.			6.		
3.			7		
4.			8.		

PROPERTIES: pH ____ ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ____

HANDLING INSTUCTIONS: I.C. JOB # 07100135

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

M. ? [illegible] M. F. [signature] III — 1/22/93

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME: HAYTER TRUCKING

EPA I.D. NO.: CAD051166624

ADDRESS: P.BOX 1116

SERVICE ORDER NO. ____

CITY, STATE, ZIP: TAFT CA 93268

PICK UP DATE: 1/22/93

PHONE NO.: (805) 7??-3061

TRUCK, UNIT, I.D. NO.: 57/ 3706

Bob Buttram [signature] 1/22/93

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME: Chemical Waste Management Inc.

EPA I.D. NO.: CAT000646117

DISPOSAL METHOD: ☒ LANDFILL ☐ OTHER ____

ADDRESS: 35251 OLD SKYLINE RD

CITY, STATE, ZIP: Kettleman City, CA 93239

PHONE NO.: 209 386 9711

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L A	TONS
TRANS		S B	
C/O		RT/CD	HWDF NONE

DISCREPANCY

SEMI-END DUMPS
BOTTOM DUMPS -
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

№ 66275

2212 SO. UNION AVENUE PHONE (805) 834-5986

BAKERSFIELD, CALIFORNIA 93307

CUSTOMER
SHIPPER Industrial Com. DATE 4-22 19 93

ADDRESS _____ TRUCK CAP. _____ AXLE 6 TRUCK NO. 816 Dennis

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
Oakland, CA	Kettleman City

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY					
1	T/C waste				
Manifest # 90-20149					
MCC-1 # SFO K23771					
TOTAL TONS		RATE: HRS. ☐ TON ☐		TOTAL CHARGES	

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☐ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER Mike

RECEIVED BY M. E. Richard

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

Nº 66274

2212 SO. UNION AVENUE PHONE (805) 834-5986

BAKERSFIELD, CALIFORNIA 93307

CUSTOMER SHIPPER Industrial Construction DATE 4/22 19 93

ADDRESS _____ TRUCK CAP. 80K AXLE 5 TRUCK NO. 817

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
OAKLAND	KETTLEMAN CITY

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY					
1	T/L WASTE				
MANIFEST # 90S20147					
PROFILE # 5FOK 23771					

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☐ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER Jim Pratt

RECEIVED BY M. E. [illegible]

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS-
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

Nº 66272

2212 SO. UNION AVENUE PHONE (805) 834-5986

BAKERSFIELD, CALIFORNIA 93307

CUSTOMER / SHIPPER INDUSTRUL COMPL DATE APR 22 19 93

ADDRESS _____ TRUCK CAP. _____ AXLE 5 TRUCK NO. 815 Benid

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
OAKLAND CA	KETTLEMAN CITY

LOAD# / TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY					
	ONE	T/L OF WASTE			
	MANIFEST # 90520146				
	PROFILE # SFOK2377				
	CONTAINER # 312731				

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☒ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER [signature]

RECEIVED BY [signature]

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS-
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

Nº 65862

2212 SO. UNION AVENUE PHONE (805) 834-5986

BAKERSFIELD, CALIFORNIA 93307

CUSTOMER SHIPPER Industrial Compliance DATE 4-22-93 19

ADDRESS _____ TRUCK CAP. _____ AXLE 5 TRUCK NO. 4-34

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
Oakland	Kettleman City

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY					
1 T/t Diet					
Manifest 005 20143					
Container 213016					
Profile SFOK 2[illegible]71					

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☒ ON HWY. ☒ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER

RECEIVED BY M. G.

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

2212 SO. UNION AVENUE — PHONE (805) 834-5986
BAKERSFIELD, CALIFORNIA 93307

No 61109

CUSTOMER SHIPPER Industrial Compliance DATE 4-22 19 93

ADDRESS _____ TRUCK CAP. _____ AXLE 5 TRUCK NO. L-41

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
BAKland, Ca	

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY	Load Time	7:15			
Cont#	312032				
Manifest#	90520142				
Profile#	SFOK23771				
1 Liner					

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☒ ON HWY. ☒ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER Marcus Shephard

RECEIVED BY M.S.

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS -
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

Nº 65805

2212 SO. UNION AVENUE PHONE (805) 834-5986

BAKERSFIELD, CALIFORNIA 93307

CUSTOMER SHIPPER Industrial Compliance DATE 4-22 19 93

ADDRESS _____ TRUCK CAP. _____ AXLE 5 TRUCK NO. C-33

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
Oakland CA.	Kettleman City CA

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY					
1 Load	Waste Soil				
Manifest # 9052014 5					
Profile # 5F0123771					
Contract #'s 313021, 313030					

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME
0800						

CHECK ☐ OFF HWY. ☐ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER

RECEIVED BY

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

Nº 65882

2212 SO. UNION AVENUE PHONE (805) 834-5986

BAKERSFIELD, CALIFORNIA 93307

CUSTOMER SHIPPER Industrial Compliance Co DATE 4-22 1993

ADDRESS _____ TRUCK CAP. 18 AXLE 5 TRUCK NO. L-43

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
Oakland Co.	Kettleman City Ca.

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY					
1 Load waste					
manifest 905201744					
Profile SFOK2327N					
Containers 313038 313039					

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME
7:45						

CHECK ☐ OFF HWY. ☑ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT-COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER

RECEIVED BY M G. Anders

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS-
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

No 66271

2212 SO. UNION AVENUE PHONE (805) 834-5986
BAKERSFIELD, CALIFORNIA 93307

CUSTOMER SHIPPER Industrial Cop. DATE 4-22 1993

ADDRESS TRUCK CAP. AXLE 5 TRUCK NO. L-49

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
Oakland, Ca	

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY					
	I/L waste			9052000 0652	
	Manifest				
		7:00	8:30		

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☐ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER R. Jim RECEIVED BY M Sa...

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CAD083003699
P.U.C. NO. T-111,424

2212 SO. UNION AVENUE PHONE (805) 834-5986

BAKERSFIELD, CALIFORNIA 93307

No 66273

CUSTOMER SHIPPER Industreal Compliance DATE 4-22 19 93

ADDRESS _____ TRUCK CAP. _____ AXLE 5 TRUCK NO. 819

DENIO

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
OAKland	Chem WASTE Kettleman City

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY					
	ONE Load WASTE				
	MANIFEST # NON # 02				
	PROFILE # AK 9569				

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☐ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER [signature] RECEIVED BY M. E. Crawford

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

2212 SO. UNION AVENUE PHONE (805) 834-5986
BAKERSFIELD, CALIFORNIA 93307

№ 64826

CUSTOMER SHIPPER Industrial Compliance DATE 4-22- 1993

ADDRESS _____ TRUCK CAP. _____ AXLE 5 TRUCK NO. 814 Denio

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
Oakland	Kettleman City

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY					
1 load Waste					
Manifest #	NON-HAZ #01				
Pallet #	AK9569				

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☐ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER

RECEIVED BY M. E. Carlton

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

№ 65991

2212 SO. UNION AVENUE PHONE (805) 834-5986

BAKERSFIELD, CALIFORNIA 93307

CUSTOMER SHIPPER Industrial Comp. DATE 4-22 19 93

ADDRESS _____ TRUCK CAP. _____ AXLE _____ TRUCK NO. _____

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
OAKLAND CA	

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY					
	SCALES	AND	OPERATOR		

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☐ ON HWY. ☑ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER Randy Smith

RECEIVED BY M.E. Churchill

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

...ER DUMPS
LOADERS

Lutrel TRUCKING, INC.

2212 SO. UNION AVENUE
BAKERSFIELD, CALIFORNIA 93307
PHONE (805) 834-5986

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

No. 60322

CUSTOMER SHIPPER: INDUSTRIAL COMP.

ADDRESS: SAC.

DATE: 4-22 19 93

TRUCK CAP. ____ AXLE 5 TRUCK NO. 377

Hayter Trucking, Inc.

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
515 Bay St, Oakland, 94607	C.W.M., Kettleman City.

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP	COMMODITY

Hayter Ticket # 11904
Manifest # NON HAZ #03
PROFILE # AK 9569

TOTAL TONS

RATE: HRS. ☐ TON ☐

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME	TOTAL CHARGES

CHECK: ☐ OFF HWY. ☒ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER: Tom Marable

RECEIVED BY: M. E. Chelli

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

2212 SO. UNION AVENUE — PHONE (805) 834-5986
BAKERSFIELD, CALIFORNIA 93307

No 60266

CUSTOMER / SHIPPER: Industrial Comp — DATE: 4-22 19 93

ADDRESS: SAC. — TRUCK CAP. — AXLE: 5 — TRUCK NO.: 3765435

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
Wood 1457 Oakland CA	Cwm Kettleman City CA

LOAD# / TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY		9:15/am	9:45/am		
Profile # 9569					
Manifest # 04					
Hayter 1263					

TOTAL TONS — RATE: HRS. ☐ TON ☐ — TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☐ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER: Calvin C. Bea — RECEIVED BY: M. Q. 93

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

Nº 63746

2212 SO. UNION AVENUE PHONE (805) 834-5986

BAKERSFIELD, CALIFORNIA 93307

CUSTOMER SHIPPER Haxter Trucking DATE 4-22 19 93

ADDRESS Industrial Compliance TRUCK CAP. AXLE TRUCK NO. 376

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
	C.W.M. Kettleman city cal.

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY					
		Mamufe1 #	05		
		Profile #	AK 9569		
	Haxter #	12152			

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☐ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER James Rogers

RECEIVED BY M. E. [illegible]

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

Nº 63724

2212 SO. UNION AVENUE PHONE (805) 834-5986

BAKERSFIELD, CALIFORNIA 93307

CUSTOMER SHIPPER SOUTHERN PACIFIC TRANSPORTATION CA. DATE 4-22 19 93

ADDRESS 515 BAY ST OAKLAND CA TRUCK CAP. 18 yd AXLE 5 TRUCK NO. 369

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
14TH & WOOD ST. OAKLAND CA.	CWM KETTLEMEN CITY CA.

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY					
NON-HAZ		9:30 AM	10:00 AM		
MANIFEST # 06					
HAYTER TICKET # 12592					

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☐ ON HWY. ☒ POWER ☐ BUNKER

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DRIVER N. DESLAURIER

RECEIVED BY M. E.

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003609
P.U.C. NO. T-111,424

2212 SO. UNION AVENUE PHONE (805) 834-5986

BAKERSFIELD, CALIFORNIA 93307

№ 63752

CUSTOMER / SHIPPER Southern Pacific Trans DATE 4-22 19 93

ADDRESS Mp. Co. Ind. Comp TRUCK CAP. 18Y AXLE 5 TRUCK NO. 374

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
OAKLAND, CA. 14th ST RAIL STA	KETTLEMAN CITY CA CUM DISP

LOAD# / TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY		930 AM			
Soil					
	LAST TRUCK TO LOAD CLEAN UP				
MANIFEST #	NON HAZ # 8				
DISP TKT #					
HAYTER TKT #	11706				
RAIL # AK	9569				

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☐ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER Bob Bustrum

RECEIVED BY M. E Chevalier

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS
TRANSFER DUMPS
LOADERS

Lutrel TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

Nº 65992

2212 SO. UNION AVENUE PHONE (805) 834-5986

BAKERSFIELD, CALIFORNIA 93307

CUSTOMER SHIPPER Industrial Comp DATE 4-22 19 93

ADDRESS _____ TRUCK CAP. 25T AXLE 5 TRUCK NO. _____

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
OAKLAND	

LOAD# TAG# / COMMODITY	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
	1 No Load				
	4 HR MIN				
	CABallero				

TOTAL TONS RATE: HRS. ☐ TON ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☐ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER Del Caballero RECEIVED BY M.E.

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.

SEMI-END DUMPS
BOTTOM DUMPS
TRANSFER DUMPS
LOADERS

Kutrex TRUCKING, INC.

E.P.A. ID NO. CA D083003699
P.U.C. NO. T-111,424

2212 SO. UNION AVENUE PHONE (805) 834-5986
BAKERSFIELD, CALIFORNIA 93307

№ 60353

CUSTOMER SHIPPER Southern Pacific Trans. DATE 4/22/93 19

ADDRESS 515 Bay St, Oakland, CA 94607 TRUCK CAP. AXLE 5 TRUCK NO. 378

MATERIAL POINT OF ORIGIN	POINT OF DESTINATION
Oakland, CA.	C. W. M. Rutherford City CA.

LOAD# TAG#	WEIGHT	ARRIVE PLANT	DEPART PLANT	ARRIVE DUMP	DEPART DUMP
COMMODITY	Pacific #AK9569	9 9/			
	Manual	& Non Haz #07			
	Hayta #92564				

TOTAL TONS RATE: HRS. ☐ TON. ☐ TOTAL CHARGES

STARTING TIME	TIME ARRIVED TO DUMP LAST LOAD	FINISHED DUMP LAST LOAD	ALLOWANCE FOR COMPLETION LAST LOAD	ENDING TIME	DEDUCTIONS	NET TIME

CHECK ☐ OFF HWY. ☐ ON HWY. ☐ POWER ☐ BUNKER

I AGREE TO COURT COSTS, ATTORNEY'S FEES AND ALL COSTS THAT ARISE FROM ANY PROCEEDINGS FOR THE COLLECTION OF AMOUNTS DUE TO THE ABOVE CARRIER FOR WORK DONE FOR THE ABOVE SHIPPERS WILL BE PAID BY THE ABOVE SHIPPERS. NOTE: P.U.C. requires payment for these charges not later than 15th of following month. — These charges include (1) fees to pay for regulation of transportation companies by the California Public Utilities Commission and (2) taxes paid to California cities instead of excise or business license taxes they could otherwise impose.

DRIVER Don Elkins

RECEIVED BY M. E. Overalind

TERMS: All accounts due and payable 15th of month following purchase. Past due after 30 days. A service charge of 1½% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 18% — will be charged on the unpaid balance of past due accounts.