



Industrial Compliance

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

94 AUG 31 AM 9:44

August 30, 1994

IC Project No. 05100535

Ms. Jennifer Eberle
Alameda County Health Care Services Agency
Department of Environmental Health
Division of Hazardous Materials
1131 Harbor Bay Parkway
Alameda, California 94502

VIA OVERNIGHT MAIL

**Re: Submittal of Soil Remediation and Ground Water Investigation Report
Southern Pacific Transportation Company
1399 Wood Street — Oakland, California**

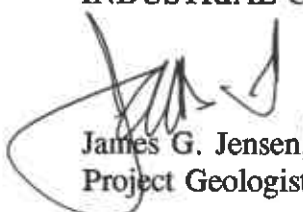
Dear Ms. Eberle:

Industrial Compliance (IC), on behalf of Southern Pacific Transportation Company (SPTCo), has prepared the attached soil remediation and ground water investigation report for the SPTCo property located at 1399 Wood Street, Oakland, California.

If you should have any questions regarding this information, or if you would like to discuss this in greater detail, please do not hesitate to contact 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, Southern Pacific Transportation Company (with attachment)

i880-189.ltr/08-30-94/u/mdocku/i-880/letters

Dedicated to solving your environmental problems.

A Subsidiary of SP Environmental Systems, Inc.



Ms. Jennifer Eberle
August 30, 1994
Page 2

bcc: Mr. R. Webb Garey, Industrial Compliance (without attachment)
Mr. Harry Shin, Industrial Compliance (with attachment)





Industrial Compliance

9719 Lincoln Village Drive, Suite 310 Sacramento, CA 95827 916/369-8971 FAX 916/369-8970

8-29-94

**SOIL REMEDIATION AND
GROUND WATER 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**

August 29, 1994

Dedicated to solving your environmental problems.

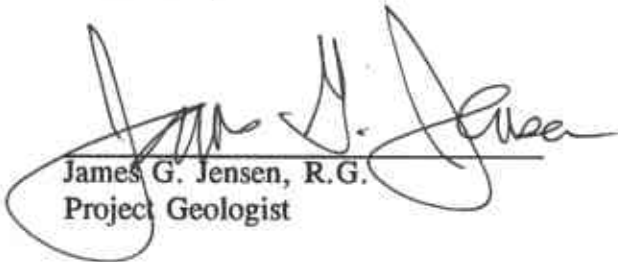
A Subsidiary of SP Environmental Systems, Inc.



**SOIL REMEDIATION AND
GROUND WATER 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



TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	BACKGROUND	3
3.0	FIELD ACTIVITIES	18
3.1	Soil Remediation at Former Location of Tank 3 (Excavation A)	18
3.1.1	Soil Excavation	19
3.1.1.1	Excavation Headspace Analysis and Confirmation Sampling	21
3.1.1.2	Apparent Nonimpacted Soil Stockpile Sampling	23
3.1.1.3	Apparent Impacted Soil Stockpile Sampling	23
3.2	Soil Remediation at Former Location of Tanks 1/2, 4, and Dispenser Island (Excavation B)	26
3.2.1	Soil Excavation	27
3.2.1.1	Excavation Headspace Analysis and Confirmation Sampling	28
3.2.1.2	Apparent Nonimpacted Soil Stockpile Sampling	31
3.2.1.3	Apparent Impacted Soil Stockpile Sampling	33
3.3	Ground Water Investigation	33
3.3.1	Soil Borings	35
3.3.2	Ground Water Monitoring Well Installation	38
3.3.3	Ground Water Monitoring Well Development and Sampling	40
3.3.4	Quality Assurance/Quality Control	45
3.4	Laboratory Analyses	45
4.0	SOIL REMEDIATION RESULTS	48
4.1	Soil Remediation Analytical Results — Excavation A	48
4.1.1	Excavation Confirmation Sample Results	48
4.1.2	Apparent Nonimpacted Soil Stockpile Sample Results	48

TABLE OF CONTENTS (continued)

4.1.3	Apparent Impacted Soil Stockpile Sample Results	52
4.2	Soil Remediation Analytical Results — Excavation B	53
4.2.1	Excavation Confirmation Sample Results	53
4.2.2	Apparent Nonimpacted Soil Stockpile Sample Results	61
4.2.3	Apparent Impacted Soil Stockpile Sample Results	61
5.0	GROUND WATER INVESTIGATION RESULTS	63
5.1	Hydrogeology	63
5.2	Analytical Results	64
5.2.1	Ground Water Sample Results	71
5.2.2	Quality Assurance/Quality Control Sample Results	72
6.0	DISCUSSION	73
6.1	Soil Remediation at Excavation A	73
6.2	Soil Remediation at Excavation B	73
6.3	Ground Water Investigation	74
6.4	Disposition of Stockpiled Soil and Investigation-Derived Residuals	74
6.4.1	Soil Stockpiles — Excavation A	76
6.4.2	Soil Stockpiles — Excavation B	76
6.4.3	Drummed Soil from the Soil Borings	77
6.4.4	Drummed Water from the Ground Water Investigation	77

FIGURES

Figure 1	Site Location Map	2
Figure 2	Site Layout Map	4
Figure 3	Location of Underground Storage Tank Excavation Samples, Previous Investigation of September, 1989	5
Figure 4	Location of Soil Borings and Stockpile Soil Samples, Previous Investigation of October, 1992	10



TABLE OF CONTENTS (continued)

FIGURES (continued)

Figure 5	Chemical Distribution Map for Constituents in Soil Samples Identified During Previous Site Investigations of September, 1989 and October, 1992	12
Figure 6	Lateral Extent of TPH as Gasoline in Soil Samples at 5 Feet BGS, Previous Investigation of October, 1992	13
Figure 7	Lateral Extent of TPH as Diesel in Soil Samples at 5 Feet BGS, Previous Investigation of October, 1992	14
Figure 8	Site Layout Map Showing Excavation Limits and Soil Stockpile Locations, June, 1994	20
Figure 9	Headspace Results and Confirmation Sample TPH as Diesel Results from Excavation A	22
Figure 10	Location of Soil Samples Collected from Apparent Nonimpacted Soil Stockpile (Excavation A)	24
Figure 11	Location of Soil Samples Collected from Apparent Impacted Soil Stockpile (Excavation A)	25
Figure 12	Location of Headspace Results Collected from Excavation B	29
Figure 13	Confirmation Sample TPH as Gasoline Results from Excavation B	30
Figure 14	Location of Soil Samples Collected from Apparent Nonimpacted Soil Stockpile (Excavation B)	32
Figure 15	Location of Soil Samples Collected from Apparent Impacted Soil Stockpile (Excavation B)	34
Figure 16	Location of Soil Boring and Monitoring Wells	36
Figure 17	Cross Section Index Map	65
Figure 18	Subsurface Geology Cross Section A-A'	66
Figure 19	Contour Map of Ground Water Elevations with Hydraulic Gradient, June, 1994	67
Figure 20	Representation of Ground Water Elevations Over Time	68
Figure 21	Chemical Distribution Map for Constituents in Monitoring Well Ground Water Samples, June, 1994	70
Figure 22	Estimated Lateral Extent of TPH as Gasoline in Ground Water Samples, June, 1994	75



TABLE OF CONTENTS (continued)

TABLES

Table 1	Analytical Results, Underground Storage Tank Excavations - Soil Samples, Previous Investigation of September, 1989	6
Table 2	Analytical Results, Underground Storage Tank Excavations - Grab Ground Water Samples, Previous Investigation of September, 1989	8
Table 3	Analytical Results, Soil Boring Soil Samples, Previous Investigation of October, 1992	11
Table 4	Analytical Results, Composite Soil Samples from Stockpiled Soil, Previous Field Activities of April, 1993	16
Table 5	Monitoring Well Ground Water Elevation Data	42
Table 6	Ground Water Purge Characterization Data	43
Table 7	Analytical Results, Confirmation Samples (Excavation A)	49
Table 8	Analytical Results, Composite Soil Samples, Apparent Nonimpacted Soil Stockpile (Excavation A)	50
Table 9	Analytical Results, Composite Soil Samples, Apparent Impacted Soil Stockpile (Excavation A)	51
Table 10	Analytical Results, Confirmation Samples (Excavation B)	54
Table 11	Analytical Results, Composite Soil Samples, Apparent Nonimpacted Soil Stockpile (Excavation B)	56
Table 12	Analytical Results for Composite Soil Samples, TPH, VOC, and PCB Concentrations, Apparent Impacted Soil Stockpile (Excavation B)	57
Table 13	Analytical Results for Composite Soil Samples, Metals Concentrations, Apparent Impacted Soil Stockpile (Excavation B)	59
Table 14	Analytical Results, Monitoring Well Ground Water Samples and QA/QC Samples	69

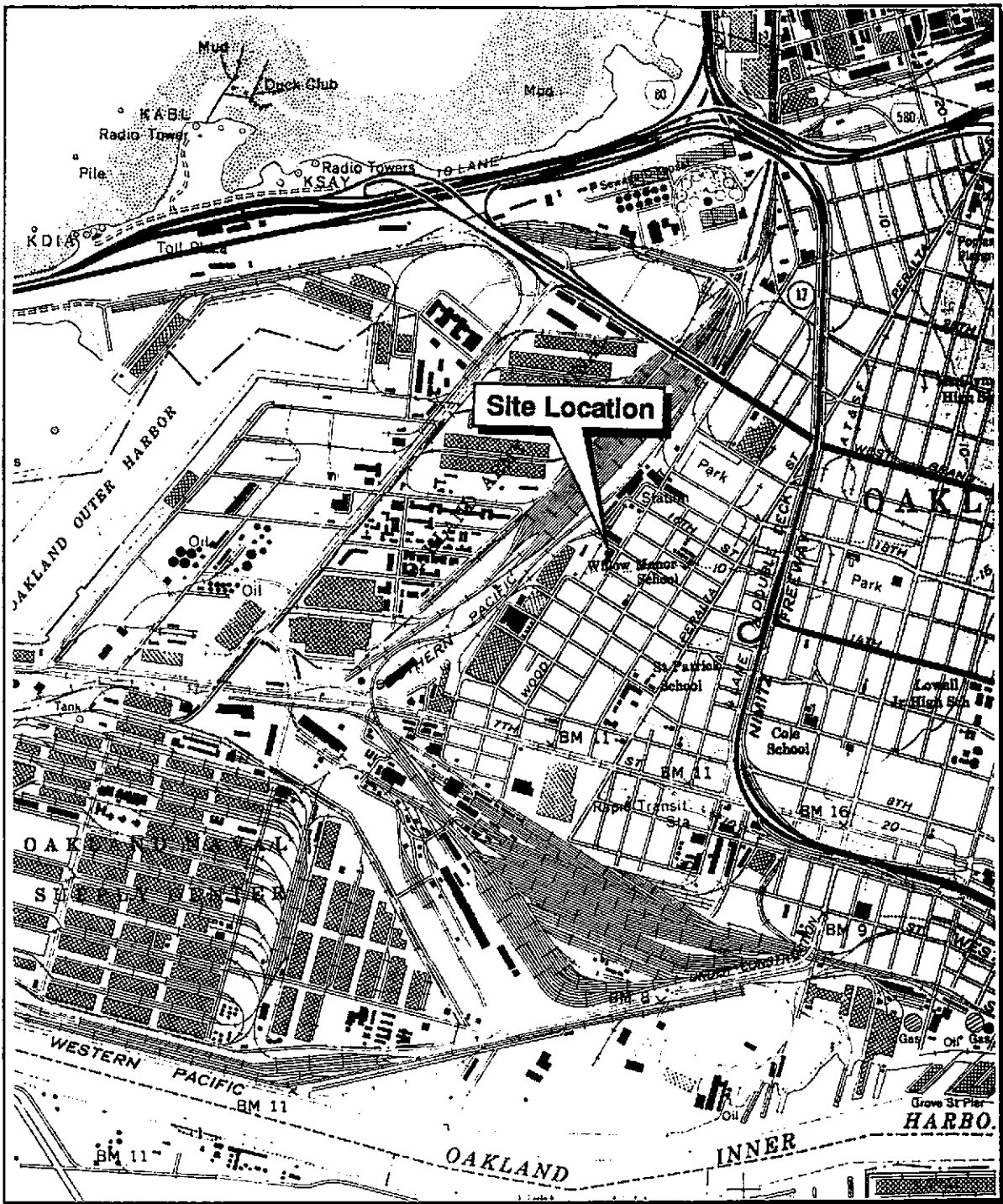
APPENDICES

Appendix A	Soil Boring and Well Construction Logs
Appendix B	Drilling Residuals, Development Water, and Purge Water Drum Inventory List
Appendix C	Well Development and Ground Water Purge Characterization Field Data Sheets
Appendix D	Chain-of-Custody Documents
Appendix E	Analytical Laboratory Reports, Excavation and Stockpile Soil Samples
Appendix F	Analytical Laboratory Reports, Ground Water Samples



1.0 INTRODUCTION

Industrial Compliance (IC), on behalf of Southern Pacific Transportation Company (SPTCo), has conducted soil remediation activities and a ground water investigation at the SPTCo property located at 1399 Wood Street in Oakland, California (Figure 1). Work reported in this report was performed from May 31, 1994 through June 29, 1994 in accordance with a workplan dated April 21, 1994 (workplan entitled: *Revised Soil Remediation and Ground Water Investigation Workplan, Southern Pacific Transportation Company, 1399 Wood Street, Oakland, California*). The workplan was approved by the Alameda County Health Care Services Agency in a letter dated April 26, 1994 (letter entitled: *1399 Wood Street, Oakland, CA 94607*).



Approximate Scale in Feet
 0 2000

Figure 1
Site Location Map
Southern Pacific Transportation Company
1399 Wood Street
Oakland, California

Reference:
 USGS 7.5 Minute Topographic Map
 Oakland West Quadrangle
 California



Industrial Compliance

A Subsidiary of SP
 Environmental Systems, Inc.



Oak-535/Ltr.0794/F.01 #200

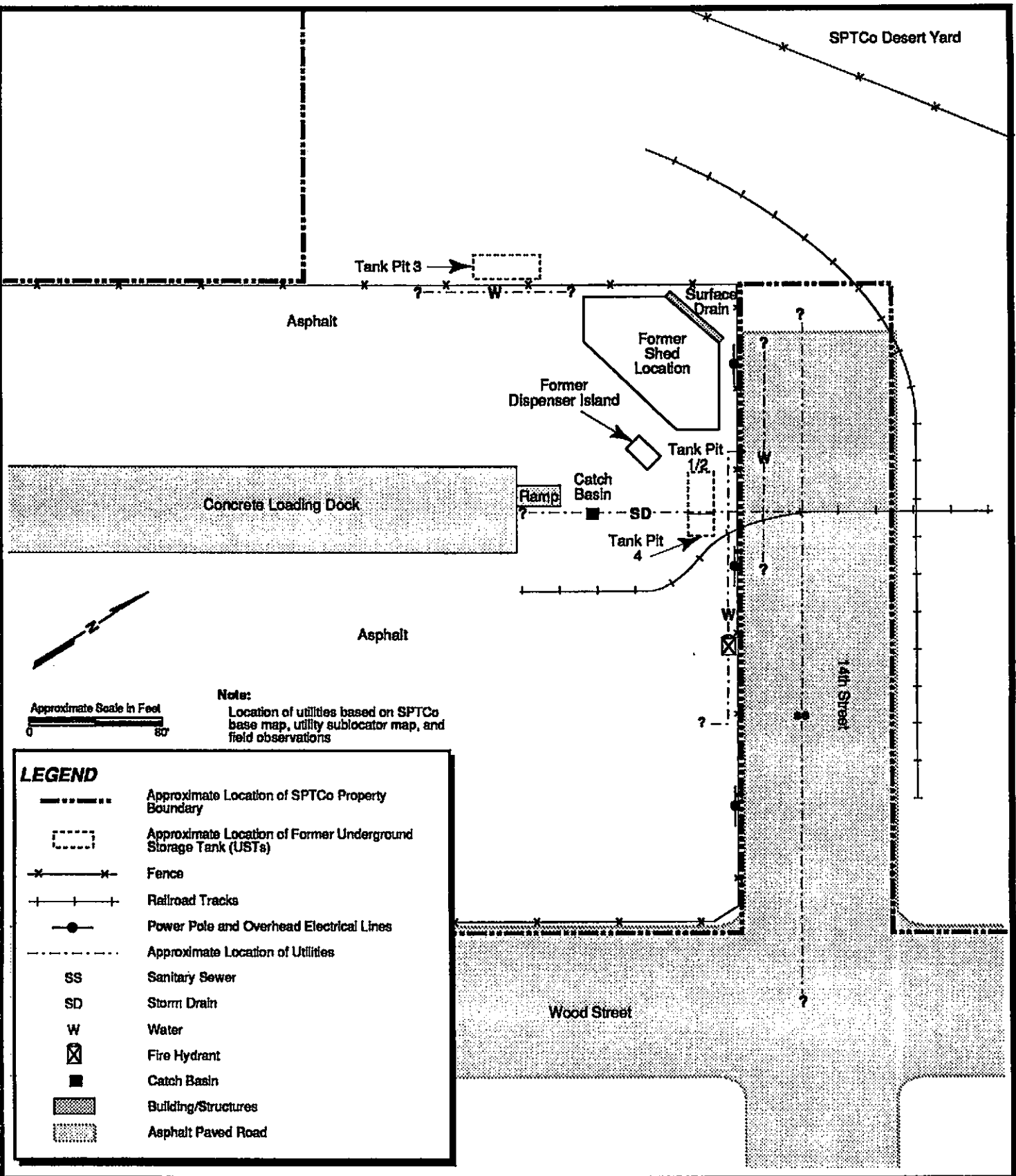
2.0 BACKGROUND

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*).

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-ethylhexyl)phthalate. The locations of the soil samples collected are shown on Figure 3. The results of laboratory analyses for the soil samples are summarized in Table 1.

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 practical quantitation limit (PQL). One grab ground water sample was collected from the base of the excavation at Tank 3. Laboratory analyses performed on this sample identified xylenes as the only constituent present at a concentration of 0.0013 ppm. The locations of the ground





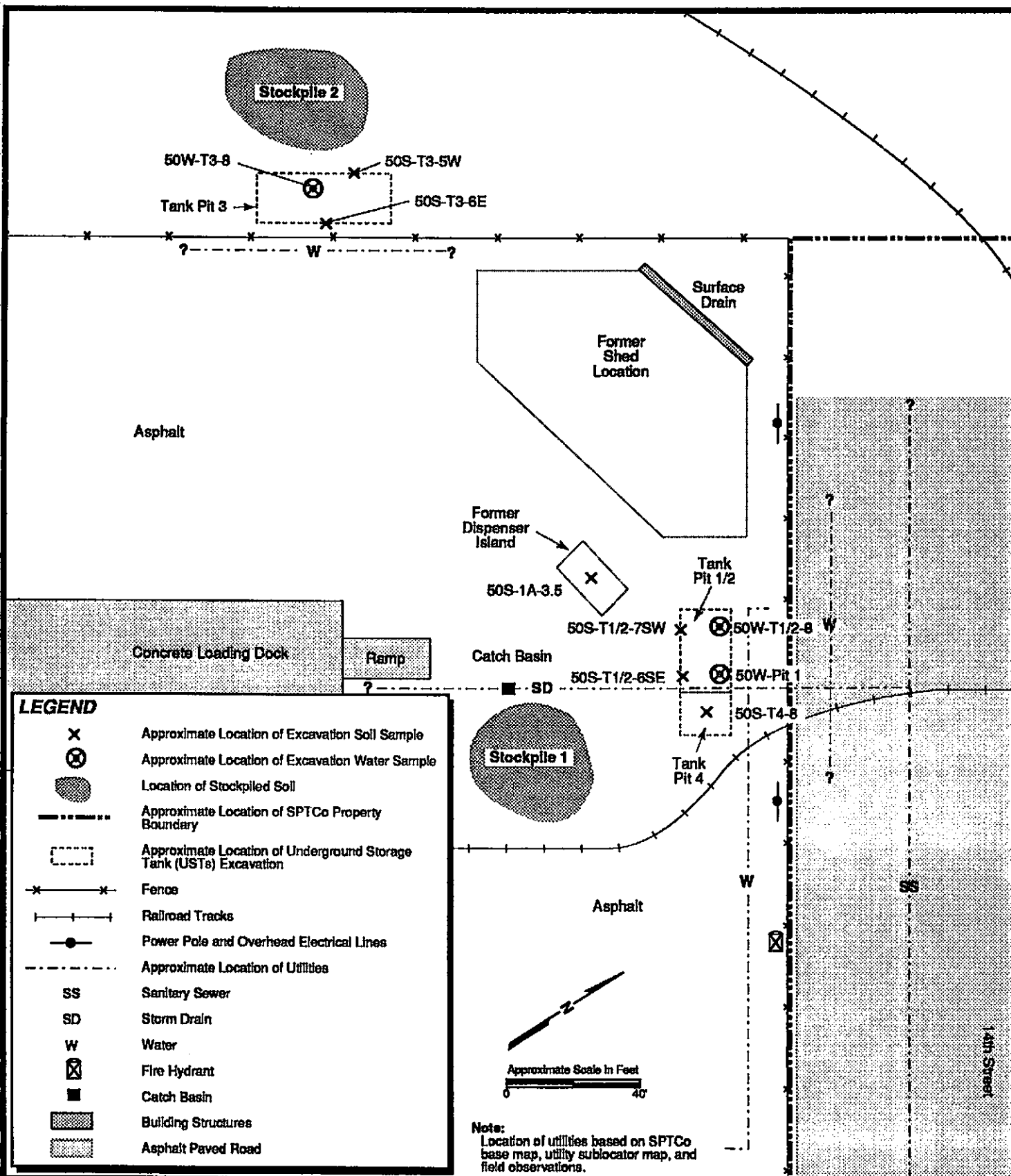
Industrial Compliance
 A Subsidiary of SP Environmental Systems, Inc.

Project No.: 05100535 Date: 08/22/94

Drawn By: Patti Decker Checked By: James G. Jensen

SITE LAYOUT MAP
SOUTHERN PACIFIC TRANSPORTATION COMPANY
 1399 WOOD STREET
 OAKLAND, CALIFORNIA

Figure: 2
Page: 4
Scale: as shown



Industrial Compliance
A Subsidiary of SP Environmental Systems, Inc.

Project No.: 05100535 Date: 08/15/94

Drawn By: Patti Decker Checked By: James G. Jensen

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

Figure:	3
Page:	5
Scale:	as shown

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)				VOCs ^h (mg/kg)	SVOCs ⁱ (mg/kg)
												Cd	Cr	Pb	Zn		
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	NA
	50S-T1/2-6SE		6	6,500	NA	NA	6.7	31	40	230	NA	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	NA
	50S-T3-6E		6	210	NA	NA	<0.025	<0.025	<0.025	0.21	NA	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	<5	36	9.9	56	ND	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	NA
Tank Pit 1/2 Stockpile	50S-SP1/2-COMP1	09/15/89	Comp.	1,300	630	NA	<0.25	4.7	12	27	NA	NA	NA	NA	NA	NA	NA
	50S-SP1/2-COMP2		Comp.	830	180	NA	0.49	3.5	1.7	25	NA	NA	NA	NA	NA	NA	NA
Tank Pit 3 Stockpile	50S-SP3-COMP1	09/15/89	Comp.	3,100	NA	NA	<0.025	<0.025	<0.025	0.37	NA	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 in this sample at or above method practical quantitation limits (PQLs).

Comp. Compositied soil sample.

ND Not detected at or above the method PQL for analyte analyzed for.

NA Not analyzed

< Indicates the constituent was not detected at a concentration at or above the method PQL as listed.

mg/kg Milligrams per kilogram



water samples collected are shown on Figure 3. The results of laboratory analyses for the ground water samples are summarized in 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 in 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 report 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 practical quantitation limit as listed.

mg/L Milligrams per liter

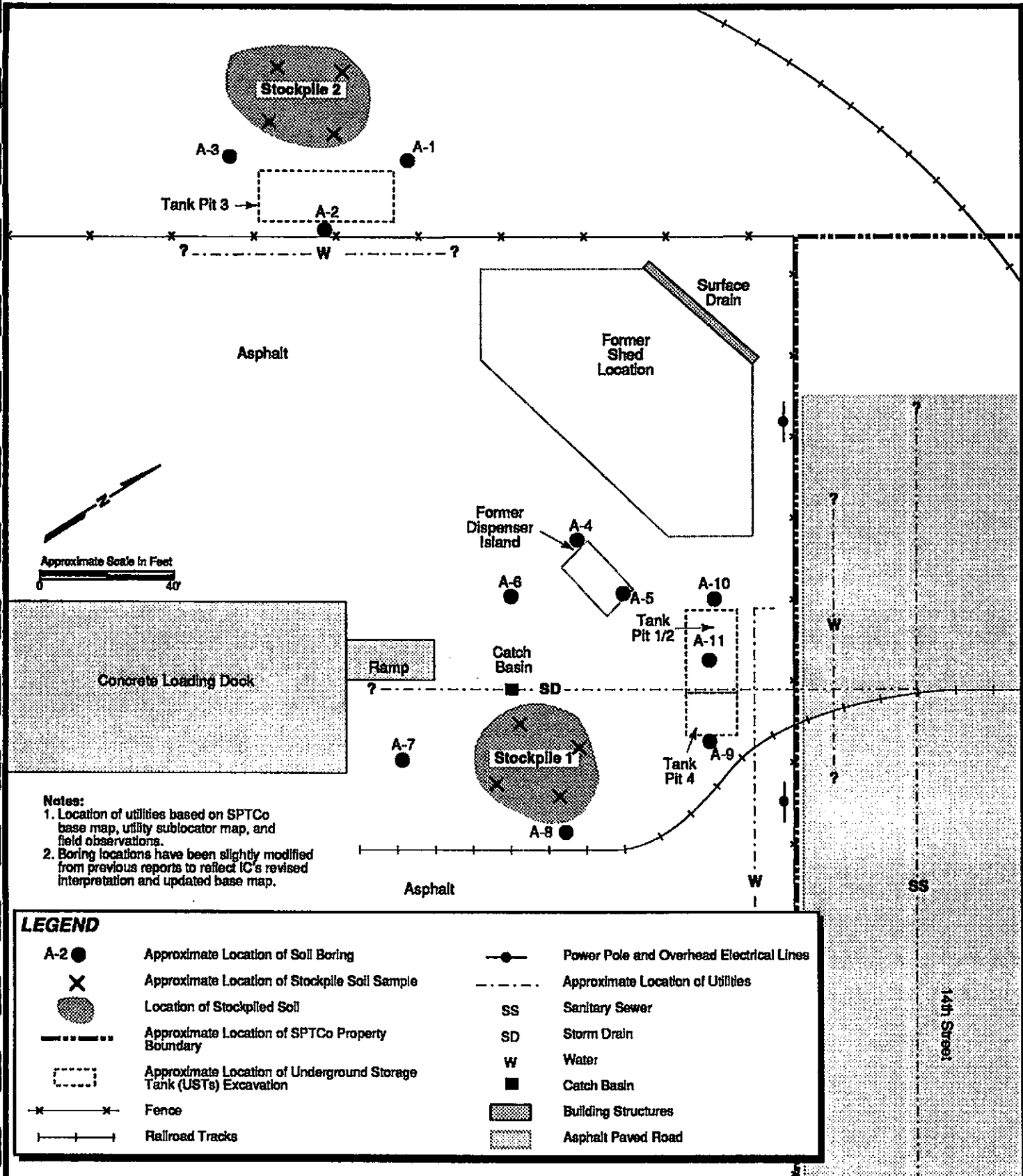


The County approved the workplan in a letter dated June 23, 1992. The County additionally requested SPTCo to address the issues of PCB-impacted soil and the disposition of the 2 soil stockpiles still located on site.

In October, 1992, IC conducted a preliminary soil investigation at the site. The results of the investigation were presented in IC's report dated January 17, 1994 (report entitled: *Preliminary Soil Investigation Report, Southern Pacific Transportation Company, 1399 Wood Street, Oakland, California*). As part of this investigation, 11 borings (A-1 through A-11) were drilled (see Figure 4). Total petroleum hydrocarbons as gasoline (TPH-G), TPH as diesel (TPH-D), and benzene, toluene, ethylbenzene, and xylenes (BTEX) were not identified at or above the method PQL in soil samples collected from 5 of the 11 borings (A-2, A-4, A-6, A-7, and A-8). PCBs were not identified at or above the method PQL in the soil sample collected from A-9, drilled at Tank 4, the former location of the waste oil UST. TPH-G was identified in soil samples collected from 3 of the 11 borings at concentrations ranging from 1.5 ppm to 5,000 ppm. TPH-D was identified in soil samples collected from 4 of the 11 borings at concentrations ranging from 0.7 ppm to 19 ppm. The results of laboratory analyses for the soil samples are summarized in Table 3. Figure 5 is a chemical distribution map for constituents identified in soil samples during the previous investigations conducted at the site. The approximate lateral extent of TPH-G- and TPH-D-impacted soil has been estimated as shown on Figures 6 and 7, respectively. The locations of the soil borings have been slightly modified on Figures 4 through 7 to reflect IC's revised interpretation and updated base map.

In April, 1993, IC collected 8 soil samples from the 2 stockpiles to characterize the soil prior to disposition of the stockpiles. Figure 4 shows the approximate location of the stockpile soil samples. The soil samples were composited by the laboratory into 3 composite soil samples. The results of these field activities were presented in IC's report dated January 17, 1994 (report entitled: *Preliminary Soil Investigation Report, Southern Pacific Transportation*





Notes:
 1. Location of utilities based on SPTCo base map, utility sublocator map, and field observations.
 2. Boring locations have been slightly modified from previous reports to reflect IC's revised interpretation and updated base map.

LEGEND

A-2 ●	Approximate Location of Soil Boring	—●—	Power Pole and Overhead Electrical Lines
✕	Approximate Location of Stockpile Soil Sample	- - - - -	Approximate Location of Utilities
●	Location of Stockpiled Soil	SS	Sanitary Sewer
— — — — —	Approximate Location of SPTCo Property Boundary	SD	Storm Drain
- - - - -	Approximate Location of Underground Storage Tank (USTs) Excavation	W	Water
— x — x —	Fence	■	Catch Basin
— — —	Railroad Tracks	▨	Building Structures
		▨	Asphalt Paved Road

Industrial Compliance
 A Subsidiary of SP Environmental Systems, Inc.

Project No.: 05100535 Date: 08/15/94

Drawn By: Patti Decker Checked By: James G. Jensen

LOCATION OF SOIL BORINGS AND STOCKPILE SOIL SAMPLES
PREVIOUS INVESTIGATION OF OCTOBER, 1992
SOUTHERN PACIFIC TRANSPORTATION COMPANY
1399 WOOD STREET
OAKLAND, CALIFORNIA

Figure: 4
Page: 10
Scale: as shown

TABLE 3
ANALYTICAL RESULTS
SOIL BORING SOIL SAMPLES
PREVIOUS INVESTIGATION OF OCTOBER, 1992

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	2.0 - 2.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
	10/22/92	5.0 - 5.5	<0.5	1.4	<0.005	<0.01	<0.005	<0.005	NA
A-2	10/22/92	4.0 - 4.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
	10/22/92	5.5 - 6.0	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
A-3	10/22/92	5.5 - 6.0	<0.5	0.7	<0.005	<0.01	<0.005	<0.005	NA
A-4	10/22/92	5.0 - 5.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
A-5	10/22/92	3.5 - 4.0	5,000 ^e	<50 ^f	3.9	6.9	28	150	NA
	10/22/92	5.0 - 5.5	11	<0.5	0.62	0.1	0.49	1.3	NA
A-6	10/22/92	5.0 - 5.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
A-7	10/23/92	5.0 - 5.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
A-8	10/23/92	5.0 - 5.5	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
A-9	10/23/92	5.0 - 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	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
	10/23/92	4.5 - 5.0	1.5 ^e	4.3	<0.005	<0.01	0.008	0.029	NA

a See Figure 4 for approximate boring locations.

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

c Volatile organic compounds (VOCs) analyzed by EPA Method 8260 Modified.

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

e TPH in this sample identified by the laboratory as weathered gasoline.

f High concentration of some analytes caused the sample to be run diluted resulting in raised method practical quantitation limits (PQLs) for analytes.

mg/kg Milligrams per kilogram

NA Not analyzed.

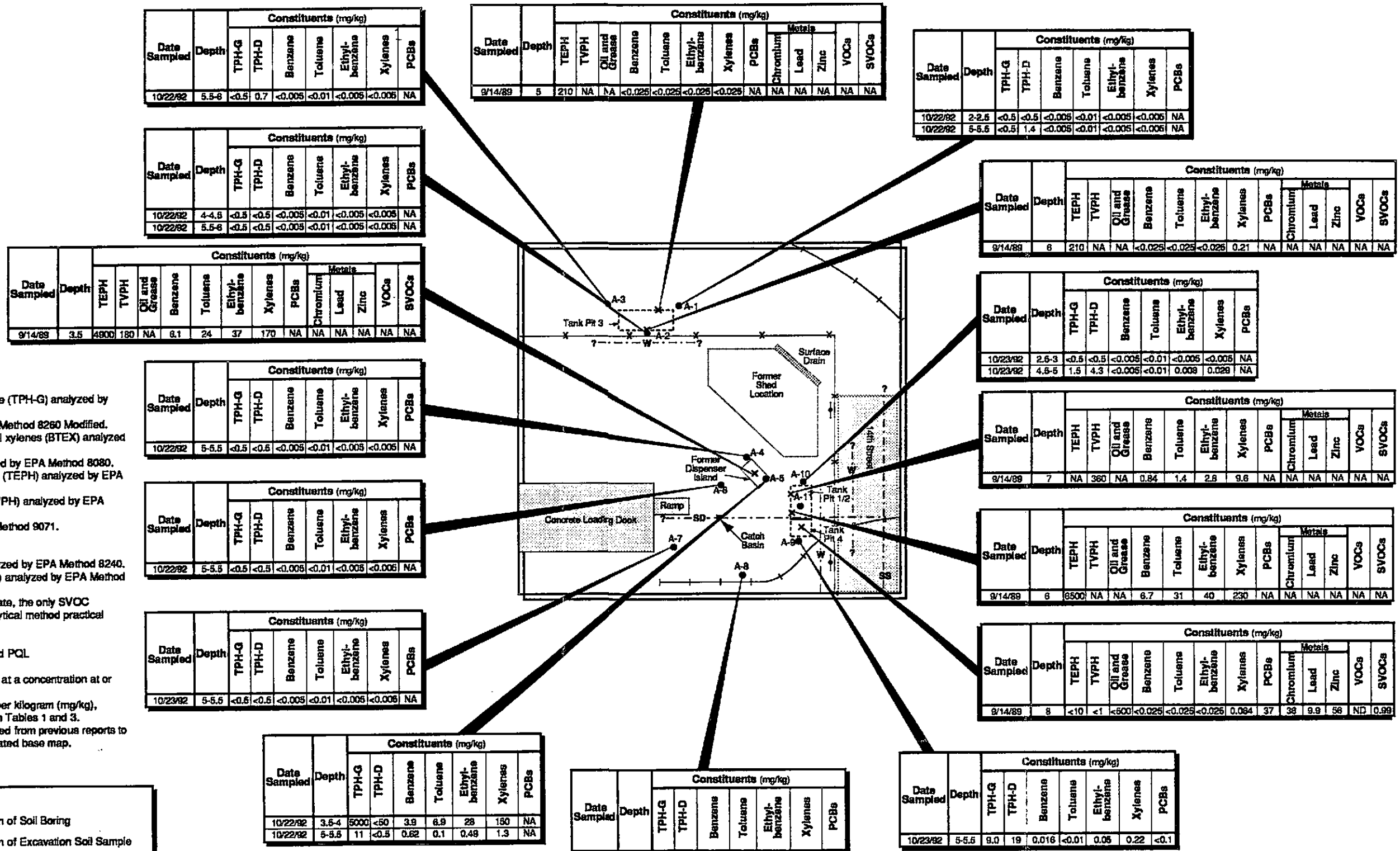
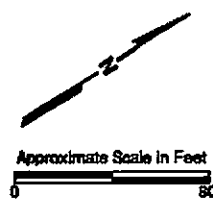
< Indicates the constituent was not detected at a concentration at or above the method PQL as listed.



- NOTES:**
- Depth in feet below ground surface.
 - Total Petroleum Hydrocarbons as gasoline (TPH-G) analyzed by EPA Method 8260 Modified.
 - TPH as diesel (TPH-D) analyzed by EPA Method 8260 Modified.
 - Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyzed by EPA Method 8260 Modified.
 - Polychlorinated biphenyls (PCBs) analyzed by EPA Method 8080.
 - Total extractable petroleum hydrocarbons (TEPH) analyzed by EPA Method 8015.
 - Total volatile petroleum hydrocarbons (TVPH) analyzed by EPA Method 8015.
 - Oil and grease (O&G) analyzed by EPA Method 9071.
 - BTEX analyzed by EPA Method 8020.
 - Metals analyzed by EPA Method 6010.
 - Volatile organic compounds (VOCs) analyzed by EPA Method 8240.
 - Semivolatile organic compounds (SVOCs) analyzed by EPA Method 8270.
 - Concentration of bis (2-ethylhexyl) phthalate, the only SVOC constituent identified at or above the analytical method practical quantitation limits (PQL).
 - NA = Not analyzed
 - ND = Not detected at or above the method PQL for analyte analyzed for.
 - < = Indicates the constituent not detected at a concentration at or above the method PQL as noted.
 - All sample results reported in milligrams per kilogram (mg/kg).
 - Laboratory analytical data summarized on Tables 1 and 3.
 - Boring locations have been slightly modified from previous reports to reflect IC's revised interpretation and updated base map.

LEGEND

- A-2 • Approximate Location of Soil Boring
- x Approximate Location of Excavation Soil Sample
- Approximate Location of Underground Storage Tank (USTs) Excavation
- x-x- Fence
- Railroad Tracks
- Power Pole and Overhead Electrical Lines
- Approximate Location of Utilities
- Catch Basin
- Building
- Asphalt Paved Road



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)												
		TEPH	TVPH	Oil and Grease	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs	Chromium	Lead	Zinc	VOCs	SVOCs
9/14/89	5	210	NA	NA	<0.025	<0.025	<0.025	NA	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)												
		TEPH	TVPH	Oil and Grease	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs	Chromium	Lead	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	Chromium	Lead	Zinc	VOCs	SVOCs
9/14/89	3.5	4800	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
10/22/92	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	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
10/22/92	3.5-4	5000	<50	3.9	6.9	28	180	NA
10/22/92	5-5.5	11	<0.5	0.62	0.1	0.49	1.3	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

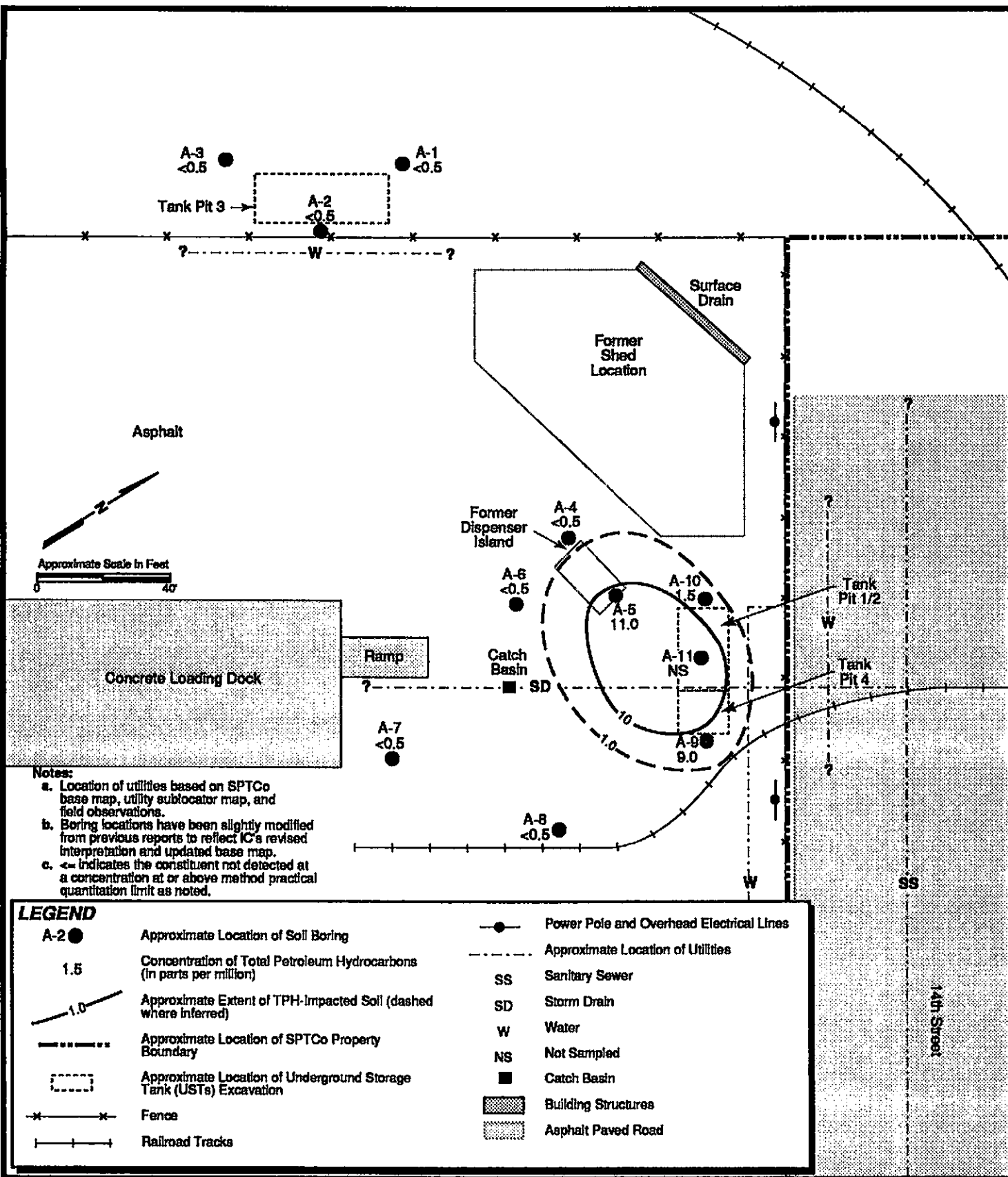
Date Sampled	Depth	Constituents (mg/kg)						
		TPH-G	TPH-D	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs
10/23/92	2.6-3	<0.5	<0.5	<0.005	<0.01	<0.005	<0.005	NA
10/23/92	4.8-5	1.5	4.3	<0.005	<0.01	0.008	0.029	NA

Date Sampled	Depth	Constituents (mg/kg)												
		TEPH	TVPH	Oil and Grease	Benzene	Toluene	Ethyl-benzene	Xylenes	PCBs	Chromium	Lead	Zinc	VOCs	SVOCs
9/14/89	7	NA	360	NA	0.84	1.4	2.6	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	Chromium	Lead	Zinc	VOCs	SVOCs
9/14/89	6	8500	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	Chromium	Lead	Zinc	VOCs	SVOCs
9/14/89	8	<10	<1	<500	<0.025	<0.025	<0.025	0.064	37	38	9.9	56	ND	0.98

	Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.		CHEMICAL DISTRIBUTION MAP FOR CONSTITUENTS IN SOIL SAMPLES IDENTIFIED DURING PREVIOUS SITE INVESTIGATIONS OF SEPTEMBER, 1989 & OCTOBER, 1992 SOUTHERN PACIFIC TRANSPORTATION COMPANY		Figure: 5
	Project No.: 05100535 Date: 08/15/94		1399 WOOD STREET OAKLAND, CALIFORNIA		Page No.: 12
Drawn By: Patti Decker		Checked By: James G. Jensen		Scale: as shown	



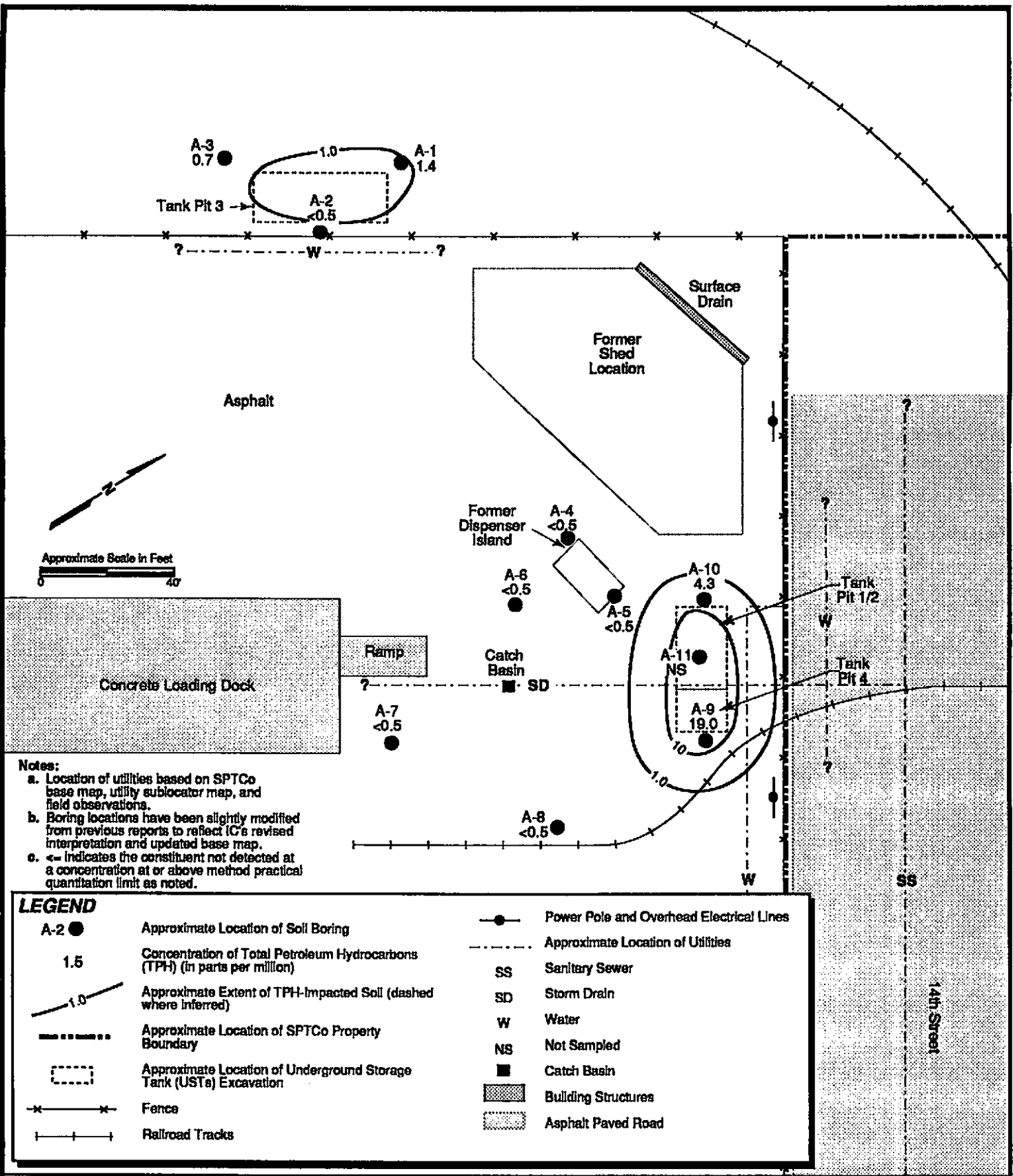
Industrial Compliance
 A Subsidiary of SP Environmental Systems, Inc.

Project No.: 05100535 Date: 08/23/94

Drawn By: Patti Decker Checked By: James G. Jensen

LATERAL EXTENT OF TPH AS GASOLINE IN SOIL SAMPLES AT 5 FEET BGS PREVIOUS INVESTIGATION OF OCTOBER, 1992 SOUTHERN PACIFIC TRANSPORTATION COMPANY 1399 WOOD STREET OAKLAND, CALIFORNIA

Figure:	6
Page:	13
Scale:	as shown



- Notes:**
- Location of utilities based on SPTCo base map, utility sublocator map, and field observations.
 - Boring locations have been slightly modified from previous reports to reflect IC's revised interpretation and updated base map.
 - ← indicates the constituent not detected at a concentration at or above method practical quantitation limit as noted.

LEGEND

A-2 ●	Approximate Location of Soil Boring	●—	Power Pole and Overhead Electrical Lines
1.5	Concentration of Total Petroleum Hydrocarbons (TPH) (in parts per million)	- - - -	Approximate Location of Utilities
1.0	Approximate Extent of TPH-Impacted Soil (dashed where inferred)	SS	Sanitary Sewer
-----	Approximate Location of SPTCo Property Boundary	SD	Storm Drain
⋯⋯⋯	Approximate Location of Underground Storage Tank (USTs) Excavation	W	Water
⋈—⋈	Fence	NS	Not Sampled
— — —	Railroad Tracks	■	Catch Basin
		▒	Building Structures
		▨	Asphalt Paved Road

Industrial Compliance
 A Subsidiary of SP Environmental Systems, Inc.

Project No.: 05100635 Date: 08/23/84

Drawn By: Patti Decker Checked By: James G. Jensen

LATERAL EXTENT OF TPH AS DIESEL IN SOIL SAMPLES AT 5 FEET BGS PREVIOUS INVESTIGATION OF OCTOBER, 1992 SOUTHERN PACIFIC TRANSPORTATION COMPANY 1399 WOOD STREET OAKLAND, CALIFORNIA

Figure:	7
Page:	14
Scale:	as shown

Company, 1399 Wood Street, Oakland, California). IC supervised the removal and disposal of approximately 300 cy of stockpiled soil, investigation-derived residuals, and miscellaneous debris from the site. Based on the concentrations of petroleum hydrocarbons and metals in the composite soil samples collected from the 2 stockpiles, the stockpiled soils were transported to the Chemical Waste Management landfill at Kettleman Hills, California. The results of laboratory analyses for the composite soil samples are summarized in Table 4.

Based on the results of the October, 1992 soil investigation, IC submitted a workplan to Alameda County (workplan dated March 1, 1994 and entitled: *Soil Remediation and Ground Water Investigation Workplan*). This workplan recommended:

- * soil cleanup objectives of 100 ppm for TPH and 18 ppm for benzene;
- * excavation of the apparent impacted soil, and
- * ground water investigation.

Comments were received from Alameda County in a letter dated March 3, 1994 (letter entitled: *1399 Wood Street, Oakland, California*). These comments were addressed in a meeting on March 21, 1994 between representatives of Alameda County and SPTCo and in a letter from IC to Alameda County (letter dated March 29, 1994, letter entitled: *Comments from Alameda County Health Care Services Agency, Soil Remediation and Ground Water Investigation Workplan*).

IC submitted a revised workplan (workplan dated April 21, 1994, workplan entitled: *Revised Soil Remediation and Ground Water Investigation Workplan*). This revised workplan incorporated the recommendations requested by Alameda County in the above listed correspondence.



TABLE 4
ANALYTICAL RESULTS
COMPOSITE SOIL SAMPLES FROM STOCKPILED SOIL
PREVIOUS FIELD ACTIVITIES OF APRIL, 1993

Sample ID ^a	Date Collected	Total Petroleum Hydrocarbons (mg/kg)										Metals ^g (mg/kg)									STLC Lead ^h (mg/L)	
		Gasoline ^b	Hydrocarbon Mixture ^b	Diesel ^c	Hydrocarbon Mixture ^c	Benzene ^d (mg/kg)	Toluene ^d (mg/kg)	Ethylbenzene ^d (mg/kg)	Xylenes ^d (mg/kg)	HVOCs ^e (mg/kg)	SVOCs ^f (mg/kg)	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	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	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	ND	ND	<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 5030GC/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.

ND Not detected at or above the practical quantitation limit (PQL) for analyte analyzed for.

NA Not analyzed.

< Indicates the constituent was not detected at a concentration at or above the method PQL 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).



Alameda County approved the revised workplan in a letter dated April 26, 1994 (letter entitled: *1399 Wood Street, Oakland, CA 94607*). The revised workplan recommended:

- * Soil cleanup and reuse objectives of 100 ppm for TPH and 4.6 ppm for benzene,
- * excavation of apparent impacted soil, and
- * ground water investigation.

In accordance with the approved revised workplan, IC conducted soil remediation activities and a ground water investigation at the site from May 31, 1994 through June 29, 1994. The results of the remediation and the investigative activities are presented in this report.



3.0 FIELD ACTIVITIES

This section describes the field methods used to perform the soil remediation, drill the soil borings, install the ground water monitoring wells, and collect the soil and ground water samples in accordance with the IC's workplan dated April 21, 1994 (workplan entitled: *Revised Soil Remediation and Ground Water Investigation Workplan*). The excavation at the former location of Tank 3 (the diesel UST) is referred to in this report as Excavation A. The field activities associated with Excavation A are described in Section 3.1 below. The excavation at the former locations of Tank 1/2 (the gas/diesel UST), Tank 4 (the waste oil UST), and the dispenser island is referred to in this report as Excavation B. The field activities associated with Excavation B are described in Section 3.2 below.

3.1 Soil Remediation at Former Location of Tank 3 (Excavation A)

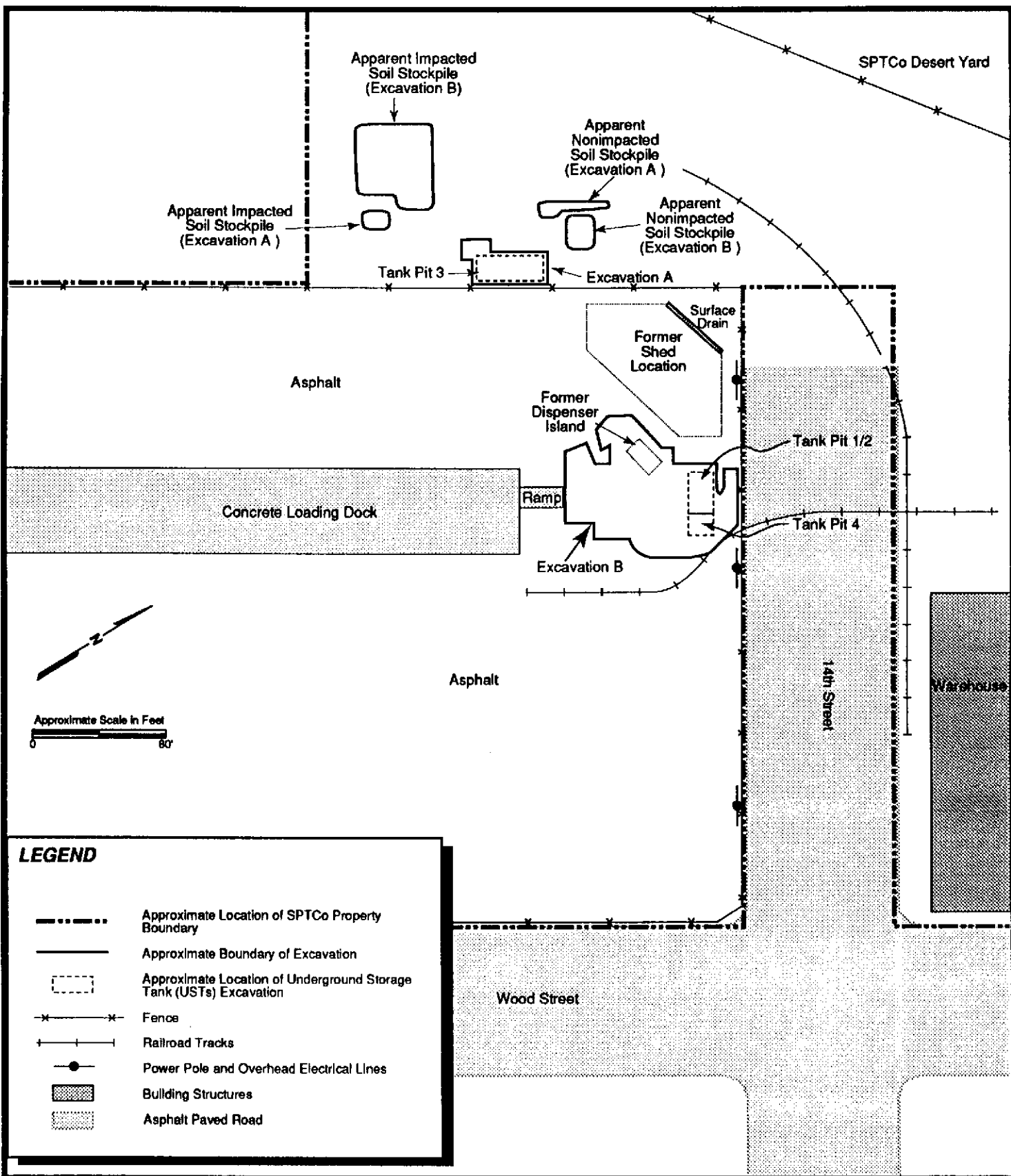
Soil samples collected from a depth estimated by IC as 6 feet below ground surface (bgs) from the UST excavation after removal of the UST during the September, 1989 investigation identified maximum concentrations of TEPH of 210 ppm. Soil samples collected at approximately 5 feet bgs from soil borings drilled during the October, 1992 investigation identified maximum concentrations of TPH-D of 1.4 ppm. Based on the results of the October, 1992 investigation, IC prepared the previously referenced workplan for soil remediation which proposed excavation and disposal of soil which exceeds soil action levels of 100 ppm of TPH and 4.6 ppm of benzene. This section describes the soil remedial activities.

3.1.1 Soil Excavation

On May 31, 1994 and June 1, 1994, soil was excavated from Excavation A (see Figure 8), using an excavator. Excavated soil was removed to a central stockpile site in the Desert Yard where it was separated into 2 stockpiles consisting of apparent nonimpacted soil and apparent impacted soil. Soil was placed on plastic sheeting and also covered with plastic sheeting at the end of each work day. During the excavation activities, the excavation pit and the removed soil were regularly monitored with a portable photoionization detector (PID). The excavation was extended to an approximate depth of 4 feet bgs, until apparent nonimpacted native soil was exposed on the sidewalls. The apparent ground water table was observed in the excavation at an approximate depth of 4 feet bgs.


Approximately 150 cy of soil was removed from the excavation. Upon completion of excavation activities, confirmation samples were collected from the excavation (see Section 3.1.1.1 for details of excavation confirmation sampling) and from the stockpiles generated from Excavation A (see Sections 3.1.1.2 and 3.1.1.3). Temporary barricades were placed around the perimeter of the open excavation until the analytical results of the excavation confirmation samples were received. Confirmation sample results indicated that TPH and benzene concentrations in the soil were below the recommended soil action levels; therefore, the excavation was considered completed, and the open excavation pit was backfilled. Results from the stockpile sampling indicated that the soil constituent concentrations were below the proposed cleanup levels, therefore, the excavation was backfilled with the stockpile soil and with clean imported fill. The soil was compacted by wheel-rolling with a loader.





LEGEND

- Approximate Location of SPTCo Property Boundary
- Approximate Boundary of Excavation
- Approximate Location of Underground Storage Tank (USTs) Excavation
- x-x-x-x- Fence
- + + + + Railroad Tracks
- Power Pole and Overhead Electrical Lines
- ▒ Building Structures
- ▒ Asphalt Paved Road

 Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.	
Project No.: 05100535	Date: 08/15/94
Drawn By: Patil Decker	Checked By: James G. Jensen

**SITE LAYOUT MAP
 SHOWING EXCAVATION LIMITS
 AND SOIL STOCKPILE LOCATIONS, JUNE, 1994
 SOUTHERN PACIFIC TRANSPORTATION COMPANY
 1399 WOOD STREET
 OAKLAND, CALIFORNIA**

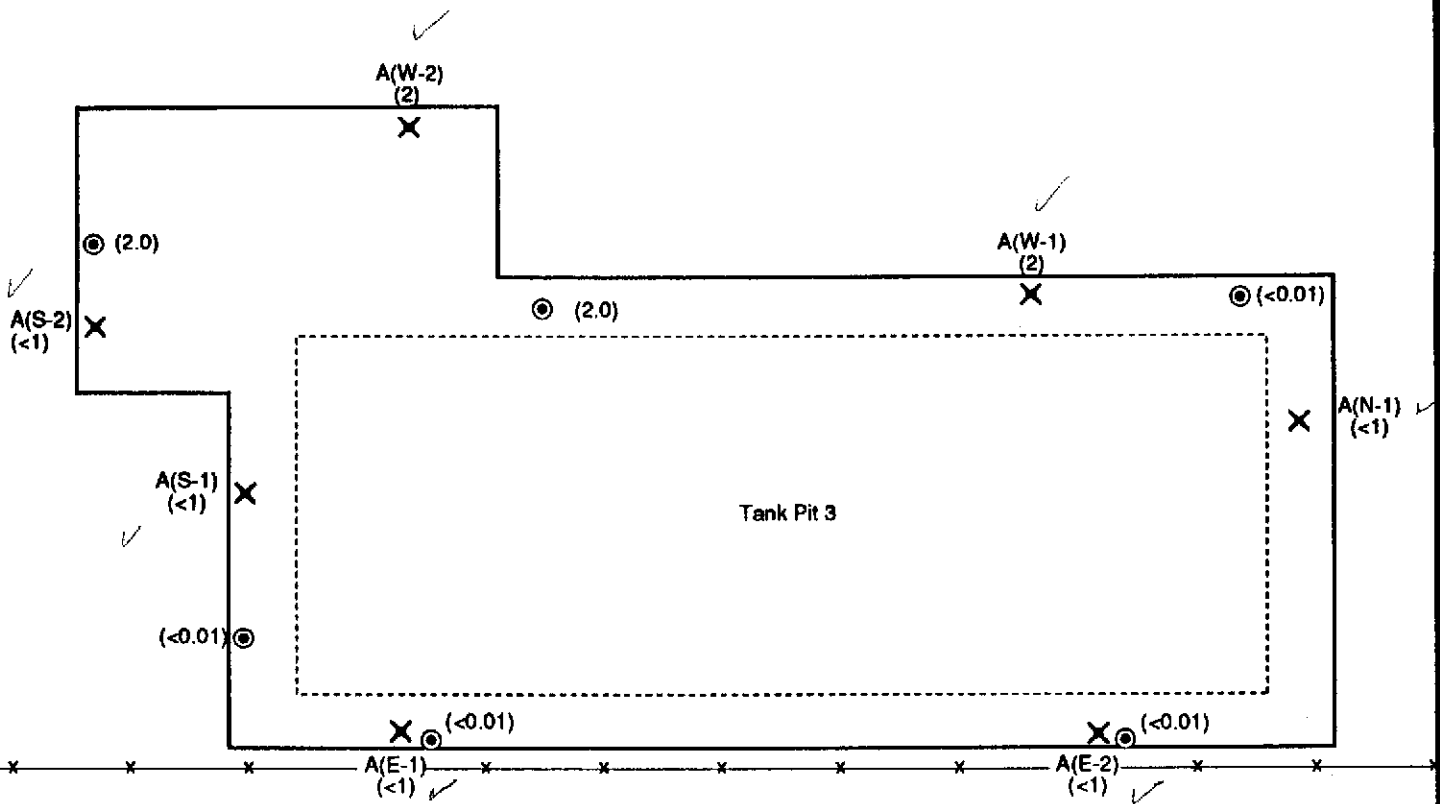
Figure: 8
Page: 20
Scale: as shown

3.1.1.1 Excavation Headspace Analysis and Confirmation Sampling

Prior to collecting the confirmation samples, soil samples were collected for headspace analysis from the sidewalls of the excavation. The soil samples were screened with a PID, which measures ionized volatile organic vapors and gives a direct readout in parts per million by volume (ppmv) in air. 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 at 3 feet bgs (in general) and were then placed in resealable plastic bags and allowed to sit in direct sunlight for approximately 15 minutes after which the probe of the PID was quickly inserted and a reading taken.

Six headspace samples from Excavation A were measured. The maximum PID readings obtained were 2.0 ppm. The results of the field headspace analysis are included on Figure 9.

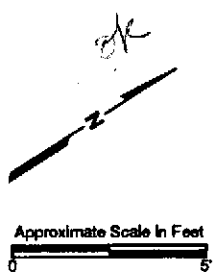
Confirmation samples were collected from the sidewalls of the excavation at a depth of 3 feet bgs and at a frequency of 1 sample per 20 linear feet to assess the lateral and vertical extent of potentially impacted soil, in accordance with the approved workplan. Seven confirmation samples were collected at locations shown on Figure 9. Analytical results are discussed in Section 4.1.1. A precleaned 2-inch by 6-inch brass tube was filled with soil from each selected sample location. Both ends of the tube were covered with Teflon sheeting and tight-fitting plastic endcaps. 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. After preparation, samples were 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 California state-certified analytical laboratory. A chain-of-custody form was completed concurrently with sample collection and accompanied the samples upon transport to the laboratory. These samples were analyzed on an expedited 24-hour turn-around-time. Confirmation samples were analyzed for TPH-D and petroleum hydrocarbon constituents




LEGEND

- A(W-2) (2) X Approximate Location of Confirmation Soil Sample (Total Petroleum Hydrocarbons as diesel concentration, in parts per million (ppm))
- (2.0) ● Approximate Location of Headspace Sample (results in ppm)
- Approximate Boundary of Excavation A
- - - - - Approximate Location of Underground Storage Tank (UST) Excavation
- x — x — x Fence

- Notes:**
- a. See Figure 8 for approximate location of Excavation A.
 - b. All samples collected at 3 feet bgs.
 - c. Analytical results discussed in Section 4.1.1 and summarized on Table 7.
 - d. <= indicates the constituent not detected at a concentration at or above method practical quantitation limit as noted.



 Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.	
Project No.: 05100535	Date: 08/16/94
Drawn By: Patti Decker	Checked By: James G. Jensen

**HEADSPACE RESULTS AND CONFIRMATION SAMPLE
 TPH AS DIESEL RESULTS FROM EXCAVATION A
 SOUTHERN PACIFIC TRANSPORTATION COMPANY
 1399 WOOD STREET
 OAKLAND, CALIFORNIA**

Figure: 9
Page No.: 22
Scale: as shown

(which included BTEX, 1,2-dichloroethane [1,2-DCA], and ethylene dibromide [EDB]), using EPA Method 8260 Modified.

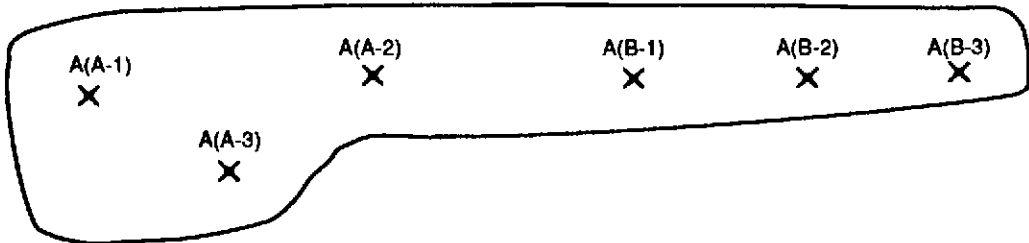
3.1.1.2 Apparent Nonimpacted Soil Stockpile Sampling

Approximately 90 cy of apparent nonimpacted soil was removed and stockpiled during the excavation activities. As per the approved workplan, 6 soil samples were collected from the stockpile at the locations shown on Figure 10. Analytical results are discussed in Section 4.1.2. Soil samples were collected by digging approximately 2 feet into the stockpile with a clean shovel. The soil from this depth was packed into a precleaned 2-inch by 6-inch brass tube. Both ends of the tube were covered with Teflon sheeting and tight-fitting plastic endcaps. 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. A chain-of-custody form was completed concurrently with sample collection and accompanied the samples upon transport to the laboratory. The 6 samples were composited by the laboratory into 2 composite samples and were analyzed on an expedited 24-hour turn-around-time. The composite samples were analyzed for TPH-G, TPH-D, and petroleum hydrocarbon constituents, using EPA Method 8260 Modified.

3.1.1.3 Apparent Impacted Soil Stockpile Sampling

Approximately 60 cy of apparent impacted (slightly discolored) soil was removed and stockpiled during the excavation activities. Characterization samples of the stockpiled soil were collected at a frequency of 1 composite sample per 50 cy of material. Eight soil samples were collected from the stockpile at the locations shown on Figure 11. Analytical results are discussed in Section 4.1.3. Soil samples were collected by digging approximately 2 feet into the stockpile with a clean shovel. The soil from this depth was packed into a





Notes:

- a. See Figure 8 for approximate location of stockpile and Excavation A.
- b. Analytical results discussed in Section 4.1.2 and summarized on Table 8.

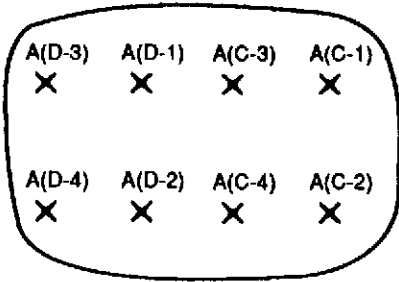


Approximate Scale in Feet
 0 10'

	Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.	
	Project No.: 05100535	Date: 08/16/94
Drawn By: Patti Decker	Checked By: James G. Jensen	

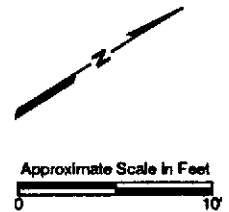
**LOCATION OF SOIL SAMPLES
 COLLECTED FROM APPARENT NONIMPACTED SOIL
 STOCKPILE (EXCAVATION A)
 SOUTHERN PACIFIC TRANSPORTATION COMPANY
 1399 WOOD STREET
 OAKLAND, CALIFORNIA**

Figure:	10
Page No.:	24
Scale:	as shown



Notes:

- a. See Figure 8 for approximate location of stockpile and Excavation A.
- b. Analytical results discussed in Section 4.1.3 and summarized on Table 9.



	Industrial Compliance <small>A Subsidiary of SP Environmental Systems, Inc.</small>	
	Project No.: 05100535	Date: 08/15/94
Drawn By: Patti Decker	Checked By: James G. Jensen	

**LOCATION OF SOIL SAMPLES
 COLLECTED FROM APPARENT IMPACTED SOIL
 STOCKPILE (EXCAVATION A)
 SOUTHERN PACIFIC TRANSPORTATION COMPANY
 1399 WOOD STREET
 OAKLAND, CALIFORNIA**

Figure:	11
Page No.:	25
Scale:	as shown

precleaned 2-inch by 6-inch brass tube. Both ends of the tube were covered with Teflon sheeting and tight-fitting plastic endcaps. 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. A chain-of-custody form was completed concurrently with sample collection and accompanied the samples upon transport to the laboratory. The 8 samples were composited by the laboratory into 2 composite samples and were analyzed for the 8-RCRA metals using EPA 6010 and 7000 series methodology, and for TPH-G, TPH-D, and petroleum hydrocarbon constituents using EPA Method 8260 Modified. The stockpiled soil was left at its location in the Desert Yard (see Figure 8) pending results of the laboratory analysis.

3.2 Soil Remediation at Former Location of Tanks 1/2, 4, and Dispenser Island (Excavation B)

Soil samples collected from a depth estimated by IC as 6 feet bgs from the UST excavation after removal of the USTs during the September, 1989 investigation identified maximum concentrations of TEPH of 6,500 ppm. Soil samples collected at approximately 5 feet bgs from soil borings drilled during the October, 1992 investigation identified maximum concentrations of TPH-G and TPH-D of 5,000 ppm and 19 ppm, respectively. Based on the results of the October, 1992 investigation, IC prepared the previously referenced workplan for soil remediation which proposed excavation and disposal of soil which exceeds soil action levels of 100 ppm of TPH and 4.6 ppm of benzene. This section describes the soil remedial activities.



3.2.1 Soil Excavation

Between June 1, 1994 and June 6, 1994, soil was excavated from Excavation B (see Figure 8), using an excavator. Excavated soil was removed to a central stockpile site in the Desert Yard where it was separated into stockpiles consisting of apparent nonimpacted soil and apparent impacted soil. Soil was placed on plastic sheeting and also covered with plastic sheeting at the end of each work day. During the excavation activities, the excavation pit and the removed soil were regularly monitored with a portable PID. A catch basin and a storm drainline were removed during excavation activities. The excavation was extended to the east, south, and west to an approximate depth of 7.5 feet bgs, until apparent nonimpacted native soil was exposed on the sidewalls and base of the excavation. The apparent ground water table was observed in the excavation at an approximate depth of 7.5 feet bgs. The excavation to the north was discontinued at the approximate boundary of SPTCo's property.

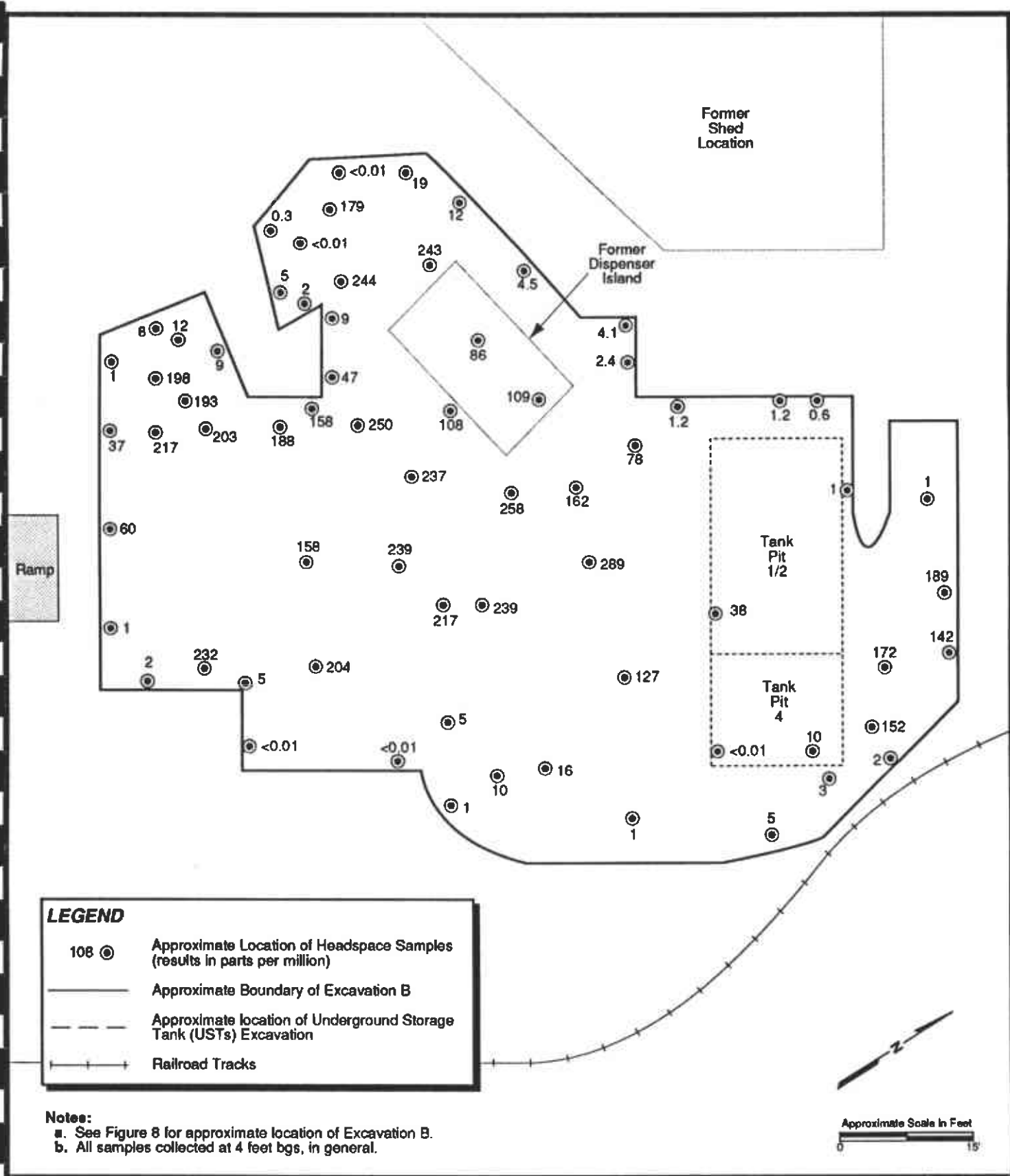
Approximately 1,030 cy of soil was removed from the excavation. Upon completion of excavation activities, confirmation samples were collected from the excavation (see Section 3.2.1.1 for details of excavation confirmation sampling) and from the stockpiles generated from Excavation B (see Sections 3.2.1.2 and 3.2.1.3). Temporary barricades were placed around the perimeter of the open excavation until the analytical results of the excavation confirmation samples were received. After confirmation sample results were received, indicating TPH and benzene concentrations in the soil were below the recommended soil action levels (with the exception of 1 sample from the north sidewall — see analytical results in Section 4.2.1), the open excavation pit was backfilled with clean imported soil and soil from the previously removed nonimpacted stockpile. The soil was compacted by wheel-rolling with a loader. After backfilling and compacting was completed, the area was re-surfaced with asphalt pavement.

3.2.1.1 Excavation Headspace Analysis and Confirmation Sampling

Prior to collecting the confirmation samples, soil samples were collected for headspace analysis from the sidewalls and base of the excavation. The soil samples were screened with a PID (previously described in Section 3.1.1.1). The samples for PID screening were taken, in general, from depths of 4 feet bgs and 7 feet bgs. These samples were placed in resealable plastic bags and allowed to sit in direct sunlight for approximately 15 minutes after which the probe of the PID was quickly inserted and a reading taken.

Sixty-seven headspace samples from Excavation B were measured. PID readings ranged from <0.01 ppm to 289 ppm. The results of the field headspace analysis are included on Figure 12. These results were used to evaluate the need for future excavation or the collection of a confirmation sample. The value of the headspace sample was compared with the corresponding soil sample analytical data to evaluate if a correlation existed. Headspace values below 150 ppm appeared to correlate, in general, with soil sample laboratory analytical results below the soil cleanup objectives. These correlations, along with field observations, were used in decisions regarding completion of the excavation.

Confirmation samples were collected from the sidewalls and base of the excavation at a depth of 4 feet bgs (in general) and at a frequency of 1 sample per 20 linear feet to assess the lateral and vertical extent of potentially impacted soil, in accordance with the approved workplan. Twenty confirmation samples were collected at locations shown on Figure 13. Analytical results are discussed in Section 4.2.1. A precleaned 2-inch by 6-inch brass tube was filled with soil from each selected sample location. Both ends of the tube were covered with Teflon sheeting and tight-fitting plastic endcaps. 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. After preparation, samples were placed in a clean, resealable plastic bag and stored in a chilled ice chest for transport to Coast-to-Coast.



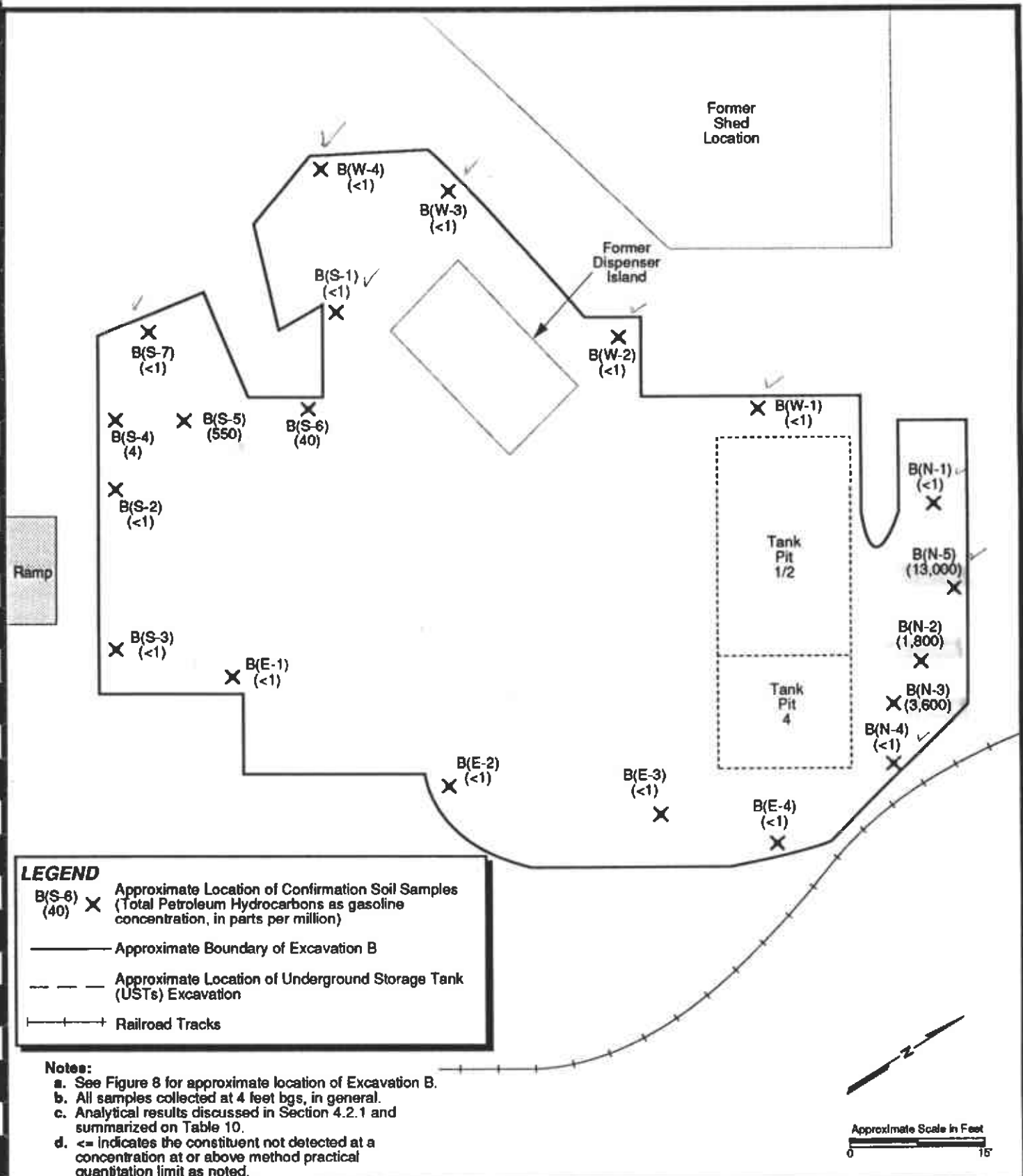
IC Industrial Compliance
A Subsidiary of SP Environmental Systems, Inc.

Project No.: 05100535 Date: 08/26/94

Drawn By: Patil Decker Checked By: James G. Jensen

LOCATION OF HEADSPACE RESULTS COLLECTED FROM EXCAVATION B SOUTHERN PACIFIC TRANSPORTATION COMPANY 1399 WOOD STREET OAKLAND, CALIFORNIA

Figure:	12
Page No.:	29
Scale:	as shown



Industrial Compliance
 A Subsidiary of SP Environmental Systems, Inc.

Project No.: 05100535 Date: 08/16/94

Drawn By: Patti Decker Checked By: James G. Jensen

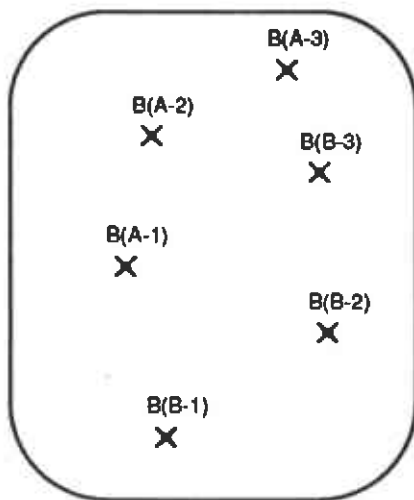
**CONFIRMATION SAMPLE TPH AS GASOLINE
 RESULTS FROM EXCAVATION B
 SOUTHERN PACIFIC TRANSPORTATION COMPANY
 1399 WOOD STREET
 OAKLAND, CALIFORNIA**

Figure:	13
Page No.:	30
Scale:	as shown

A chain-of-custody form was completed concurrently with sample collection and accompanied the samples upon transport to the laboratory. These samples were analyzed on an expedited 24-hour turnaround-time. Confirmation samples were analyzed for TPH-G, TPH-D, and petroleum hydrocarbon constituents, using EPA Method 8260 Modified. Confirmation samples from the area where the waste oil tank (Tank 4) was removed were also analyzed for PCBs.

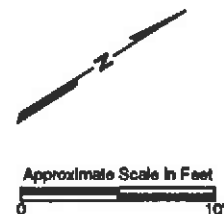
3.2.1.2 Apparent Nonimpacted Soil Stockpile Sampling

Approximately 80 cy of apparent nonimpacted soil was removed and stockpiled during the excavation activities. As per the approved workplan, 6 soil samples were collected from the stockpile at the locations shown on Figure 14. Analytical results are discussed in Section 4.2.2. Soil samples were collected by digging approximately 2 feet into the stockpile with a clean shovel. The soil from this depth was packed into a precleaned 2-inch by 6-inch brass tube. Both ends of the tube were covered with Teflon sheeting and tight-fitting plastic endcaps. 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. A chain-of-custody form was completed concurrently with sample collection and accompanied the samples upon transport to the laboratory. The 6 samples were composited by the laboratory into 2 composite samples and were analyzed on an expedited 24-hour turnaround-time. The composite samples were analyzed for TPH-G, TPH-D, and petroleum hydrocarbon constituents, using EPA Method 8260 Modified.



Notes:

- a. See Figure 8 for approximate location of stockpile and Excavation B.
- b. Analytical results discussed in section 4.2.2 and summarized on Table 11.



Industrial Compliance

A Subsidiary of SP
Environmental Systems, Inc.



**LOCATION OF SOIL SAMPLES
COLLECTED FROM APPARENT NONIMPACTED SOIL
STACKPILE (EXCAVATION B)
SOUTHERN PACIFIC TRANSPORTATION COMPANY
1399 WOOD STREET
OAKLAND, CALIFORNIA**

Figure:

14

Page No.:

32

Scale:

as shown

Project No.: **05100535**

Date: **08/16/94**

Drawn By: **Patti Decker**

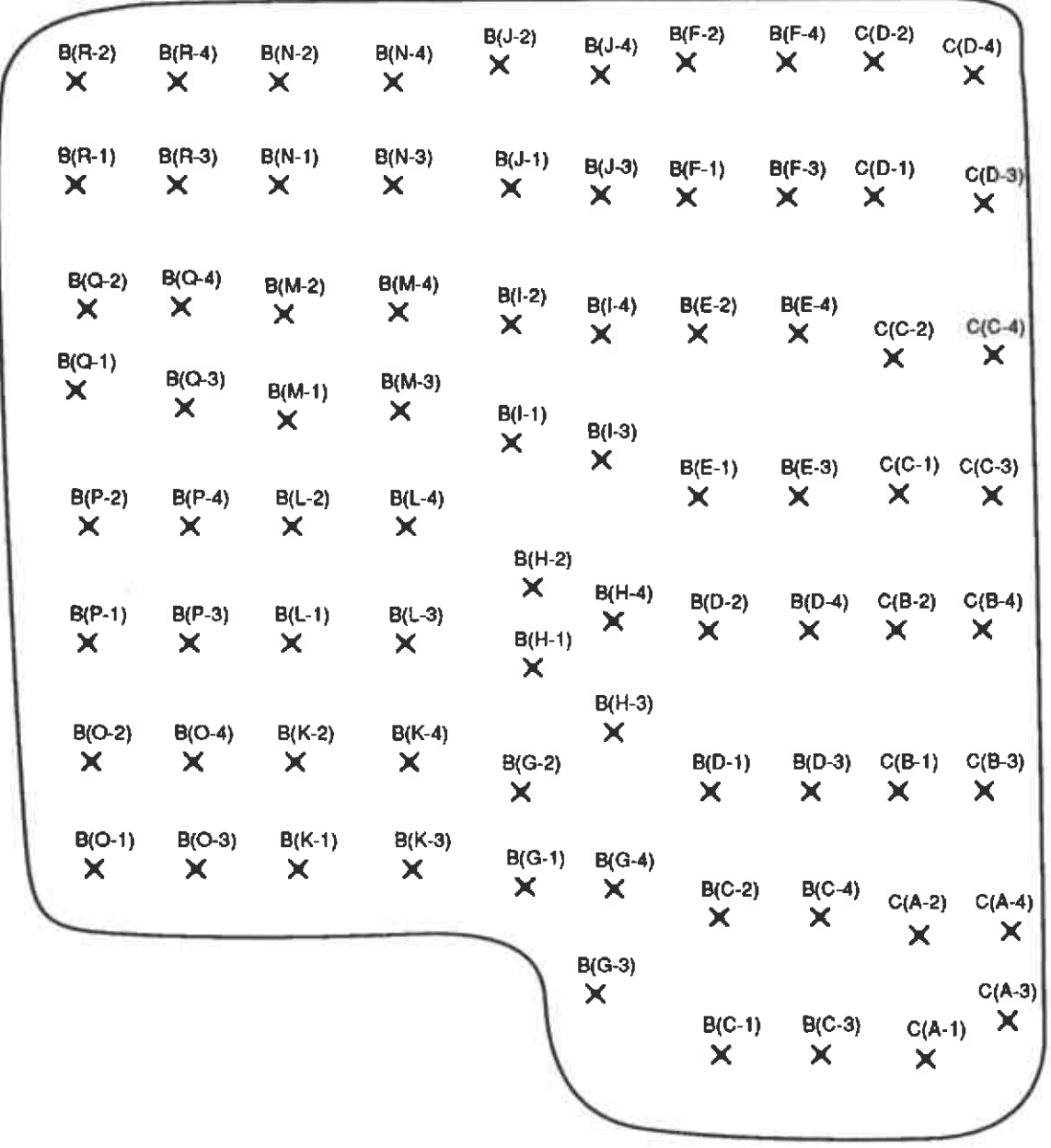
Checked By: **James G. Jensen**

3.2.1.3 Apparent Impacted Soil Stockpile Sampling

Approximately 950 cy of apparent impacted (based on field headspace analysis and discoloration) soil was removed and stockpiled during the excavation activities. Characterization samples of the stockpiled soil were collected at a frequency of 1 composite sample per 50 cy of material. Eighty soil samples were collected from the stockpile at the locations shown on Figure 15. Analytical results are discussed in Section 4.2.3. Soil samples were collected by digging approximately 2 feet into the stockpile with a clean shovel. The soil from this depth was packed into a precleaned 2-inch by 6-inch brass tube. Both ends of the tube were covered with Teflon sheeting and tight-fitting plastic endcaps. 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. A chain-of-custody form was completed concurrently with sample collection and accompanied the samples upon transport to the laboratory. The 80 samples were composited by the laboratory into 20 composite samples and were analyzed for the 8-RCRA metals using EPA Method 6010 and 7000 series methodology, and for TPH-G, TPH-D, and petroleum hydrocarbon constituents using EPA Method 8260 Modified. Composite samples from the waste oil tank portion of the stockpile were also analyzed for PCBs. The stockpiled soil was left at its location in the Desert Yard (see Figure 8) pending results of laboratory analysis.

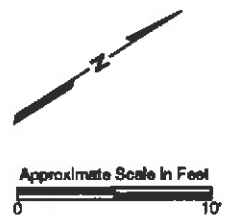
3.3 Ground Water Investigation



This section describes the field methods used to drill the soil borings, install the ground water monitoring wells, and collect the ground water samples, in accordance with IC's workplan dated April 21, 1994.



Notes:

- a. See Figure 8 for approximate location of stockpile and Excavation B.
- b. Analytical results discussed in Section 4.2.3 and summarized on Tables 12 and 13.



 Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.	
Drawn By: Patti Decker	Checked By: James G. Jensen

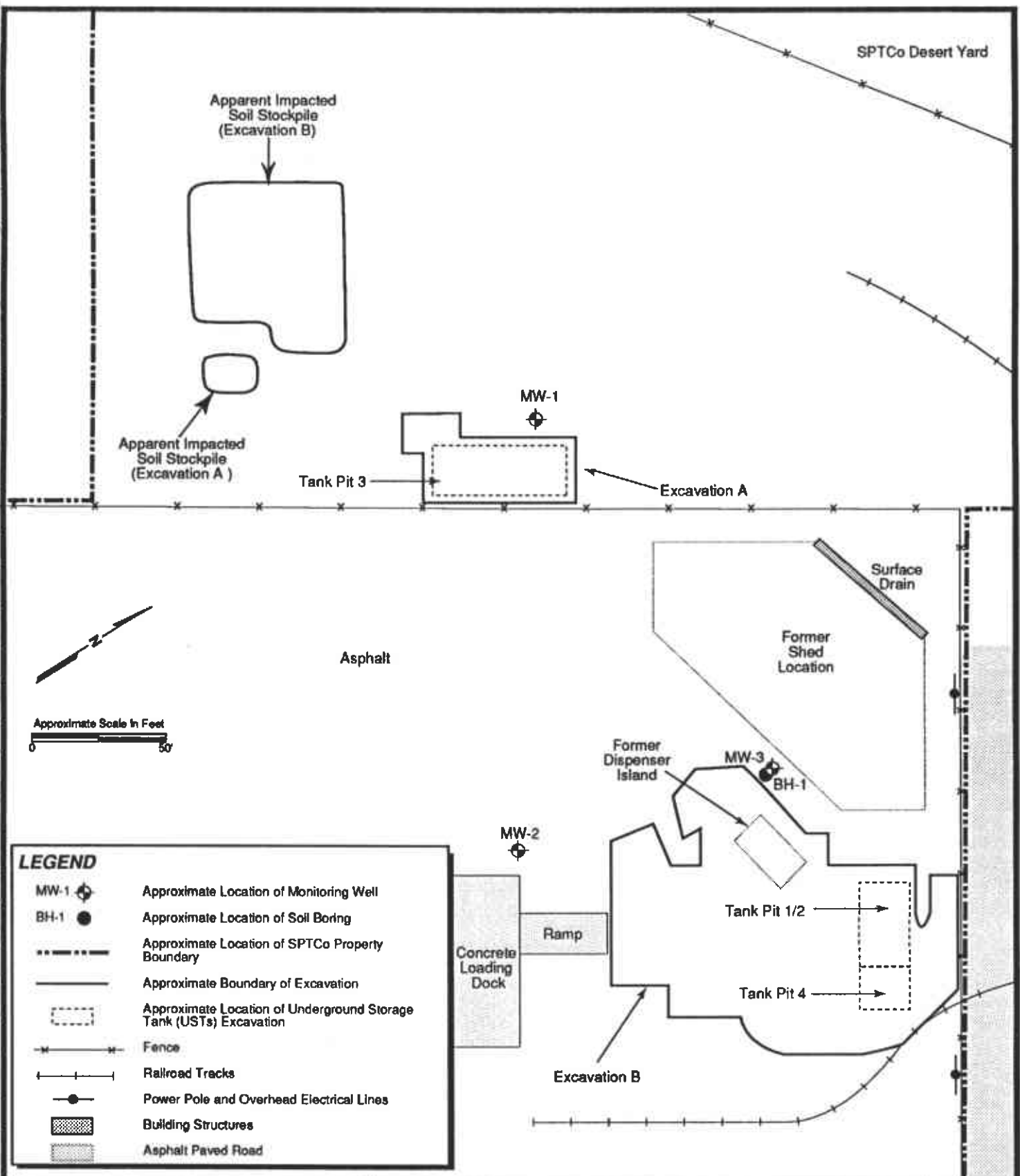
**LOCATION OF SOIL SAMPLES
 COLLECTED FROM APPARENT IMPACTED SOIL
 STOCKPILE (EXCAVATION B)
 SOUTHERN PACIFIC TRANSPORTATION COMPANY
 1399 WOOD STREET
 OAKLAND, CALIFORNIA**

Figure:	15
Page No.:	34
Scale:	as shown

3.3.1 Soil Borings

A total of 4 soil borings (MW-1, MW-2, MW-3, and BH-1) were drilled at the site by IC field personnel on June 13 and 14, 1994. Figure 16 shows the approximate location of the soil borings relative to the existing structures and UST excavations at the site. Borings MW-1, MW-2, and BH-1 were drilled to an average depth of 17 feet below the existing ground surface with a Mobile B-61, truck-mounted drilling rig utilizing 8-inch (nominal outside diameter), hollow-stem augers as the drilling method. Boring MW-3 was drilled as a twin borehole to BH-1 with 10-inch (nominal outside diameter) hollow-stem augers. It was drilled to approximately 14.5 feet bgs and was used for the immediate construction of monitoring well MW-3.

Soil samples for lithologic description were collected from borings MW-1, MW-2, and BH-1 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 beginning at approximately 1 foot bgs. The split-spoon sampler was used to collect continuous soil samples to a depth of approximately 17 feet bgs. The workplan stated that a continuous core barrel would be used to collect soil samples, but as the continuous core barrel sampler was not available, the split-spoon sampler was used. 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 every 6 inches into the soil was recorded on the soil boring logs. After the split-spoon sampler was driven into the soil approximately 24 inches at each drive interval, the split-spoon sampler was extracted and the brass liners removed. The continuous soil cores collected were logged by an IC field geologist. Soil samples were described in accordance with the American Society for Testing and Materials (ASTM) Method D2488 for the visual description of soils. Boring MW-3 was



Industrial Compliance
 A Subsidiary of SP Environmental Systems, Inc.

Project No.: 05100535 Date: 08/15/94

Drawn By: Patti Decker Checked By: James G. Jensen

**LOCATION OF SOIL BORING AND MONITORING WELLS
 SOUTHERN PACIFIC TRANSPORTATION COMPANY
 1399 WOOD STREET
 OAKLAND, CALIFORNIA**

Figure:	16
Page:	36
Scale:	as shown

not continuously cored since it was drilled 3 feet away from BH-1 as a twin boring. No soil samples were collected for laboratory analysis. Soil boring logs are included in Appendix A.

The soil samples were screened with a PID, which measures ionized volatile organic vapors and gives a direct readout in ppmv in air. The samples for PID screening were taken, in general, at 2-foot intervals beginning at 2 feet bgs and were then placed in resealable plastic bags and allowed to sit in direct sunlight for approximately 15 minutes after which the probe of the PID was quickly inserted and a reading taken.

An average of 7 headspace samples from borings MW-1, MW-2, and BH-1 were measured. PID readings were <0.01 ppm for all soil headspace samples collected from borings MW-1 and MW-2. Soil samples from boring BH-1 had a maximum PID reading of 6 ppm at 4 feet bgs and <0.01 ppm for all samples below 7 feet bgs. No headspace samples were collected from boring MW-3, which was a twin boring to BH-1.

After borings MW-1, MW-2, and MW-3 had been drilled, these borings were converted into monitoring wells MW-1, MW-2, and MW-3 as described in Section 3.3.2 below.

After drilling and sampling was completed at boring BH-1, 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 boring until the borehole was full 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 split-spoon sampling

equipment was 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 waste. The drums were labeled and a drum inventory was compiled containing the date generated, contents of the drum, and the borings from which the contents were derived. The drums were left onsite for temporary storage. The drum inventory list is included as Appendix B. Disposition of the drummed soil residuals is discussed in Section 6.4 of this document.

3.3.2 Ground Water Monitoring Well Installation

After borings MW-1 and MW-2 were drilled and logged, the 8-inch diameter augers were retracted and the boring overdrilled with 10-inch diameter hollow-stem augers for the purpose of constructing monitoring wells. The boring for monitoring well MW-3 was drilled with 10-inch diameter hollow-stem augers. (Well construction procedures were modified slightly from the procedures described in the workplan due to the shallow level of the ground water.) The top of the sand filter pack in each well was installed approximately 0.5 foot above the slotted casing. A 0.5-foot thick bentonite seal was placed above the filter pack in each well. The intent of these modifications was to provide the maximum amount of grout surface seal to protect the shallow aquifer.

The wells were constructed of 4-inch (inside diameter), Schedule 40 polyvinyl chloride (PVC) casing. Ten feet of slotted (0.020-inch machine cut) well screen was installed in each well from the bottom of the boring (at approximately 14 feet bgs) to approximately 1.5 feet above the water table (at approximately 5.5 feet bgs) as measured during the time of drilling. The remaining portion of each well was constructed of blank (non-slotted) casing. The

artificial filter pack consisted of a 1C Monterey sand. The sand was added down the hollow stem of the drilling augers (between the inner annulus of the augers and the PVC casing) until there was approximately 4 feet of sand within the augers. At this time, the augers were extracted at 1- to 2-foot intervals which allowed the sand to flow out of the augers, between the PVC well screen and the boring wall. This process continued until a sand pack had been emplaced approximately 0.5 feet above the slotted casing.

An approximate 0.5-foot thick bentonite seal, consisting of 3/8-inch bentonite pellets, was placed above the filter pack and hydrated with approximately 1 gallon of potable water. The remaining annular space was filled with a cement/bentonite grout consisting of approximately 2 pounds of powdered bentonite, 6.5 to 7 gallons of water obtained from the site, and 94 pounds (1 bag) of portland cement. The bentonite was added to the water and allowed to hydrate by homogenizing the mixture through a cement mixer. The cement was then added to the bentonite/water mixture and mixed thoroughly.

The cement/bentonite mixture was emplaced between the inner annulus of the augers and the PVC casing. The augers were filled to capacity with the cement/bentonite grout and then extracted at 1- to 2-foot intervals, following which additional grout was added to fill the annulus until the grout was at the original ground surface. The well was finished with a water-tight, locking well cap housed within a flush-mounted traffic box. The traffic box was installed at grade. Well construction logs showing monitoring well construction details are included in Appendix A.

After completion of the monitoring wells, the wells were surveyed by a licensed surveyor. The top of the well casing was marked on each well and the surveyor assessed the elevation of the top of each well casing in relation to mean sea level (MSL) and also measured the horizontal distances between all monitoring wells.

The residuals generated from the overdrilling and well installation were stored in 55-gallon DOT-approved drums, appropriate for the storage and transportation of hazardous wastes. The drums were labeled and a drum inventory was compiled containing the date generated, contents of the drum, and boring from which the contents originated for each drum. The drums were placed near the building onsite for temporary storage. The drum inventory list is included as Appendix B. Disposition of these soil residuals is discussed in Section 6.4 of this document.

3.3.3 Ground Water Monitoring Well Development and Sampling

The wells were developed on June 23, 1994, after well installation was completed and the well seals had set for a minimum of 24 hours. Prior to well development, the depth to ground water was measured in each monitoring well (relative to a surveyed reference point of known elevation at the top of each well casing) using a water level indicator with an accuracy to 0.01 feet. After measurement of the ground water level in each well, the saturated well volume was calculated by subtracting the depth to ground water from the total depth of the well and multiplying the resultant number by the number of gallons per foot of casing. Development initially was performed by using a bailer to remove coarse sediments that had entered the well, after which a 4-inch surge block was inserted into the casing. Surging was performed by raising and lowering the surge block across the saturated portion of the screen approximately 20 times. The surge block was then removed and the bailer used to remove coarse sediments. After surging, a bailer was used to remove a minimum of 10 times the saturated well volume in each well, except for MW-2 which dewatered after 8 saturated well volumes were removed. Ground water characterization data, consisting of electrical conductivity, temperature, and pH measurements were measured at least 8 times during well development. The ground water was assumed to be representative of the formation when 3 consecutive readings of the parameters indicated:



- * < 10 percent change in electrical conductivity,
- * < 10 percent change in temperature, and
- * < 10 percent unit change in Ph.

Well development field data sheets are included in Appendix C.

Ground water level measurements and samples were collected on June 29, 1994. Prior to purging, the depth to ground water and the total depth of the well was measured (using a water level indicator with an accuracy to 0.01 feet) relative to a surveyed reference point of known elevation at the top of each well casing in each monitoring well. After measurement of the ground water level in each well, the saturated well volume was calculated by subtracting the depth to ground water from the total depth of the well and multiplying the resultant number by the number of gallons per foot of casing. Monitoring well ground water elevation data are summarized in Table 5.

Prior to sample collection, each well was purged to ensure that the water sample obtained from the well was representative of the formation water. Each well was purged by hand-bailing until the total quantity of water removed was a minimum of 3 times the saturated volume in the well. Purging equipment was cleaned with Alconox and rinsed with deionized (DI) water prior to each use. Ground water characterization data, consisting of electrical conductivity, temperature, and pH measurements, were recorded at least 4 times during purging. The ground water in each well was assumed to be representative of the formation when 3 well volumes had been removed and 3 consecutive parameter readings were within 10 percent of the previous reading. Monitoring well ground water purge characterization parameters are summarized in Table 6. Monitoring well purge characterization and sample log field data sheets are included in Appendix C.



TABLE 5
MONITORING WELL GROUND WATER ELEVATION DATA

Monitoring Well ^a	Date Measured ^b	Time Measured	Reference Casing Elevation ^b (feet above MSL)	Depth to Ground Water ^c (feet bgs)	Ground Water Elevation ^d (feet above MSL)
MW-1	06/29/94	0900	7.74	3.36	4.38
MW-2	06/29/94	0900	7.00	3.94	3.06
MW-3	06/29/94	0900	7.34	3.50	3.84

a See Figure 16 for approximate monitoring well locations.

b Reference casing elevation is a surveyed point marked on top of the well casing.

c Depth to ground water measured from reference casing elevation to the top of water.

d Ground water elevation in feet above MSL. Ground water elevation calculated by subtracting the depth to ground water from the reference casing elevation.

MSL Mean sea level

bgs Below ground surface



**TABLE 6
GROUND WATER PURGE CHARACTERIZATION DATA**

Monitoring Well ^a	Date Measured	Purge Volume (gallons)	Electrical Conductivity (μ mhos)	Temperature ($^{\circ}$ F)	Field pH (units)
MW-1	06/29/94	1	810	70.2	7.27
		7	696	68.6	6.38
		14	682	66.5	6.22
		20	680	67.1	6.09
MW-2	06/29/94	1	1303	76.3	7.09
		7	1259	75.2	6.89
		14	1302	76.6	6.96
		20	1286	75.8	6.93
MW-3	06/29/94	1	1360	68.6	7.09
		7	1326	68.1	6.98
		14	1361	68.5	7.03
		20	1422	69.4	7.05

a See Figure 16 for approximate monitoring well locations.

μ mhos Micromhos

$^{\circ}$ F Degrees Farenheit

Note: Purge characterization data sheets included as Appendix E.



After purging and before sample collection, each monitoring well was allowed to recharge to at least 90 percent of its pre-purge water level. Ground water samples were then collected using new, disposable polyethylene bailers. The water sample from the bailer was transferred to laboratory-supplied containers of appropriate volumes and required preservatives for the intended analyses. TPH-G, TPH-D and volatile organic analysis (VOA) sample containers consisted of 40-milliliter glass vials preserved with hydrochloric acid. PCBs sample containers consisted of a 1-liter amber glass bottle. Salinity and total dissolved solids (TDS) sample containers consisted of a 1-liter amber glass bottle. TPH-D and VOA sample containers were filled to capacity, sealed with Teflon-lined lids, and checked for air bubbles. If air bubbles were detected, the vial was re-opened, additional sample water added, and the vial resealed.

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. A chain-of-custody document was completed concurrently with sample collection and accompanied the samples upon transport to the laboratory. Chain-of-custody documents are included in Appendix D.

Development and purge water from all monitoring wells was collected in 55-gallon DOT-approved drums appropriate for the storage and transportation of hazardous wastes. The drums were labeled and a drum inventory was compiled containing the date generated, contents of the drum, and monitoring well from which the contents originated. The drums were placed near the building onsite for temporary storage. The drum inventory list is included as Appendix B. Disposition of the development and purge water is discussed in Section 6.4 of this document.



3.3.4 Quality Assurance/Quality Control

As part of the Quality Assurance/Quality Control (QA/QC) procedures, the following were collected during sampling activities and submitted to the laboratory for analysis in addition to the ground water samples.

- * One duplicate sample was collected from monitoring well MW-1 using the standard procedures previously described in Section 3.3. The duplicate was submitted to the laboratory for analysis for TPH-G, TPH-D, BTEX, 1,2-DCA, EDB, and PCBs only.
- * One field blank was prepared in the field by pouring DI water through clean well sampling equipment into the sample containers. The field blank was submitted to the laboratory for analysis for TPH-G, TPH-D, BTEX, 1,2-DCA, and EDB only.
- * One trip blank consisting of DI water was prepared in the laboratory, transported to the sampling location (in the ice chest to be used for the transport of all samples), and accompanied the ground water samples during shipment. The trip blank was submitted to the laboratory for analysis for TPH-D, BTEX, 1,2-DCA, and EDB only.

3.4 Laboratory Analyses

A total of 27 excavation confirmation soil samples, 100 stockpile soil samples, 3 monitoring well ground water samples (1 sample each from monitoring well MW-1, MW-2, and MW-3), and 3 QA/QC ground water samples (1 duplicate, 1 field blank, and 1 trip blank) were



delivered to the analytical laboratory. The 100 stockpile soil samples were composited into 26 samples by the laboratory. The samples were submitted for analysis as follows:

<u>Sample Location</u>	<u>Matrix</u>	<u>Constituent</u>	<u>Analytical Method</u>
Excavation Confirmation Samples (Excavation A - former diesel UST)	Soil	TPH-D, BTEX, 1,2-DCA, EDB	EPA Method 8260 Modified
Excavation Confirmation Samples (Excavation B - former gas/diesel UST and dispenser location)	Soil	TPH-G, TPH-D, BTEX, 1,2-DCA, EDB	EPA Method 8260 Modified
Excavation Confirmation Samples (Excavation B - former waste oil UST)	Soil	TPH-G, TPH-D, BTEX, 1,2-DCA, EDB PCBs	EPA Method 8260 Modified EPA Method 8080
Apparent Nonimpacted Stockpile (Excavation A - former diesel UST)	Soil	TPH-D, BTEX, 1,2-DCA, EDB	EPA method 8260 Modified
Apparent Impacted Stockpile (Excavation A - former diesel UST)	Soil	TPH-D, Volatile organic compounds (VOCs) 8-RCRA Metals	EPA Method 8240 (with fuel fingerprint) EPA 6010/7000 Series Methodology
Apparent Nonimpacted Stockpile (Excavation B - former gas/diesel UST and dispenser island)	Soil	TPH-G, TPH-D, BTEX, 1,2-DCA, EDB	EPA Method 8260 Modified
Apparent Impacted Stockpile (Excavation B - former gas/diesel UST and dispenser island)	Soil	TPH-G, TPH-D, VOCs 8-RCRA Metals	EPA Method 8240 (with fuel fingerprint) EPA 6010/7000 Series Methodology
Apparent Impacted Stockpile (Excavation B - former waste oil UST)	Soil	TPH-G, TPH-D, VOCs PCBs 8-RCRA Metals	EPA Method 8240 (with fuel fingerprint) EPA Method 8080 EPA 6010/7000 Series Methodology
Monitoring Well Samples	Water	TPH-G, TPH-D, BTEX, 1,2-DCA, EDB PCBs Sodium chloride Total dissolved solids (TDS)	EPA Method 8260 Modified EPA Method 8080 Calculation EPA Method 160.1
QA/QC Samples	Water	TPH-G, TPH-D, BTEX, 1,2-DCA, EDB PCBs	EPA Method 8260 Modified EPA Method 8080



Chain-of-custody documents are included as Appendix D. Laboratory analytical results for soil samples are included as Appendix E. Laboratory analytical results for ground water and QA/QC samples are included as Appendix F.



4.0 SOIL REMEDIATION RESULTS

This section presents the laboratory analytical results of the soil remediation.

4.1 Soil Remediation Analytical Results — Excavation A

The results of laboratory analyses of soil samples collected from the Excavation A to confirm that all impacted soil has been removed are summarized in Table 7. The results of laboratory analyses of the composite soil samples collected from the apparent nonimpacted and the apparent impacted stockpiles are summarized in Table 8 and 9, respectively.

Laboratory analytical reports are included in Appendix E.

4.1.1 Excavation Confirmation Sample Results

The results of the analyses performed on the 7 confirmation soil samples collected from Excavation A identified maximum concentrations of TPH-D of 2 ppm. No other petroleum hydrocarbon constituents were identified at concentrations at or above the method PQLs.

clear

4.1.2 Apparent Nonimpacted Soil Stockpile Sample Results

The results of the analyses performed on the apparent nonimpacted soil stockpile composited samples indicate:

- * TPH-G, TPH-D, and petroleum hydrocarbon constituents were not identified at concentrations at or above the method PQL in any composite soil sample.



TABLE 7
ANALYTICAL RESULTS
CONFIRMATION SAMPLES (EXCAVATION A)

Sample Number ^a	Date Collected	Sample Depth ^b (feet bgs)	Total Petroleum Hydrocarbons ^c (mg/kg)		Volatile Organic Compounds ^c (mg/kg)						
			Gasoline	Diesel	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-Dichloroethane	Ethylene Dibromide	
A (E-1)	05/31/94	3	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
A (E-2)	05/31/94	3	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
A (N-1)	05/31/94	3	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
A (W-1)	05/31/94	3	<1	2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
A (W-2)	05/31/94	3	<1	2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
A (S-1)	05/31/94	3	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
A (S-2)	05/31/94	3	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

a See Figure 9 for approximate sample location.

b Sample depth measured in feet below ground surface (bgs).

c Analyzed by EPA Method 8260 Modified.

mg/kg Milligrams per kilogram.

< Indicates the constituent was not detected at a concentration at or above the method practical quantitation limit (PQL) as listed.



TABLE 8
ANALYTICAL RESULTS
COMPOSITE SOIL SAMPLES
APPARENT NONIMPACTED SOIL STOCKPILE (EXCAVATION A)

Sample ID ^a	Date Collected	Total Petroleum Hydrocarbons ^b (mg/kg)		Volatile Organic Compounds ^b (mg/kg)					
		Gasoline	Diesel	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	Ethylene Dibromide
A (A-1, -2, -3)	05/31/94	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
A (B-1, -2, -3)	05/31/94	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

a Samples were collected from the stockpile and composited in the laboratory. See Figure 10 for approximate sample location.

b Analyzed by EPA Method 8260 Modified.

mg/kg Milligrams per kilogram

1,2-DCA 1,2-dichloroethane

< Indicates the constituent was not detected at a concentration at or above the method practical quantitation limit as noted.



TABLE 9
ANALYTICAL RESULTS
COMPOSITE SOIL SAMPLES
APPARENT IMPACTED SOIL STOCKPILE (EXCAVATION A)

Sample ID ^a	Date Collected	Total Petroleum Hydrocarbons ^b (mg/kg)	Volatile Organic Compounds ^b (mg/kg)				RCRA Metals ^c (mg/kg)							
			Benzene	Toluene	Ethylbenzene	Xylenes	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
A (C-1, -2, -3, -4)	06/08/94	<1	<0.005	<0.005	<0.005	<0.005	5	280	1.6	30	360	0.20	<0.5	1.0
A (D-1, -2, -3, -4)	06/08/94	6,400 ^d	<0.06	<0.06	<0.06	2.1	4.3	210	<0.5	8.1	160	0.11	<0.5	0.8

1 5 5

- a Samples were collected from the stockpile and composited in the laboratory. See Figure 11 for approximate sample location.
 - b Analyzed by EPA Method 8240 (with fuel fingerprint).
 - c RCRA Metals analyzed by EPA 6010 and 7000 Series methodology.
 - d Hydrocarbon pattern was quantitated using diesel and elutes in the range between C-7 and C-15. Tentatively identified as weathered gasoline.
- mg/kg Milligrams per kilogram
- < Indicates the constituent was not detected at a concentration at or above the method practical quantitation limit as noted.



4.1.3 Apparent Impacted Soil Stockpile Sample Results

The results of the analyses performed on the apparent impacted soil stockpile composited samples indicate:

- * TPH concentrations of 6,400 ppm were identified in 1 of the 2 composite samples. ✓
- * Xylenes, with a concentration of 2.1 ppm, were the only VOC constituent identified in either composite sample.
- * Arsenic, barium, chromium, lead, mercury, and silver were identified in both composite soil samples. Arsenic concentrations were 4.3 and 5 ppm (average equals 4.7 ppm); barium concentrations were 210 and 280 ppm (average equals 245 ppm); chromium concentrations were 8.1 and 30 ppm (average equals 19.1 ppm); lead concentrations were 160 and 360 ppm (average equals 260 ppm); mercury concentrations were 0.11 and 0.2 ppm (average equals 0.16 ppm); and silver concentrations were 0.8 and 1.0 ppm (average equals 0.9 ppm).
- * Cadmium was identified in 1 of the 2 composite soil samples, at a concentration of 1.6 ppm.
- * Selenium was not identified at concentrations at or above the method PQL in either composite soil sample.

4.2 Soil Remediation Analytical Results — Excavation B

The results of laboratory analyses of soil samples collected from Excavation B to confirm that all impacted soil has been removed are summarized in Table 10. The results of laboratory analyses of the composite soil samples collected from the apparent nonimpacted and the apparent impacted stockpiles are summarized in Table 11, 12, and 13, respectively. Laboratory analytical results are included in Appendix E.

4.2.1 Excavation Confirmation Sample Results

A total of 20 confirmation soil samples were collected from Excavation B. The results of the analyses performed on the excavation confirmation samples indicate:

- * TPH-D, 1,2-DCA, EDB, and PCBs were not identified at concentrations at or above the method PQL.
- * TPH-G was identified in 6 of the 20 confirmation samples at concentrations ranging from 4 to 13,000 ppm. *ouch!*
- * Benzene was identified in 8 of the 20 confirmation samples at concentrations ranging from 0.011 to 3.4 ppm. *OK*
- * Toluene was identified in 3 of the 20 confirmation samples at concentrations ranging from 0.006 to 8.8 ppm.
- * Ethylbenzene was identified in 5 of the 20 confirmation samples at concentrations ranging from 0.4 to 51 ppm.

4.6 cleanup level



TABLE 10
ANALYTICAL RESULTS
CONFIRMATION SAMPLES (EXCAVATION B)

Sample Number ^a	Date Collected	Sample Depth ^b (feet bgs)	Total Petroleum Hydrocarbons ^c (mg/kg)		Volatile Organic Compounds ^c (mg/kg)						PCBs ^d	
			Gasoline	Diesel	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-Dichloroethane	Ethylene Dibromide		
B (W-1)	06/01/94	3.5	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
B (W-2)	06/02/94	4.0	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
B (W-3)	06/02/94	4.5	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
B (W-4)	06/02/94	3.5	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
B (S-1)	06/02/94	4.0	<1	<1	<0.005	<0.005	<0.005	0.009	<0.005	<0.005	<0.005	NA
B (S-2)	06/03/94	4.0	<1	<1	0.074	0.009	<0.005	0.034	<0.005	<0.005	<0.005	NA
B (S-3)	06/03/94	4.0	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
B (S-4)	06/03/94	4.0	4	<1	0.067	0.006	<0.005	0.019	<0.005	<0.005	<0.005	NA
B (S-5)	06/03/94	4.0	550	<50	0.5	<0.3	2.0	0.6	<0.3	<0.3	<0.3	NA
B (S-6)	06/03/94	4.0	40	<20	0.1	<0.1	0.4	1.0	<0.1	<0.1	<0.1	NA
B (S-7)	06/06/94	3.5	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
B (E-1)	06/03/94	4.0	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
B (E-2)	06/03/94	3.5	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
B (E-3)	06/03/94	3.5	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05
B (E-4)	06/03/94	3.5	<1	<1	0.011	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05
B (N-1)	06/01/94	3.5	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
B (N-2)	06/03/94	3.5	1,800	<50	0.4	<0.3	0.9	5.2	<0.3	<0.3	<0.3	<0.05
B (N-3)	06/03/94	3.5	3,600	<50	3.4	8.8	13	100	<0.3	<0.3	<0.3	<0.1
B (N-4)	06/06/94	3.5	<1	<1	0.015	<0.005	<0.005	0.1	<0.005	<0.005	<0.005	<0.05
B (N-5)	06/06/94	3.5	13,000	<200	<1	<1	51	3	<1	<1	<1	<0.05

100 was TPH
cleanup level

4.6
benz

54



TABLE 10 (continued)
ANALYTICAL RESULTS
CONFIRMATION SAMPLES (EXCAVATION B)

- a See Figure 13 for approximate sample location.
- b Sample depth measured in feet below ground surface (bgs).
- c Analyzed by EPA Method 8260 Modified.
- d Analyzed by EPA Method 8080.
- mg/kg Milligrams per kilogram
- NA Not analyzed.
- < Indicates the constituent was not detected at a concentration at or above the method practical quantitation limit as listed.



TABLE 11
ANALYTICAL RESULTS
COMPOSITE SOIL SAMPLES
APPARENT NONIMPACTED SOIL STOCKPILE (EXCAVATION B)

Sample ID ^a	Date Collected	Total Petroleum Hydrocarbons ^b (mg/kg)		Volatile Organic Compounds ^b (mg/kg)					
		Gasoline	Diesel	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	Ethylene Dibromide
B (A-1, -2, -3)	06/01/94	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B (B-1, -2, -3)	06/01/94	9	<1	0.007	0.024	0.049	0.32	<0.005	<0.005

a Samples were collected from the stockpile and composited in the laboratory. See Figure 14 for approximate sample location.

b Analyzed by EPA Method 8260 Modified.

mg/kg Milligrams per kilogram

1,2-DCA 1,2-dichloroethane

< Indicates the constituent not detected at a concentration at or above the method practical quantitation limit as noted.

ok to reuse



TABLE 12
ANALYTICAL RESULTS FOR COMPOSITE SOIL SAMPLES
TPH, VOC, AND PCB CONCENTRATIONS
APPARENT IMPACTED SOIL STOCKPILE (EXCAVATION B)

Sample ID ^a	Date Collected	Total Petroleum Hydrocarbons ^{b,c} (mg/kg)	Volatile Organic Compounds ^b (mg/kg)							PCBs ^d	
			Benzene	Toluene	Ethylbenzene	Xylenes	Chloroform	Cis-1,2-DCE	PCE		TCE
B (C-1, -2, -3, -4)	06/08/94	120	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	NA
B (D-1, -2, -3, -4)	06/08/94	680	<0.005	<0.005	<0.005	0.015	<0.01	<0.005	0.01	<0.005	NA
B (E-1, -2, -3, -4)	06/08/94	29	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	0.029	0.007	NA
B (F-1, -2, -3, -4)	06/08/94	700	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	NA
B (G-1, -2, -3, -4)	06/08/94	2,900	<0.005	0.084	0.019	4.9	<0.01	<0.005	0.11	<0.005	NA
B (H-1, -2, -3, -4)	06/08/94	2,200	0.058	0.083	0.035	0.19	0.013	0.28	2.6	0.15	NA
B (I-1, -2, -3, -4)	06/08/94	53	<0.06	0.46	0.86	3.5	<0.1	0.94	100	1.2	NA
B (J-1, -2, -3, -4)	06/08/94	310	<0.005	0.032	0.07	0.32	<0.01	<0.005	0.43	<0.005	NA
B (K-1, -2, -3, -4)	06/08/94	540	0.088	0.16	0.038	0.56	<0.01	0.44	130	1.1	NA
B (L-1, -2, -3, -4)	06/08/94	13,000	0.52	5.5	6.2	76	<0.1	0.84	17	0.58	NA
B (M-1, -2, -3, -4)	06/08/94	<100	<0.6	15	11	74	<1.0	4.8	2,100	<0.6	NA
B (N-1, -2, -3, -4)	06/08/94	7,900	<0.06	<0.06	0.98	4.9	<0.1	<0.06	0.27	<0.06	NA
B (O-1, -2, -3, -4)	06/08/94	8,100	<0.1	<0.1	<0.1	17	<0.3	<0.1	<0.1	<0.1	NA
B (P-1, -2, -3, -4)	06/08/94	290	<0.005	<0.005	<0.005	0.017	<0.01	<0.005	<0.005	<0.005	NA
B (Q-1, -2, -3, -4)	06/08/94	70	<0.005	<0.005	<0.005	0.037	<0.01	<0.005	0.015	<0.005	NA
B (R-1, -2, -3, -4)	06/08/94	2,100	<0.03	0.037	0.36	3.2	<0.05	<0.03	<0.03	<0.03	NA
C (A-1, -2, -3, -4) ^e	06/08/94	600	<0.01	<0.01	<0.01	0.1	<0.02	<0.01	<0.01	<0.01	<0.02

TPH cleanup level = 100

TABLE 12 (continued)
ANALYTICAL RESULTS FOR COMPOSITE SOIL SAMPLES
TPH, VOC, AND PCB CONCENTRATIONS
APPARENT IMPACTED SOIL STOCKPILE (EXCAVATION B)

Sample ID ^a	Date Collected	Total Petroleum Hydrocarbons ^{b,c} (mg/kg)	Volatile Organic Compounds ^b (mg/kg)								PCBs ^d
			Benzene	Toluene	Ethylbenzene	Xylenes	Chloroform	Cis-1,2-DCE	PCE	TCE	
C (B-1, -2, -3, -4) ^e	06/08/94	340	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.02
C (C-1, -2, -3, -4) ^e	06/08/94	1,000 ^f	<0.005	<0.005	0.01	0.071	<0.01	<0.005	<0.005	<0.005	<0.02
C (D-1, -2, -3, -4) ^e	06/08/94	500	<0.01	<0.01	<0.01	0.17	<0.02	<0.01	<0.01	<0.01	<0.02

a Samples were collected from the stockpile and composited in the laboratory. See Figure 15 for approximate sample location.

b Analyzed by EPA Method 8240 (with fuel fingerprint). Only the constituents identified in samples collected from the site are included in this table. Chemical constituents not listed in this table, but included in the EPA Method 8240 analysis, were not identified at or above the method practical quantitation limits in any sample collected from the site.

c Hydrocarbon pattern was quantitated using diesel and elutes in the range between C-7 and C-16. Tentatively identified by the laboratory as weathered gasoline.

d Analyzed by EPA Method 8080.

e Samples collected from the portion of the stockpile containing soil removed from the area of Tank 4 (waste oil tank).

f Hydrocarbon pattern identified as gasoline.

mg/kg Milligrams per kilogram

Cis-1,2-DCE Cis-1,2-dichloroethene

PCE Tetrachloroethene

TCE Trichloroethene

PCBs Polychlorinated biphenyls

< Indicates the constituent was not detected at a concentration at or above the method practical quantitation limit as noted.

NA Not analyzed.

TABLE 13
ANALYTICAL RESULTS FOR COMPOSITE SOIL SAMPLES
METAL CONCENTRATIONS
APPARENT IMPACTED SOIL STOCKPILE (EXCAVATION B)

Sample ID ^a	Date Collected	RCRA Metals ^b (mg/kg)							
		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
B (C-1, -2, -3, -4)	06/08/94	1.5	98	<0.5	16	41	0.074	<0.5	0.8
B (D-1, -2, -3, -4)	06/08/94	2.4	210	<0.5	17	94	0.063	<0.5	1.2
B (E-1, -2, -3, -4)	06/08/94	1.9	160	<0.5	17	130	0.06	<0.5	0.8
B (F-1, -2, -3, -4)	06/08/94	1.7	86	<0.5	20	59	0.074	<0.5	0.5
B (G-1, -2, -3, -4)	06/08/94	1.2	84	<0.5	17	42	0.053	<0.5	0.6
B (H-1, -2, -3, -4)	06/08/94	3	180	<0.5	15	98	0.059	<0.5	0.9
B (I-1, -2, -3, -4)	06/08/94	2.6	220	<0.5	21	150	0.11	<0.5	0.8
B (J-1, -2, -3, -4)	06/08/94	2.4	330	<0.5	18	150	0.13	<0.5	0.7
B (K-1, -2, -3, -4)	06/08/94	2.1	100	<0.5	16	87	0.05	<0.5	4.5
B (L-1, -2, -3, -4)	06/08/94	2.0	240	<0.5	20	71	0.074	<0.5	0.9
B (M-1, -2, -3, -4)	06/08/94	1.7	230	<0.5	18	80	0.074	<0.5	0.8
B (N-1, -2, -3, -4)	06/08/94	2.5	260	<0.5	19	140	0.076	<0.5	0.8
B (O-1, -2, -3, -4)	06/08/94	3.2	150	<0.5	17	170	0.05	<0.5	1.1
B (P-1, -2, -3, -4)	06/08/94	1.2	51	<0.5	15	32	0.042	<0.5	1.0
B (Q-1, -2, -3, -4)	06/08/94	1.2	74	<0.5	17	36	0.043	<0.5	0.8
B (R-1, -2, -3, -4)	06/08/94	1.5	85	<0.5	16	58	0.025	<0.5	0.8

1 5



TABLE 13 (continued)
 ANALYTICAL RESULTS FOR COMPOSITE SOIL SAMPLES
 METAL CONCENTRATIONS
 APPARENT IMPACTED SOIL STOCKPILE (EXCAVATION B)

Sample ID ^a	Date Collected	RCRA Metals ^b (mg/kg)							
		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
C (A-1, -2, -3, -4) ^c	06/08/94	1.6	130	<0.5	26	56	0.048	<0.5	0.5
C (B-1, -2, -3, -4) ^c	06/08/94	1.9	92	<0.5	22	61	0.073	<0.5	0.6
C (C-1, -2, -3, -4) ^c	06/08/94	2.5	160	<0.5	20	130	0.064	<0.5	0.7
C (D-1, -2, -3, -4) ^c	06/08/94	4.1	110	<0.5	23	71	0.082	<0.5	0.6

a Samples were collected from the stockpile and composited in the laboratory. See Figure 15 for approximate sample location.

b RCRA Metals analyzed by EPA 6010 and 7000 Series methodology.

c Samples collected from the portion of the stockpile containing soil removed from the area of Tank 4 (waste oil tank).

mg/kg Milligrams per kilogram

< Indicates the constituent was not detected at a concentration at or above the method practical quantitation limit as noted.

- * Xylenes were identified in 9 of the 20 confirmation samples at concentrations ranging from 0.009 to 100 ppm.

4.2.2 Apparent Nonimpacted Soil Stockpile Sample Results

The results of the analyses performed on the apparent nonimpacted soil stockpile composited samples indicate:

- * TPH-D, 1,2-DCA, and EDB were not identified at concentrations at or above the method PQL in any composite soil samples.
- * TPH-G was identified in 1 of the 2 composite samples at a concentration of 9 ppm.
- * Benzene, toluene, ethylbenzene, and xylenes were identified in 1 of the 2 composite samples at concentrations of 0.007 ppm, 0.024 ppm, 0.049 ppm, and 0.32 ppm, respectively.

ok to reuse

4.2.3 Apparent Impacted Soil Stockpile Sample Results

The results of the analyses performed on the apparent impacted soil stockpile composited samples indicate:

- * TPH was identified in 19 of the 20 composite samples at concentrations ranging from 29 to 13,000 ppm (average concentration equals 2,074 ppm).



- * Benzene was identified in 3 of the 20 composite samples at concentrations ranging from 0.058 to 0.52 ppm (average concentration equals 0.056 ppm).
- * Tetrachloroethene (PCE) was identified in 11 of the 20 composite samples at concentrations ranging from 0.01 to 2,100 ppm (average concentration equals 118 ppm).
- * Trichloroethene (TCE) was identified in 5 of the 20 composite samples at concentrations ranging from 0.007 to 1.2 ppm (average concentration equals 0.17 ppm).
- * PCBs were not identified at concentrations at or above the method PQL in any sample analyzed.
- * Arsenic, barium, chromium, lead, mercury, and silver were identified in all 20 composite samples. Arsenic concentrations ranged from 1.2 to 4.1 ppm (average equals 2.1 ppm); barium concentrations ranged from 51 to 330 ppm (average equals 153 ppm); chromium concentrations ranged from 15 to 26 ppm (average equals 19 ppm); lead concentrations ranged from 32 to 170 ppm (average equals 88 ppm); mercury concentrations ranged from 0.025 to 0.13 ppm (average equals 0.066 ppm); and silver concentrations ranged from 0.5 to 4.5 ppm (average equals 1.0 ppm).
- * Cadmium and selenium were not identified at concentrations at or above the method PQL in any composite sample.



5.0 GROUND WATER INVESTIGATION RESULTS

This section presents the results of the ground water investigation. The information acquired from logging the soil borings is presented below, in Section 5.1 - Hydrogeology. The results of the laboratory analyses for the soil boring soil samples, monitoring well ground water samples and QA/QC samples are presented in Section 5.2 - Analytical Results.

5.1 Hydrogeology

The site is located approximately 0.75 miles southeast of the San Francisco Bay in the Coast Ranges geomorphic province, at an approximate elevation of 10 feet above mean sea level (MSL). The area surrounding the site generally consists of imported fill material and Quaternary marine and non-marine terrace deposits (primarily sands, silts, and clays) which are underlain by bedrock consisting of Mesozoic sedimentary and volcanic rocks found throughout the Coast Ranges. The local soil stratigraphy encountered beneath the site generally consists of:

- * silty gravel and sandy silt from the ground surface to a depth of approximately 2.5 feet bgs;
- * silty clay and sandy clay from 2.5 feet bgs to 3.5 feet bgs;
- * silty sand, interbedded with thin beds of well graded sand, poorly graded sand, and clay from 3.5 feet bgs to 15 feet bgs; a layer of apparent fill material, consisting of wood fragments and glass and porcelain debris, is present in the western portion of Excavation B from 5 feet bgs to 6.5 feet bgs; and



* sandy clay and silty clay from 15 feet bgs to 17 feet bgs.

The maximum depth reached in any boring was 17 feet bgs. Figure 17 is a cross-section index map and Figure 18 is a geologic cross-section which illustrates the subsurface soil stratigraphy and ground water surface at the site. The silty gravel, sandy silt, silty clay, silty sand, and debris layer are interpreted to be imported material used to cover the former mud flats on the margin of the San Francisco Bay. The sand, and silty sand units, locally known as the bay sands¹, are generally gray to orange-brown, very fine to medium-grained, and are poorly to well graded. The sandy clay and silty clay units, locally known as the bay muds¹, are generally gray to orange-brown, occasionally mottled, and are firm to sticky. Soil descriptions are summarized from the boring logs included in Appendix A.

Ground water was encountered at depths ranging from approximately 3 to 4 feet bgs. The local hydraulic gradient, as measured on June 29, 1994, is approximately 0.014 feet per foot in a southeasterly direction.² Figure 19 is a ground water elevation contour map depicting the approximate direction of ground water flow for the initial ground water monitoring event. Figure 20 is a representation of ground water elevations. Ground water data are summarized in Table 5.

5.2 Analytical Results

The results of laboratory analyses of ground water samples collected from the monitoring wells and the QA/QC samples are summarized in Table 14. Figure 21 is a chemical distribution map for constituents identified in ground water samples collected as part of the

1. Schlocker, Julius, 1974, Geology of the San Francisco North Quadrangle, California: U.S. Geological Survey Professional Paper 782, p. 83-85.

2. The hydraulic gradient was calculated using a standard 3-point problem incorporating ground water data from MW-1, MW-2, and MW-3.



Apparent Impacted Soil Stockpile (Excavation B)

Apparent Impacted Soil Stockpile (Excavation A)

Tank Pit 3

Excavation A

Surface Drain

Former Shed Location

Asphalt

Former Dispenser Island

MW-3

BH-1

MW-2
Concrete Loading Dock

Ramp

Tank Pit 1/2

Tank Pit 4

Excavation B

A-8



Note:
Boring A-8 was drilled on October 23, 1992 as part of the preliminary soil investigation.

LEGEND

- A ——— A' Line of Subsurface Cross Section
- MW-1 Approximate Location of Monitoring Well
- BH-1 Approximate Location of Soil Boring
- - - - - Approximate Location of SPTCo Property Boundary
- Approximate Boundary of Excavation
- - - - - Approximate Location of Underground Storage Tank (USTs) Excavation
- x-x-x-x- Fence
- ||| ||| Railroad Tracks
- ——— Power Pole and Overhead Electrical Lines
- Building Structures
- Asphalt Paved Road



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



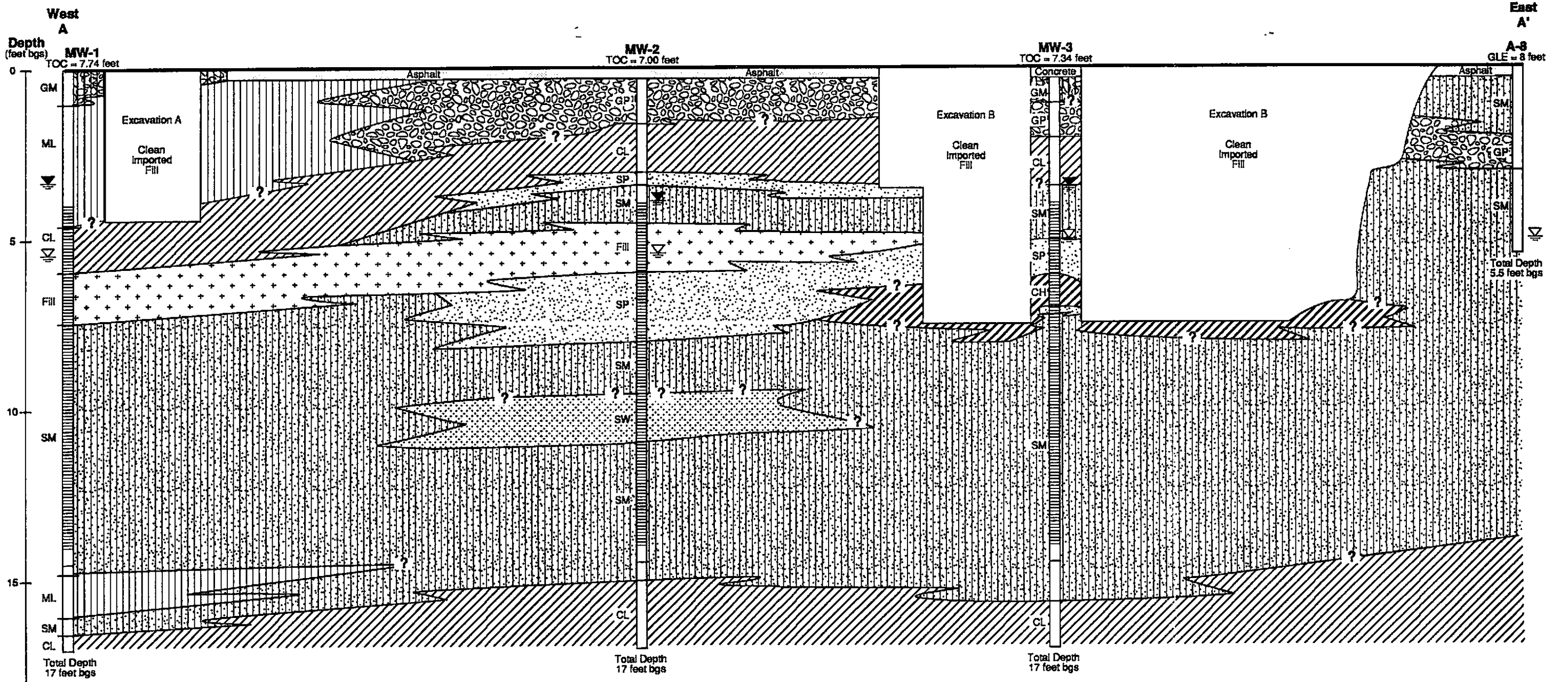
CROSS SECTION INDEX MAP
SOUTHERN PACIFIC TRANSPORTATION COMPANY
1399 WOOD STREET
OAKLAND, CALIFORNIA

Project No.: 05100535 Date: 08/15/94
Drawn By: Patll Decker Checked By: James G. Jensen

Figure: 17

Page: 65

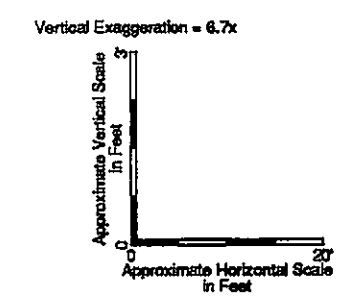
Scale: as shown



LEGEND

	Silty Gravel Zones (GM)		Clay Zones (CH)
	Poorly Graded Gravel Zones (GP)		Wood, glass, porcelain debris-laden soil
	Well Graded Sand Zones (SW)		Well Casing
	Poorly Graded Sand Zones (SP)		Well Screen
	Silty Sand and Clayey Silty Sand Zones (SM)		Ground Water Level at Time of Drilling (in feet bgs)
	Sandy Silt and Clayey Sandy Silt Zones (ML)		Static Ground Water Level (in feet bgs)
	Sandy and Silty Clay Zones (CL)		

- Notes:**
- All lithologic depths were measured from the ground surface. No attempt was made to correct depths for differences in ground surface elevation.
 - Top of casing (TOC) elevations were surveyed in relation to mean sea level.
 - See Figure 17 for approximate location of cross-section.
 - 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).
 - Static ground water levels were recorded on June 29, 1994.
 - Boring A-8 was drilled on October 23, 1992 as part of the preliminary soil investigation.
- bgs = below ground surface
 TOC = Top of casing elevation, as measured by surveyor.
 GLE = Estimated ground level elevation.



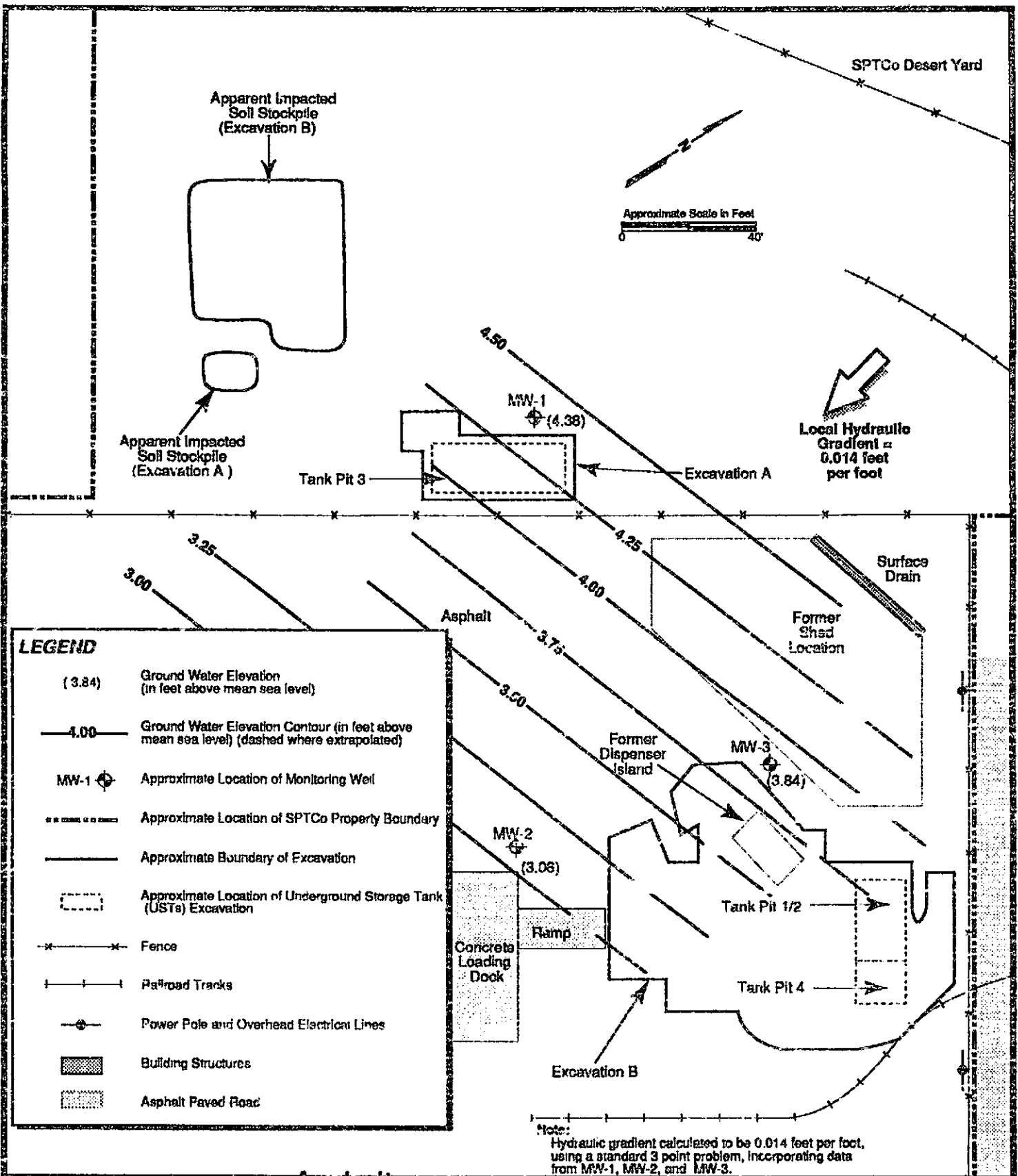
Industrial Compliance
 A Subsidiary of SP Environmental Systems, Inc.

Project No.: 05100535 Date: 08/29/94

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: 18
 Page No.: 66
 Scale: as shown



LEGEND

- (3.84) Ground Water Elevation (in feet above mean sea level)
- 4.00 — Ground Water Elevation Contour (in feet above mean sea level) (dashed where extrapolated)
- MW-1 Approximate Location of Monitoring Well
- - - - - Approximate Location of SPTCo Property Boundary
- — — — — Approximate Boundary of Excavation
- - - - - Approximate Location of Underground Storage Tank (USTs) Excavation
- x - x - x - Fence
- | - | - | - Railroad Tracks
- o - Power Pole and Overhead Electrical Lines
- Building Structures
- Asphalt Paved Road

Note:
 Hydraulic gradient calculated to be 0.014 feet per foot, using a standard 3 point problem, incorporating data from MW-1, MW-2, and MW-3.

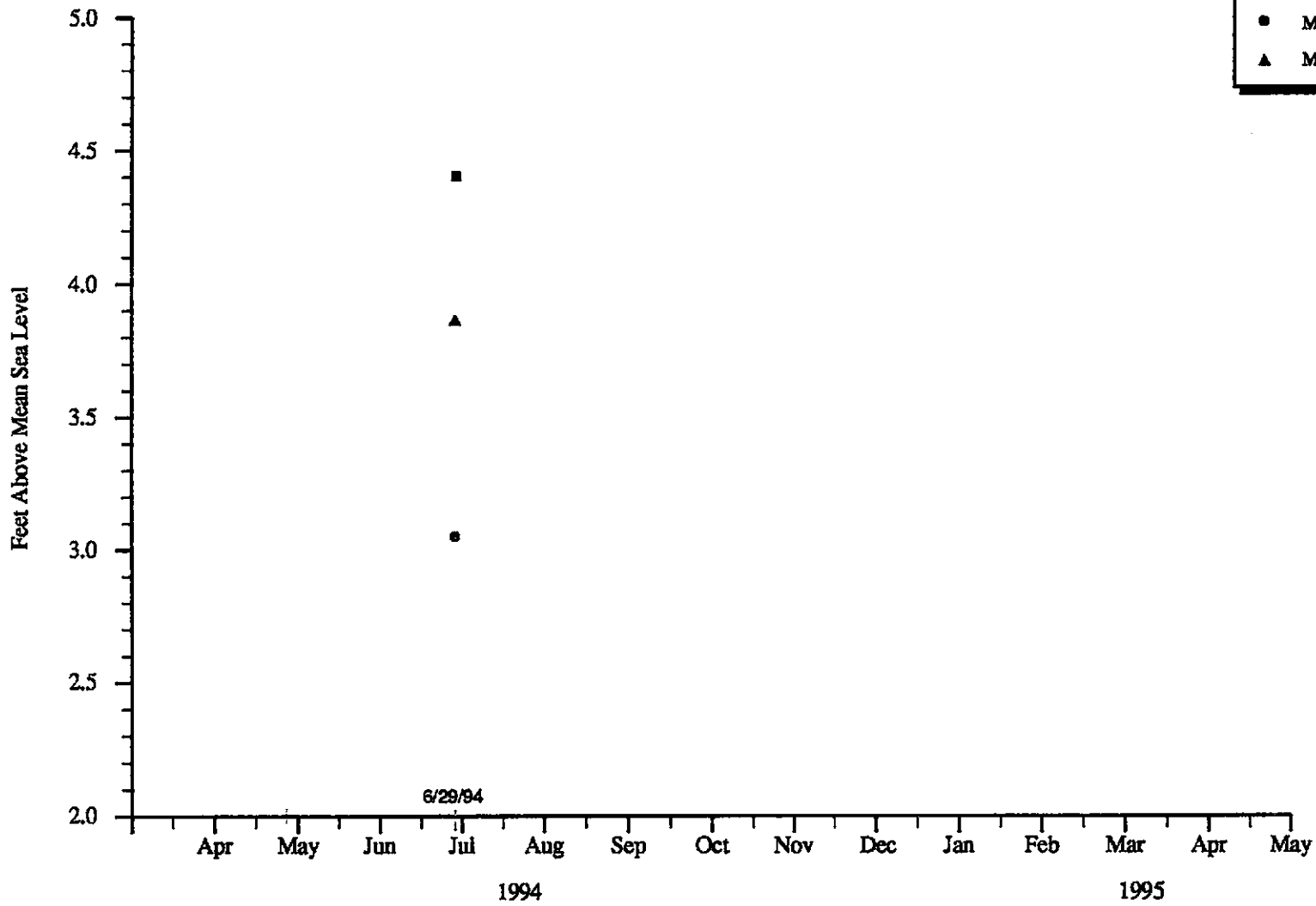
Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.	
Project No.: 05100536	Date: 08/15/94
Drawn By: Patil Decker	Checked By: James G. Jensen

CONTOUR MAP OF GROUND WATER ELEVATIONS WITH HYDRAULIC GRADIENT, JUNE, 1994
SOUTHERN PACIFIC TRANSPORTATION COMPANY
 1399 WOOD STREET
 OAKLAND, CALIFORNIA


Figure:	19
Page:	67
Scale:	as shown

LEGEND

- Monitoring Well MW-1
- Monitoring Well MW-2
- ▲ Monitoring Well MW-3



08R-RSS/STRMP-0896/F-20 5101

	Industrial Compliance <small>A Subsidiary of SP Environmental Systems, Inc.</small>	
	Project No.: 05100535	Date: 08/29/94
Drawn By: Patti Decker	Checked By: James G. Jensen	

REPRESENTATION OF GROUND WATER ELEVATIONS OVER TIME
SOUTHERN PACIFIC TRANSPORTATION COMPANY
1399 WOOD STREET
OAKLAND, CALIFORNIA

Figure:	20
Page No.:	68
Scale:	as shown

TABLE 14
ANALYTICAL RESULTS
MONITORING WELL GROUND WATER SAMPLES AND QA/QC SAMPLES

Sample Location ^a	Date Sampled	Total Petroleum Hydrocarbons ^b (µg/L)		Volatile Organic Compounds ^b (µg/L)						PCBs ^c (µg/L)	Sodium Chloride ^d (mg/L)	Total Dissolved Solids ^e (mg/L)	
		Gasoline	Diesel	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	Ethylene Dibromide				
MW-1	06/29/94	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	40	410
MW-2	06/29/94	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	48	680
MW-3	06/29/94	110	<50	<0.5	0.9	<0.5	0.8	<0.5	<0.5	<0.5	<1	60	850
Duplicate (MW-1)	06/29/94	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	NA	NA
Field Blank	06/29/94	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
Trip Blank	06/29/94	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
Cal DHS MCLs ^f		NE	NE	1	100 ^g	680	1,750	0.5	0.02	0.5 ^h	NE	500	

a See Figure 16 for approximate locations of monitoring wells.

b Analyzed by EPA Method 8260 Modified.

c Analyzed by EPA Method 8080.

d Sodium chloride concentrations determined by calculation, after analyzing for sodium and chloride separately.

e Total dissolved solids analyzed by EPA Method 160.1.

f California Department of Health Services (DHS) Maximum Contaminant Levels (MCLs) for drinking water (California RWQCB, May, 1993, Compilation of Water Quality Goals).

g California DHS action level for drinking water (California RWQCB, May, 1993, Compilation of Water Quality Goals).

h U.S. Environmental Protection Agency (USEPA) MCLs for drinking water (California RWQCB, May, 1993, Compilation of Water Quality Goals).

1,2-DCA 1,2-Dichloroethane

NA Not analyzed.

NE No MCL established.

mg/L Milligrams per liter

µg/L Micrograms per liter

< Indicates the constituent was not detected at a concentration at or above the method practical quantitation limit as listed.



Apparent Impacted Soil Stockpile (Excavation B)

Apparent Impacted Soil Stockpile (Excavation A)

Date Sampled	TPH (µg/L)		Volatile Organic Compounds (µg/L)						PCBs (µg/L)	Sodium Chloride (mg/L)	Total Dissolved Solids (mg/L)
	Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Xylenes	1,2-Dichloroethane	Ethylene Dibromide			
6/29/94	<60	<80	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	40	410

Tank Pit 3

Excavation A

MW-1

Date Sampled	TPH (µg/L)		Volatile Organic Compounds (µg/L)						PCBs (µg/L)	Sodium Chloride (mg/L)	Total Dissolved Solids (mg/L)
	Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Xylenes	1,2-Dichloroethane	Ethylene Dibromide			
6/29/94	<60	<60	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	48	880

Surface Drain

Former Shed Location

MW-3

Asphalt

Approximate Scale In Feet
0 40'

LEGEND

- MW-1 Approximate Location of Monitoring Well
- Approximate Location of SPTCo Property Boundary
- Approximate Boundary of Excavation
- Approximate Location of Underground Storage Tank (USTs) Excavation
- Fence
- Railroad Tracks
- Power Pole and Overhead Electrical Lines
- Building Structures
- Asphalt Paved Road

Concrete Loading Dock

Date Sampled	TPH (µg/L)		Volatile Organic Compounds (µg/L)						PCBs (µg/L)	Sodium Chloride (mg/L)	Total Dissolved Solids (mg/L)
	Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Xylenes	1,2-Dichloroethane	Ethylene Dibromide			
6/29/94	110	<80	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	60	880

Tank Pit 4

NOTES:

1. Total petroleum hydrocarbons (TPH) and volatile organic compounds analyzed by EPA Method 8260 Modified.
2. Polychlorinated biphenyls (PCBs) analyzed by EPA Method 8080.
3. Sodium chloride concentrations determined by calculation.
4. Total dissolved solids analyzed by EPA Method 160.1.
5. Sample results reported in micrograms per liter (µg/L), or milligrams per liter (mg/L).
6. < = Indicates the constituent not detected at a concentration at or above the method practical quantitation limit as noted.



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



**CHEMICAL DISTRIBUTION MAP FOR
CONSTITUENTS IN MONITORING WELL
GROUND WATER SAMPLES, JUNE, 1994
SOUTHERN PACIFIC TRANSPORTATION COMPANY
1399 WOOD STREET
OAKLAND, CALIFORNIA**

Project No.: 05100535 Date: 08/15/94
Drawn By: Patti Decker Checked By: James G. Jensen

Figure:

21

Page:

70

Scale:

as shown

ground water investigation. The laboratory analytical reports for the ground water samples analyzed as part of this investigation are included in Appendix F.

5.2.1 Ground Water Sample Results

The results of the laboratory analyses performed on the ground water samples collected from the monitoring wells indicate:

- * TPH-D, benzene, ethylbenzene, 1,2-DCA, EDB, and PCBs were not identified at or above the PQLs in any ground water samples.
- * TPH-G was identified in ground water samples collected from 1 of the 3 monitoring wells (MW-3) at a concentration of 110 ppm.
- * Toluene and xylenes were identified in ground water samples collected from 1 of the 3 monitoring wells (MW-3) at concentrations of 0.9 ppm and 0.8 ppm, respectively.
- * Sodium chloride was identified in ground water samples collected from the 3 monitoring wells, with concentrations ranging from 40 milligrams per liter (mg/L) in MW-1 to 60 mg/L in MW-3 (average concentration equals 49 mg/L).
- * Total dissolved solids in the ground water samples collected from the 3 monitoring wells ranged from 410 mg/L in MW-2 to 850 mg/L in MW-3 (average concentration equals 647 mg/L).

5.2.2 Quality Assurance/Quality Control Sample Results

The analytical results for the duplicate sample collected from MW-1 contained no concentrations of TPH-G, TPH-D, PCBs, or petroleum hydrocarbon constituents at or above the method PQL, which is consistent with the other sample results from the well.

The analytical results for the field blank sample identified no concentrations of any constituents analyzed at or above the method PQL.

The analytical results for the trip blank sample identified no concentrations of any constituents analyzed at or above the method PQL.

6.0 DISCUSSION

The objective of the workplan dated April 21, 1994 was to remediate the petroleum hydrocarbon-impacted soil at the site and to perform a ground water investigation. These objectives were accomplished as described in the following sections.

6.1 Soil Remediation at Excavation A

On May 31, 1994 and June 1, 1994, an estimated 60 cy of apparent petroleum hydrocarbon-impacted soil was excavated from the former location of Tank 3 (the diesel UST).

Laboratory analyses of the confirmation samples collected at the perimeter of the excavation identified concentrations of TPH-D in 2 of the 7 confirmation samples at a maximum concentration of 2 ppm. No other petroleum hydrocarbon constituents were detected at or above the analytical method PQL. As these analytical results are below the recommended constituent cleanup objectives for soil (100 ppm for TPH and 4.6 ppm for benzene), the remediation is considered complete and no further action required.

ok, but SP is dirty

6.2 Soil Remediation at Excavation B

Between June 1, 1994 and June 6, 1994, an estimated 950 cy of apparent petroleum hydrocarbon-impacted soil was excavated from the former location of Tank 1/2 (gas/diesel UST), Tank 4 (waste oil UST), and the dispenser island. Laboratory analyses of confirmation samples collected at the perimeter of the excavation identified concentrations of TPH-G in 3 of the 17 perimeter confirmation samples. Two of the 3 samples B(S-4) and B(S-6) (located on the south wall of the excavation), contained TPH-G concentrations of 4 ppm and 40 ppm, respectively, which is below the recommended constituent cleanup objectives. Sample B(N-5) (located on the north wall of the excavation) contained a TPH-G concentration of 13,000 ppm, which is above the recommended cleanup objectives.

Note: Samples B(N-2), B(N-3) and B(S-5) with conc. of 1,800 ppm, 3,600 ppm and 550 ppm TPH(g) were also above recommended cleanup objectives.

Excavation activities were discontinued along the north wall of the excavation which is the north boundary of SPTCo's property line. Further excavation would undermine 14th Street and the underground utilities located in that area. Remediation has been accomplished in the remainder of the excavation.

6.3 Ground Water Investigation

Based on data collected during the investigations at the site, the chemical constituents in the ground water consist primarily of petroleum hydrocarbons in the gasoline range. The estimated lateral extent of petroleum hydrocarbon-impacted ground water was evaluated by the use of analytical results obtained from the monitoring well ground water samples collected on June 29, 1994 and is depicted on Figure 22. Ground water samples collected downgradient of Excavation A contained no petroleum hydrocarbon constituents at or above analytical method PQLs. Ground water samples collected downgradient of Excavation B contained concentrations of TPH-G in samples collected from MW-3. Migration of constituents in the ground water at the site is restricted by the fine grained nature of the soil.

IC recommends a program of quarterly ground water monitoring and sampling for a period of 1 year after which the program will be re-evaluated.

6.4 Disposition of Stockpiled Soil and Investigation-Derived Residuals

This section describes the disposition of soil stockpiles from Excavations A and B and the drummed soil and ground water from the soil borings and monitoring wells.

6.4.1 Soil Stockpiles — Excavation A

On May 31, 1994, IC collected soil samples at the apparent nonimpacted soil stockpile from Excavation A, which contained approximately 90 cy. The results of the laboratory analysis of these samples detected no concentrations of TPH-G, TPH-D, or petroleum hydrocarbon constituents at or above the method PQL in any composite sample. Based on the analytical results, and as per the approved workplan, this soil was reused, along with clean imported fill, to backfill Excavation A.

On June 8, 1994, IC collected soil samples at the apparent impacted soil stockpile from Excavation A, which contains approximately 60 cy. The results of the laboratory analysis of these samples detected maximum concentrations of TPH of 6,400 ppm. Based on comparison of the site cleanup and reuse objectives, this soil cannot be reused onsite. IC is preparing recommendations for the offsite disposal of this soil.

6.4.2 Soil Stockpiles — Excavation B

On June 1, 1994, IC collected soil samples at the apparent nonimpacted soil stockpile from Excavation B, which contained 80 cy. The results of the laboratory analysis of these samples identified a maximum concentration of TPH-G of 9 ppm. No concentrations of TPH-D or other petroleum hydrocarbon constituents were identified at or above the method PQL in any composite sample. Based on the analytical results, and as per the approved workplan, this soil was reused, along with clean imported fill, to backfill Excavation B.

On June 8, 1994, IC collected soil samples at the apparent impacted soil stockpile from Excavation B, which contains approximately 950 cy. The results of the laboratory analysis of these samples detected TPH concentrations ranging from 29 ppm to 13,000 ppm (average concentration equals 2,074 ppm). Based on comparison of the site cleanup and reuse

objectives, this soil cannot be reused onsite. IC is preparing recommendations for the offsite disposal of this soil.

6.4.3 Drummed Soil from the Soil Borings

Soil cuttings generated from the drilling of the 4 soil borings were stored in 55-gallon DOT-approved drums. Field observations of the soil during drilling noted no impacted soil (based on discoloration and field headspace analysis). Based on the field observations and the fact that the borings were drilled outside the excavations, after receipt of analytical results indicating the soil remediation was complete, IC recommends the onsite reuse of the drummed soil from the borings.

no samples taken

6.4.4 Drummed Water from the Ground Water Investigation

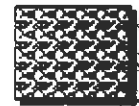
Laboratory analysis of ground water samples from monitoring wells MW-1 and MW-2 reported no concentrations of TPH-G, TPH-D, or petroleum hydrocarbon constituents. Ground water samples from MW-3 contained detectable concentrations of TPH-G. Drums containing decontamination water from the drilling operations and development and purge water can be disposed of at SPTCo's industrial wastewater treatment plant onsite.

APPENDIX A
SOIL BORING AND WELL CONSTRUCTION LOGS

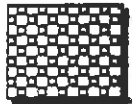


Boring Log Key

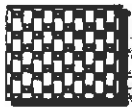
LITHOLOGY



GW Well graded gravels, gravel and sand mixtures.



GP Poorly graded gravels, gravel and sand mixtures.



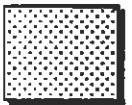
GM Silty gravels, gravel and silt mixtures.



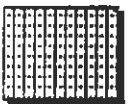
GC Clayey gravels, gravel sand clay mixtures.



SW Well graded sands, gravelly sands.



SP Poorly graded sands or gravelly sands.



SM Silty sands, sand silt mixture.



SC Clayey sands, sand clay mixtures.



ML Inorganic silts and very fine sands.



CL Inorganic clays.



OL Organic silts and organic silty clays.



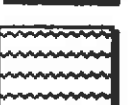
MH Inorganic silts, micaceous or diatomaceous fine sandy or silty soils.



CH Inorganic clays of high elasticity.

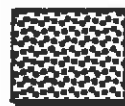


OH Organic clays of medium to high elasticity, organic silts.



PT Peat and or other highly organic soils

WELL CONSTRUCTION



Bentonite/Cement



Bentonite Pellets



Filter Pack



Screen



Groundwater level encountered during time of drilling.



Static Groundwater Level



Sample interval sent to the laboratory for chemical analysis.



Sample collected for geotechnical analysis.



Gradational contact.



Abrupt contact.

All contacts are approximate.

Notes:

1. < denotes concentration less than detectable level as listed.
2. NA = Not Applicable
3. NM = Not Measured
4. NE = Not Encountered

Well Construction Log

INDUSTRIAL COMPLIANCE

Well Location	West of Tank 3 Excavation	Well Name	IMW-1
Drilling Company	West Hazmat #554979	Project Name	1399 Wood St.
Drilling Method	H.S.A.	Rig Type	Mobile B-61
Hole Diameter	8" (10" in.)	Driller	Jeff Smith
		Date	6-13-94
Ground Elevation	est 10' AMSC	Depth to Water	5.5' by Splo & bowls
		Logged By	James G. Jensen
		Total Depth	17' (8" auger) / 18.5' (10" auger)

Well Construction Specifics

Screen Placement	from 14 ft. to 4 ft.	Slot Size	0-020 inches	Diameter	4" inches	Completion Type:	
Blank Casing	from 8 ft. to 25 ft.	Schedule	40 PVC	Diameter	4" inches	Aboveground	
Filter Pack	from 14.5 ft. to 35 ft.	Size	#1C	Type	Lowest / Marston	At Grade	X
Bentonite Pellets	from 2.5 ft. to 3.0 ft.	Type	Pellets	Size	3/8 inches	Hydrated	yes no
Cement/Bentonite	from 3.0 ft. to surf. ft.	Size		Percent Bentonite	3%		

Sample Number	Recov.	Blows / 6-inches	Depth Foot	Well Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
							ground/soil @ surface	
	old		1		GM	H S	0-1 silty gravel - brn, 80% gravel, 20% silt-uf gr.	
	12"	7 12 25 11	2	Cement/bentonite Grout		PM	1.0-2.0 sandy silt brn-or brn, 50% silt-uf gr, 25% fgn, 25% m. gr, subord, poorly silt, damp, firm, no odor	
			3	Bentonite Seal	ML	0-	2.0-2.2 damp sandy silt - dk gr, 50% silt-uf gr, 25% fgn, subord, poorly silt, damp, sticky, no odor	
	NR	5 4 4 4	4				3.0-5.0 NR - gravel stuck in barrel	
			5	#1C Sand	?		sol. wt @ 5.5'	
			6		CL	0	5.0-6.0 sandy clay - dk gr, 60% clay, 30% fgn, 10% small gravel subord, poorly silt, moist, sticky, wood frags, st. org. odor	
	2'		7	Screen	FILL		6.0-7.0 silty sandy weak sand - 50% wood frags, 25% fgn, 25% silt-uf gr, poorly silt, subord, loose, wet, no odor	
	2'	9 20 21 32	8			0	7.0-7.3 silty sandy wood debris - 50% wood frags, 25% fgn, 25% silt-uf gr, poorly silt, subord, loose, wet, no odor	
			9				7.3-9.0 silty sand - gy, 75% m. gr, 25% silt-uf gr, subord, mod. silt, firm, moist, no odor	
			10				9.0-10.0 rec. casing mat	
	1'	3 8 21 23	11		SM	0	10.0-11.0 silty sand - gy gy-or brn becoming or brn @ 11', 60% m. gr, 20% fgn, 20% silt-uf gr, subord, poorly silt, firm moist, no odor	
	2'	15 20 25 25	12			0	11.0-13.0 silty sand - dk brn, dk reddish gy, 60% m. gr, 20% fgn, 20% silt-uf gr, tr clay in part, subord, poorly silt, firm, moist, weak 5% dk minbs	
	2'	15 24 38 50/6'	14			0	13.0-14.8 silty sand - gy-brn grading to dk brn @ 14', 70% m. gr, 30% silt-uf gr, subord, moist, 15% dk minbs, moist, firm, no odor	
			15		ML		14.8-15.0 damp silty sand - or brn, 20% clay, 30% m. gr, subord, firm, hard, moist, 10% dk minbs, TL change lamin. 1, no odor	
	2'	7 19 22 23	16		SM	0	15.0-16.0 damp sandy silt - gy-or brn, 50% silt-uf gr, 30% m. gr, 20% clay, subord, poorly silt, firm, moist, 10% dk minbs, no odor	
			17		CL	0	16.0-16.5 silty sand - or brn, 60% m. gr, 20% fgn, 30% silt-uf gr, subord, moist, firm, moist-wet, 10% dk minbs, no odor	
			18.5				16.5-17.0 sandy silty clay - or brn, 50% clay, 25% m. gr, 25% silt-uf gr, firm, moist, no odor	

No Samples Collected for Lab. anal.

Well Construction Log

Well Location	South of Disperser Area	Well Name	MW-2
Drilling Company	West Hazmat (#554979)	Project Name	1399 Wood St.
Drilling Method	H.S.A.	Rig Type	Mobile B-61
Hole Diameter	8 10 in.	Driller	Jeff Smith
Ground Elevation	est. 10' Amse	Date	6-13-94
Depth to Water	5.5' bop/lay spls	Logged By	James G. Jeman
		Total Depth	17' (8" auger) / 15' (10" auger)

Well Construction Specifics

Screen Placement	from 34' ft. to 14' ft.	Slot Size	0.020 inches	Diameter	4" inches	Completion Type:	
Blank Casing	from 4' ft. to 2.5' ft.	Schedule	40 P.C.	Diameter	4" inches	Aboveground	
Filter Pack	from 1.5' ft. to 3.5' ft.	Size	1C	Type	London/Master	At Grade	X
Bentonite Pellets	from 3.5' ft. to 3.0' ft.	Type	Pellets	Size	3/8 inches	Hydrated	Y yes ___ no
Cement/Bentonite	from 3.0' ft. to surf. ft.	Size		Percent Bentonite	30%		

Sample Number	Recov.	Blows/6-inches	Depth Feet	Well Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
							Asphalt pavement @ surface Spud # 1230	
							3" Asphalt	
							3'-1' red calc. rnk gravel	
							1-2 N.R.	
	8		1	Cement/Bentonite Grout	GP			
	7		1		?	HS: 0 1 ppm		
	14		2		CL		2.0-3.0 - silty clay - dk gray, 75% clay, 25% silt, firm, hard, damp, tr. shell frags, no odor	
	13		3	Bentonite Seal	SP		3.0-3.5 sand - vit. gr., subang, well sort., loose, st. firm, moist to shell frag	
	9		4	#1C Sand	SM	=0	3.5-4.5 silty sand - brn, 60% mg, 40% silt + vfg, subwd, poorly sort., loose, moist st., no odor	
	3		4					4.5-5.0 sandy, silty debris layer - brn, debris laden, moist
	3		5		FILL		5.0-6.0 sandy, silty debris layer - brn, debris laden, moist-wet	
	7		6			=0	6.0-7.0 sand - gy brn, med gr, 10% fgs, subwd, well sort., loose, wet, no odor, 10% dk mnbrs	
	9		7	Screen	SP		7.0-8.0 sand - gy brn, 90% mg, 10% fgs, subwd, well sort., fr brk frag, 10% dk mnbrs, loose, wet, no odor	
	10		8			=0	8.0-9.0 silty sand - gy brn, becomes or. mottled @ 8.0', 60% mg, 20% fgs, 20% silt + vfg, subwd, poorly sort., firm, moist st., 5% dk mnbrs, no odor	
	15		9		?		9.0-10.0 NR	
	31		10		SW	=0	10.0-11.0 sand - gy brn, 80% mg, 20% fgs, subwd, well sort., loose, wet, 5% shell frag, no odor, 10% dk mnbrs	
	6		11				11.0-13.0 silty sand - or brn, mottled in part, 60% mg, 20% fgs, 20% silt + vfg, subwd, poorly sort., firm, moist, 15% dk mnbrs, no odor	
	20		12		SM	=0	13.0-15.0 silty sand - or brn, or. mottled in part, 50% mg, 30% fgs, 20% silt + vfg, subwd, poorly sort., firm, moist st., 15% dk mnbrs, no odor	
	20		13				15.0-16.0 silty sandy clay - or brn, abundant or. mottling, 40% clay, 30% mg, 30% silt + vfg, subwd, poorly sort., firm, sticky, moist, no odor	
	11		14			=0	16.0-17.0 silty sandy clay - or brn, abundant or. mottling, 50% clay, 30% silt + vfg, 20% mg, subwd, firm, sticky, moist, no odor	
	11		15		CL	=0	17' TO @ 1325	

No Samples Collected for Lab Analysis

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	West of Tank 1/2 Excavation	Boring	BH-1
Drilling Company	West Hazmat (#55497)	Project Name	1399 Wood St.
Drilling Method	H.S.A.	Rig Type	Mohale B-6'
Hole Diameter	8" In.	Driller	Jeff Smith
Ground Elevation	est. 10' AMSL	Date	6-13-94
Depth to Water	5' by sample	Logged By	JAMES G. JENNA
		Total Depth	17'

Sample Number	Recov.	Blows/6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
							concrete @ surface	
	Duld		1		H.S. (ppm)	GM	0-4' concrete	
	1.2'	8	2		3.0	GP	4'-1.0' Gravel fill	
		7	2				1-1.0' NR	
		12	3			CL	1.0-2.0 gravel - wet, angular, 1/2-1" pieces, sp. odor, wet	
			3				2.0-3.0 silty clay - mottled gy gran dbm, 75% clay, 25% silt-ufg, firm, hard, damp, sp. odor	
No Samples Collected for Lab Analysis	1.0'	5	4		6.0	SM	3.0-4.0 NR	
		2	4				4.0-5.0 silty sand - brn, 60% m-f gr, 40% silt-ufg, subd, poorly sdt, loose, wet, no odor	
		4	5			SP	5.0-6.0 sand - dk gy brn, m. gr., subd, well sdt, loose, wet, no odor	
	2'	5	6		0.6	CH	6.0-7.0 clay - mottled gy dbled grading to black @ 6.5', firm, moist, sticky, sl. org. odor	
		1	7			SP	7.0-7.2 sand - dk gy brn, m. gr., subd, well sdt, loose, wet, no odor	
	2'	11	8		0.0		7.2-8.2 silty sand - gy gran, 70% m gr, 30% silt-ufg, subd, poorly sdt, firm, moist, 5% dk mmb, no odor	
		17	8				8.2-9.0 silty sand - or brn, sl. mottled, 60% m-f gr, 40% silt-ufg, subd, poorly sdt, firm, moist, 10% dk mmb, no odor	
		22	9				9.0-11.0 silty sand - or brn, gy mottling, 60% m-f gr, 40% silt-ufg, subd, poorly sdt, firm, moist, 15% dk mmb, no odor	
	2'	12	10		0.0		11.0-12.2 clayey silty sand - or brn, gy mottling, 50% m-f gr, 30% silt-ufg, 20% clay, subd, poorly sdt, firm, moist, 15% dk mmb	
		16	11			SM	12.2-13.0 silty sand - or brn, 70% m-f gr, 30% silt-ufg, subd, well sdt, loose, wet, 10% dk mmb, no odor	
		18	12				13.0-15.0 silty sand - or brn, mottling, 60% m-f gr, 40% silt-ufg, subd, poorly sdt, sp. firm, wet, 15% dk mmb, no odor	
		15	13				15.0-15.5 silty sand - gy brn, mottling, 60% m-f gr, 40% silt-ufg, subd, poorly sdt, firm, wet, 15% dk mmb, no odor	
	2'	9	14		0.0		15.5-17.0 silty sandy clay - gy brn, or. mottling, 50% clay, 25% m-f gr, 25% silt-ufg, subd, firm, moist, 10% dk mmb, no odor	
		8	15			CL		
		12	16					
		19	17					
			18					
			19					
							TD 17' 1545	

Well Construction Log

Well Location	West of Tank 1/2 Excavation	Well Name	MW-3 (Twin boring to BH-1)
Drilling Company	WEST HAZMAT (#554979)	Project Name	1390 Wood St.
Drilling Method	H.S.A.	Rig Type	Mol. Co B-16
Hole Diameter	10 in.	Driller	JEFF SMITH
Ground Elevation	est. 6' AMSL	Date	6-14-94
Depth to Water	5' by samples	Logged By	JAMES G. JENSEN
		Total Depth	14.7' (10' auger)

Well Construction Specifics

Screen Placement	from 4 ft to 4 ft	Slot Size	0.020 inches	Diameter	4' inches	Completion Type:	
Blank Casing	from 4' ft. to 10.5' ft.	Schedule	40 PC	Diameter	4' inches	Aboveground	—
Filter Pack	from 14.7 ft. to 3.5 ft.	Size	1 C	Type	Leachate/Water	At Grade	X
Bentonite Pellets	from 3.5 ft. to 3.0 ft.	Type	Pellets	Size	3/8 inches	Hydrated	X yes — no
Cement/Bentonite	from 3.0 ft. to Surf. ft.	Size		Percent Bentonite	3%		

Sample Number	Recov.	Blows/6 inches	Depth Feet	Well Detail	Lithology	USCS Log	Sample Description	FID/PID (ppm)
			1	Cement/Bentonite Grout			See sample description under boring BH-1	
			2					
			3	Bentonite Seal				
			4					
			5	#1 C Sand				
			6	Screen				
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					

Boring Log

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
Hole Diameter	8 in.	Driller	K. Magee
		Date	10/23/92
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)		
26978	↑ 10% ↓	4 9 18	1	Backfilled with Cement/ Bentonite Grout			Silty Sand: brown, dry, 25 to 30% silt, soft, no odor.			
			2							Poorly Graded Gravel: yellow brown, dry, dense, 3/4-inch diameter clasts, no odor.
			3							
			4							
			5							

Total Depth 5.5 feet BGS

APPENDIX B

**DRILLING RESIDUALS, DEVELOPMENT WATER,
AND PURGE WATER DRUM INVENTORY LIST**

APPENDIX B

DRILLING RESIDUALS, DEVELOPMENT WATER,
AND PURGE WATER DRUM INVENTORY LIST

<u>Date</u>	<u>Drum Number</u>	<u>Soil Boring/ Monitoring Well</u>	<u>Contents</u>
06/13/94	1	MW-1, MW-2	Drilling residuals (soil)
06/13/94	2	BH-1	Drilling residuals (soil)
06/14/94	3	MW-3	Drilling residuals (soil)
06/14/94	4	—	Equipment decontamination water
06/14/94	5	—	Equipment decontamination water
06/23/94 06/29/94	6	MW-1	Purged ground water
06/23/94 06/29/94	7	MW-2	Purged ground water
06/23/94 06/29/94	8	MW-3	Purged ground water



APPENDIX C

**WELL DEVELOPMENT AND GROUND WATER
PURGE CHARACTERIZATION FIELD DATA SHEETS**



WELL DEVELOPMENT LOG

Time	0835	0900	0905	0915	0930	0935	0940
Gallons Purged	3	12	21	30	37	45	53
Purge Rate	Bailer	→			Pump-2" 1.5 GPM	→	
pH	7.88	7.55	7.35	7.33	7.57	7.24	7.05
Conductivity (µmhos)	516	583	548	529	572	573	551
Temperature (°C/F)	67.8	65.8	66.3	64.8	68.8	67.6	67.8
Salinity (0/00)							
Water Level	3.35'					9.4'	11.0'
Dewatered							
Turbidity						Cloudy	Cloudy
Color							
Comments	TD 13.67'						

Project # 05100535

Project Name 1399 Wood ST.

Total Depth 13.67'

Date 6-27-94

Initials

Screen Interval 4'-14' / MW-1
1/2



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



WELL DEVELOPMENT LOG

Time	0945	0950	0955				
Gallons Purged	61	69	77				
Purge Rate							
pH	7.28	7.30	7.33				
Conductivity (µmhos)	547	551	549				
Temperature (°C) F	66.4	66.5	66.7				
Salinity (0/00)							
Water Level		11.3'					
Dewatered							
Turbidity	cloudy	cloudy	clear				
Color							
Comments							

Project # 05100535

Project Name 1399 Wood ST.

Total Depth 13.67

Date 6-~~28~~²⁷-94

Initials JSD

Screen Interval 4-14'

2/1



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



WELL DEVELOPMENT LOG

Time	1340	1405	1407	1416	1418	1430	1433	1436
Gallons Purged	3	10	17	24	31	38	45	52
Purge Rate	baul	baul	Baul	Baul	Baul	2.22/min		
PH	7.99	7.58	7.50	7.70	7.52	7.73	7.72	7.70
Conductivity (µmhos)	732	806	766	818	808	863	888	880
Temperature (°F)	70.6	77.6	73.5	75.6	72.9	78.5	76.6	74.2
Salinity (0/00)								
Water Level			13.98					
Dewatered			yes					
Turbidity								
Color	DK Brown	TAN	cloudy	cloudy	cloudy	light TAN	cloudy	cloudy
Comments	NO OPR NO SHEEN							

Project # 05100-535

Project Name Dechlor

Total Depth 1410

Date June 20, 1994

Initials Brylto Lyons

Screen Interval MW 2

WELL DEVELOPMENT LOG

Time	0910	0935	0937	0939	1022	1030	1120
Gallons Purged	3	6	12	18	24	30	32
Purge Rate	Bail	Fail	Bail	Bail	Bail	Fail	Bail
pH	8.01	8.05	7.56	7.62	7.90	7.68	7.57
Conductivity (µmhos)	1088	750	1002	1055	1128	1127	1224
Temperature (°C) °F	64.2	63.9	65.0	63.4	64.4	62.9	63.1
Salinity (‰)							
Water Level				13.80			
Dewatered				yes		yes	
Turbidity							
Color	Dark Brown						
Comments	NO ODORS NO SHEEN						

Project # 05100-535

Project Name Auckland

Total Depth 14-10

Date June 23 1994

Initials Bryette Lewis

Screen Interval MW-3



WELL DEVELOPMENT LOG

Time	1123	1213	1215	1300	1304		
Gallons Purged	42	48	54	60	66		
Purge Rate	Barl	Barl	Barl	Barl	Barl		
pH	7.13	7.26	7.19	7.11	7.20		
Conductivity (µmhos)	1226	1282	1338	1387	1292		
Temperature (°C) °F	63.4	68.5	66.8	67.2	67.5		
Salinity (0/00)							
Water Level			13.90		13.63		
Dewatered			yes				
Turbidity							
Color		TAN			TAN		
Comments							

Project # DS 0031535

Project Name Oakland

Total Depth 1470

Date June 23 1994

Initials Brygde L...

Screen Interval MW-3



Industrial Compliance

A Subsidiary of EP Environmental Systems, Inc.



PURGE CHARACTERIZATION AND SAMPLE LOG

Project Number: 051002⁵³⁵ Project Name: 1399 0000 ST Date: 6-29-94
 Well Number: MW-2 Sampler: JOHN CAUNAUGH/ME Weather: SWAY

Military Time	11:45	11:55	12:20	12:30	12:40		
Gallons Purged	1	7	14	20	5		Depth to bottom (DB): <u>14.00</u>
Purge Rate	-	7600	BAILEYS	-	A		Depth to water (DW): <u>3.94</u>
pH	7.09	6.89	6.26	6.23	M		Height of water column (H) = DB - DW: <u>10.44</u>
Conductivity	13.03	12.59	12.02	12.8E44	P		One casing volume (CV) = H x multiplier: <u>6.59</u>
Temperature (°F)	76.3	75.2	76.6	75.0	L		Three casing volumes (3CV): <u>19.77</u>
Salinity (‰)					E		Multipliers = 2" well = 0.16 gallons/foot
Turbidity	MUD	MUD	MUD	MUD			4" well = 0.65 gallons/foot
Color	LT BRN	LT BRN	LT BRN	LT BRN			6" well = 1.47 gallons/foot
Water Level Casing							8" well = 2.61 gallons/foot
Calibration	pH: 4110						SC:

Sample #	Quantity	Volume	Type	Preserv.	Analysis	Lab	Sampl. Equip.	Purge Equip.	Field Comments
MW-2	2	40 ml	UVA	HILL	B260	CCAS	DISP. BAILEYS	BAILEY	
	1	1 Q	AMBER	MNMG	PCB BUD	CCAS			
	1	1 Q	AMBER	MNMG	TDS	CCAS			
Cleaning:									
Comments:									

Sampler's Signature: John Caunagh

PAGE.005
JUL 1 '94 14:24 FROM SP 1-880 FIELD OFFICE

APPENDIX D
CHAIN-OF-CUSTODY DOCUMENTS





Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13417

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1399 Wood St.		PROJECT LOCATION OAKLAND				NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TPH-D/BTEX-EPA 8260						REMARKS JK1726		
PROJ. NO. 05100535	PROJECT CONTACT JAMES G. JENSEN			PROJECT TELEPHONE NO. 916-369-8971											
CLIENT'S REPRESENTATIVE JOHN MOE			PROJECT MANAGER/SUPERVISOR MARK DOCKUM												
ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB										SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)
1	A(E-2)	5/31/94	1522		X	EXCAVATION A - COMP. SALS	1	X							soil samples -3
2	A(E-1)		1528		X		1	X							-4
3	A(N-1)		1532		X		1	X							-5
4	A(W-1)		1546		X		1	X							-6
5	A(S-1)		1554		X		1	X							-7
6	A(S-2)		1559		X		1	X							-8
7	A(W-2)		1603		X		1	X							-9
8															
9															
10															

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-7	<i>James G. Jensen</i>	<i>Shelli Hoyt</i>	5/31/94	1630	24-hr TAT FAX RESULTS TO JIM JENSEN ② 510-238-9145
2	1-7	<i>Chirley</i>	<i>Shelli Hoyt</i>	5/31/94	1725	Cold, sealed, intact
3						temp of cooler upon receipt = 44°F
4						SAMPLER'S NAME: JAMES G. JENSEN SAMPLER'S SIGNATURE: <i>James G. Jensen</i>



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13416

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1399 Wood St.		PROJECT LOCATION OAKLAND		NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TPH-DIBTEX-EPA 8260					REMARKS JK1726
PROJ. NO. 05100535	PROJECT CONTACT JAMES G. JENSEN	PROJECT TELEPHONE NO. 916-369-8971								
CLIENT'S REPRESENTATIVE JOHN MOE		PROJECT MANAGER/SUPERVISOR MARK DOCKUM								
ITEM NO.	SAMPLE NUMBER	DATE	TIME							
1	A(A-1)	5/31/99	1511		Y	Stockpiled Soil EX. A	1	X	} COMPOSITE INTO 1 SAMPLE -1	
2	A(A-2)		1513		X		1	X		
3	A(A-3)		1515		X		1			
4	A(B-1)		1525		X		1	X	} COMPOSITE INTO 1 SAMPLE -2	
5	A(B-2)		1527		X		1			
6	A(B-3)		1529		Y		1			
7										
8										
9										
10										

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-6	<i>John Moe</i>	<i>Mark Dockum</i>	5/31/99	1630	24-hr TAT FAX RESULTS TO JIM JENSEN ① 510-238-9145
2	1-6	<i>John Moe</i>	<i>Shelley Hoyt</i>	5/31/99	1725	sealed, intact
3						temp of cooler upon receipt = 44°F
4						SAMPLER'S NAME: <i>MIKE ENDICOTT</i> SAMPLER'S SIGNATURE: <i>Mike Endicott</i>



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

5. Hourly 10/26/10 (A) No. 13423

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME: 1399 Wood St.
 PROJECT LOCATION: OAKLAND CALIF.
 PROJ. NO.: OS100535
 PROJECT CONTACT: JAMES G. JENSEN
 PROJECT TELEPHONE NO.: 916-369-8971
 CLIENT'S REPRESENTATIVE: JOHN MOE
 PROJECT MANAGER/SUPERVISOR: 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)										REMARKS				
								TPH-D	VOCs	B200	B240	7000	TPH-PAX	VIA	WELLS	1	2		3	4	5	6
1	A(C-1)	6/18/94	1510		X	Stockpiled Soil	1	X	X	X												Soil Sample Composite into 1 sample
2	A(C-2)		1511		X		1															
3	A(C-3)		1513		X		1															
4	A(C-4)		1514		X		1															
5	A(D-1)		1516		X		1	X	X	X												Composite into 1 sample
6	A(D-2)		1518		X		1															
7	A(D-3)		1520		X		1															
8	A(D-4)		1521		X		1															
9																						
10																						

RECEIVED JUN 22 1994

INDUSTRIAL COMPLIANCE

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-8	James G. Jensen	Mark Dockum	6/18/94	1730
2	1-8	James G. Jensen	Deirda [Signature]	6/19/94	11:20
3	1-8	Deirda [Signature]	[Signature]	6/19/94	6:28
4	1-8	[Signature]	William Abraham	6/20/94	7:40

REMARKS
 ⊕ 8-RCCA Metals
 Run Composites only
 5-day TAT / Fax results to Jim Jensen @ 916-369-8370
 Temp of cooler = °F upon receipt & date
 cool intact

SAMPLER'S NAME: JAMES G. JENSEN
 SAMPLER'S SIGNATURE: [Signature]



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13418

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1399 WOOD ST.		PROJECT LOCATION OAKLAND, CALIF.	
PROJ. NO. 05100535	PROJECT CONTACT JAMES G. JENSEN	PROJECT TELEPHONE NO. 916-369-8971	
CLIENT'S REPRESENTATIVE JOHN MOE		PROJECT MANAGER/SUPERVISOR MARK DODDUM	

NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)									
	/-----/									
	/-----/									
	/-----/									
	/-----/									
	/-----/									
	/-----/									
	/-----/									
	/-----/									
	/-----/									

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	ANALYSIS DESIRED	REMARKS	
1	B(W-1)	6/1/94	1428		X	Excavation sample	X	Soil spl JK1740-1	
2	B(W-1)		1438		X	" "	X	" " -2	
3	B(A-1)		1435		X	SOIL STOCKPILE SAMPLE	X	" " -3	
4	B(A-2)		1437		X	↓ ↓ ↓	}	COMPOSITE INTO ONE SAMPLE	
5	B(A-3)		1436		X				
6	B(B-1)		1440		X				X
7	B(B-2)		1442		X				
8	B(B-3)		1445		X				
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-8	Jim Jensen	Ben 516	6/1/94	1545	24-hr TAT FAX RESULTS TO JIM JENSEN @ 510-238-9145 cool, intact temp of cooler = 30°F upon receipt
2	1-8	World Carriers	Alison A. Abraham	06/01/94	1640	
3						
4						

SAMPLER'S NAME JAMES G. JENSEN	SAMPLER'S SIGNATURE
--	-------------------------



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13419

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1309 WOOD STREET		PROJECT LOCATION OAKLAND, CALIF.	
PROJ. NO. 05100535	PROJECT CONTACT JAMES G. JENSEN	PROJECT TELEPHONE NO. 916-369-8971	
CLIENT'S REPRESENTATIVE JOHN MOE		PROJECT MANAGER/SUPERVISOR MARK S. DOCKUM	

NUMBER OF CONTAINERS

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)

TPT-6/TPT-D/BTEX-8260

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED	REMARKS
1	B(W-2)	6/2/94	1628		X	Excavation Sample	1	X	SOIL SAMPLE -1
2	B(W-3)	↓	1631		X	↓	1	X	↓ -2
3	B(W-4)	↓	1639		X	↓	1	X	↓ -3
4	B(S-1)	↓	1649		X	↓	1	X	↓ -4
5									
6									
7									
8									
9									
10									

RECEIVED

JUN 08 1994

INDUSTRIAL COMPLIANCE

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-4	James G. Jensen	Madison C. Abraham	6/2/94	1935	24-hr TAT Fax Results to Jim Jensen @ 510-238-9145
2						cont, intact
3						
4						

SAMPLER'S NAME
JAMES G. JENSEN

SAMPLER'S SIGNATURE
James G. Jensen

LAB COPY



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

page 2 of 2

No. 13421

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1399 Wood Street		PROJECT LOCATION OAKLAND CALIF.		NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)		
PROJ. NO. DS100535	PROJECT CONTACT JAMES G. JENSEN	PROJECT TELEPHONE NO. 916-369-8971					
CLIENT'S REPRESENTATIVE JOHN MOE		PROJECT MANAGER/SUPERVISOR MARK DOCKUM					
ITEM NO.	SAMPLE NUMBER	DATE	TIME			COMP	GRAB
1	B(5-6)	6/3/94	1420		X	Excavation Sample	-7 Soil Sample w/ slight odor
2							
3							
4							
5							
6							
7							
8							
9							
10							

TA-6/PH-2/RET-8260
AK1269

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1	<i>[Signature]</i>	<i>[Signature]</i>	6/3/94	1649	24-hr TAT Fax results to Jim Jensen @ 510-238-9145
2						
3						
4						

SAMPLER'S NAME: **JAMES G. JENSEN**
SAMPLER'S SIGNATURE: *[Signature]*



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13420

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1399 Wood Street		PROJECT LOCATION OAKLAND, CALIF.	
PROJ. NO. 05100535	PROJECT CONTACT JAMES G. JENSEN	PROJECT TELEPHONE NO. 916-369-8971	
CLIENT'S REPRESENTATIVE JOHN MOE		PROJECT MANAGER/SUPERVISOR MARK DODDUM	

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)		REMARKS	
								PCBs	FF		
1	B(S-2)	4/3/94	0920		X	Excavation Sample	1	X		-1	Soil Sample
2	B(S-3)		0930		X		1	X		-2	
3	B(E-1)		0935		X		1	X		-3	
4	B(E-2)		1340		X		1	X		-4	
5	B(E-3)		1345		X		1	X	X	-1-8	
6	B(E-4)		1350		X		1	X	X	-2-9	
7	B(N-2)		1355		X		1	X	X	-3-10	(X) moderate odor
8	B(N-3)		1400		X		1	X	X	-4-11	(X) moderate odor
9	B(S-4)		1410		X		1	X		-5	(X) moderate odor
10	B(S-5)		1415		X		1	X		-6	(X) moderate odor slight

TRH-G/TUH-D/Box - E260
PCBs - 3000

AK 1770 for PCBs
AK 1769 for FF

RECEIVED
JUN 13 1994

INDENTURE COMPLIANCE

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-10	<i>[Signature]</i>	<i>[Signature]</i>	4/3/94	16:00
2					
3					
4					

REMARKS
24-hr TAT on FF; 3 day on PCBs per SLN
Four results to Jim Jensen @ (13)
510-238-9145

cool, intact
Temp of cooler = 34°F upon receipt @ lab

SAMPLER'S NAME: JAMES G. JENSEN
SAMPLER'S SIGNATURE: *[Signature]*



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13422

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1399 Wood Street		PROJECT LOCATION OAKLAND, CALIF.	
PROJ. NO. 05WDS35	PROJECT CONTACT JAMES G. JENSEN	PROJECT TELEPHONE NO. 916-369-8971	
CLIENT'S REPRESENTATIVE John Moe		PROJECT MANAGER/SUPERVISOR MARK S. DOSTERUM	

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)				REMARKS	
								TEL-PA-D	2-BAY	-B250	PCB's		
1	B(N-4)	6/6/94	1639		X	Environ. Sample		X	X			-1-1	Soil Sample
2	B(N-5)	↓	1659		X	↓		X	X			-2-2	Ⓟ M. odor
3	B(S-7)	↓	1710		X	↓		X				-3	↓
4													
5													
6													
7													
8													
9													
10													

TEL-PA-D
2-BAY
-B250
PCB's

AKI 10/98
6/17/99
JAL PCB's

RECEIVED
JUN 15 1994

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-3	<i>[Signature]</i>	<i>[Signature]</i>	6/9/94	1630
2	1-3	<i>[Signature]</i>	<i>[Signature]</i>	6/9/94	1610
3					
4					

INDUSTRIAL COMPLIANCE REMARKS

24-hr TAT

For results to Jim Jensen @

STO-233-9145

cool, intact

SAMPLER'S NAME: **JAMES G. JENSEN**

SAMPLER'S SIGNATURE: *[Signature]*



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13422

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1399 WOOD STREET		PROJECT LOCATION OAKLAND, CALIF.	
PROJ. NO. 05W0535	PROJECT CONTACT JAMES G. JENSEN	PROJECT TELEPHONE NO. 916-369-8971	
CLIENT'S REPRESENTATIVE JOHN MOE		PROJECT MANAGER/SUPERVISOR MARK S. DOCKUM	

ANALYSIS DESIRED
(INDICATE SEPARATE CONTAINERS)

*TK-6/TK-D/ATEX-8260
PCBS-8280*

*AK1798
JK1799 for FF
for PCBS*

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	REMARKS
1	B(N-4)	6/6/94	1639		X	Excavation Sample	X X	Soil Sample
2	B(W-5)	↓	1659		X	↓	X X	Ⓢ M. deodor odor
3	B(S-7)	↓	1710		X	↓	X	
4								
5								
6								
7								
8								
9								
10								

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-3	<i>James G. Jensen</i>	<i>John Moe</i>	6/6/94	1730	24-hr TAT FAX results to Jim Jensen @ 510-288-9145 cool, intact
2	1-3	<i>John Moe</i>	<i>Alison Abraham</i>	6/6/94	1840	
3						
4						

SAMPLER'S NAME: **JAMES G. JENSEN**

SAMPLER'S SIGNATURE: *James G. Jensen*

LAB COPY



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13426

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME: 1399 Wood St.
 PROJECT LOCATION: OAKLAND, CALIF.
 PROJ. NO.: 05100535
 PROJECT CONTACT: JAMES G. JOHNSON
 PROJECT TELEPHONE NO.: 916-369-8971
 CLIENT'S REPRESENTATIVE: JOHN MOE
 PROJECT MANAGER/SUPERVISOR: 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)										REMARKS								
								TPH-6	TPH-D	VOCs	B240	Metals	6000	7000	8000	9000	10000		11000	12000						
1	B(C-1)	4/9/94	1042		X	Stockpiled Soil	1	X	X	X														All samples note odor		
2	B(C-2)		1049		X	↓	1	X	X	X														Composite into 1 sample = 3		
3	B(C-3)		1045		X		1																			
4	B(C-4)		1052		X		1																			
5	B(D-1)		1053		X		1	X	X	X															Composite into 1 sample = 4	
6	B(D-2)		1057		X		1																			
7	B(D-3)		1055		X		1																			
8	B(D-4)		1059		X		1																			

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-8	James G. Johnson	Mark Dockum	4/9/94	1730
2	1-8	James G. Johnson	Mark Dockum	4/9/94	1730
3	1-8	James G. Johnson	Mark Dockum	4/9/94	1730
4	1-8	James G. Johnson	Mark Dockum	4/9/94	1730

REMARKS: (8) B-PCRA Metals
 Run composite only
 5-day TAT / Fax results to Jim Johnson
 @ 916-369-8370

SAMPLER'S NAME: JAMES G. JOHNSON
 SAMPLER'S SIGNATURE: [Signature]



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13429

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1399 Wood St.		PROJECT LOCATION OAKLAND, CALIF.	
PROJ. NO. 05100535	PROJECT CONTACT JAMES G. JENSEN	PROJECT TELEPHONE NO. 916-369-8971	
CLIENT'S REPRESENTATIVE JOHN MOE		PROJECT MANAGER/SUPERVISOR 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)				REMARKS
								PH	PH-D	Metals	Other	
1	B(I-1)	6/8/94	1234		X	Stockpiled Soil	1	X	X	X		All samples moderate odor JK1849 Soil Sample Composite into 1 sample -9
2	B(I-2)		1238		X		1					
3	B(I-3)		1241		X		1					
4	B(I-4)		1245		X		1					
5	B(I-1)		1250		X		1	X	X	X		
6	B(I-2)		1257		X		1					
7	B(I-3)		1252		X		1					
8	B(I-4)		1256		X		1					
9												
10												

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-8	<i>[Signature]</i>	<i>[Signature]</i>	6/8/94	1130
2	1-8	<i>[Signature]</i>	<i>[Signature]</i>	6/9/94	1105
3	1-8	<i>[Signature]</i>	<i>[Signature]</i>	6/9/94	6:18
4	1-8	<i>[Signature]</i>	<i>[Signature]</i>	6/9/94	1740

REMARKS: 8-RCA Metals
Run Composite only
5-day TAT / Fax results to Jim Jensen @ 916-369-8370

SAMPLER'S NAME: **JAMES G. JENSEN**

SAMPLER'S SIGNATURE: *[Signature]*



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13430

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1399 Wood St.		PROJECT LOCATION DAKLAND, CALIF.	
PROJ. NO. 0510535	PROJECT CONTACT JAMES G. JENSEN	PROJECT TELEPHONE NO. 916-369-8971	
CLIENT'S REPRESENTATIVE JOHN MOE		PROJECT MANAGER/SUPERVISOR 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)										REMARKS								
								TPH	6	TPH-D	8260	VOCs	8240	Metals	6000	1000	⊕									
1	B(K-1)	6/9/94	1345		X	Stockpiled Soil	1	X	X	X													All samples moderate odor AK1849 Soil Sample Composite into 1 sample Composite into 12 samples			
2	B(K-2)		1342		X		1																			
3	B(K-3)		1355		X		1																			
4	B(K-4)		1340		X		1																			
5	B(L-1)		1336		X		1	X	X	X																
6	B(L-2)		1331		X		1																			
7	B(L-3)		1334		X		1																			
8	B(L-4)		1332		X		1																			

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-8	<i>James G. Jensen</i>	<i>Mark Dockum</i>	6/9/94	1730
2	1-8	<i>James G. Jensen</i>	<i>Mark Dockum</i>	6/9/94	1105
3	1-8	<i>Mark Dockum</i>	<i>James G. Jensen</i>	6/9/94	16:18
4	1-8	<i>James G. Jensen</i>	<i>Calison Abraham</i>	6/10/94	1740

REMARKS
 ⊕ 8-PCRA Metals
 Run composite only
 5-day TAT / Fax results to Jim Jensen @ 916-369-8370
 Cool, intact

SAMPLER'S NAME: **JAMES G. JENSEN**
 SAMPLER'S SIGNATURE: *James G. Jensen*



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13431

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1399 Wood St.		PROJECT LOCATION OAKLAND, CALIF.	
PROJ. NO. 05100575	PROJECT CONTACT JAMES G. JENSEN	PROJECT TELEPHONE NO. 916-369-8971	
CLIENT'S REPRESENTATIVE JOHN MOE		PROJECT MANAGER/SUPERVISOR MARK DOCKUM	

NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)										REMARKS All Samples moderate odor JK1849	
	<i>TPH 6 / TPH-D / B260</i> <i>VOCs B240</i> <i>Metals 6000 / 10000</i>											
	1	Soil Sample										
	2	Composite into 1 sample = 13										
	3											
	4											
	5											
	6	Composite into 1 sample = 14										
	7											
	8											
9												
10	(8)											

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)
1	B(m-1)	6/8/94	1318		X	Stratified soil
2	B(m-2)		1320		X	
3	B(m-3)		1316		X	
4	B(m-4)		1321		X	
5	B(N-1)		1324		X	
6	B(N-2)		1328		X	
7	B(N-3)		1325		X	
8	B(N-4)		1327		X	
9						
10						

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-8	<i>James G. Jensen</i>	<i>Mark Dockum</i>	6/8/94	1730	(8) B-PCRA Metals Run composites only 5-day TAT / Fax results to Jim Jensen @ 916-369-8370 Carl contact 6/10/94 1740
2	1-8	<i>John Moe</i>	<i>Mark Dockum</i>	6/9/94	1725	
3	1-8	<i>Mark Dockum</i>	<i>James G. Jensen</i>	6/9/94	1600	
4	1-8	<i>John Moe</i>	<i>James G. Jensen</i>	6/10/94	1740	

SAMPLER'S NAME: **JAMES G. JENSEN**
 SAMPLER'S SIGNATURE: *James G. Jensen*



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13424

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1309 Wood St.		PROJECT LOCATION OAKLAND, CALIF.	
PROJ. NO. 05100535	PROJECT CONTACT JAMES G. JENSEN	PROJECT TELEPHONE NO. 916-369-8971	
CLIENT'S REPRESENTATIVE JOHN MOE		PROJECT MANAGER/SUPERVISOR 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)				REMARKS
								TPH/L	TPH-D	VOCs	Metals	
1	C(A-1)	6/18/94	0934		X	Stockpiled Soil	1	X	X	X	X	All samples moderate odor Soil Samples } Composite into 1 Sample -19 Composite into 1 Sample -20
2	C(A-2)		0935		X		1					
3	C(A-3)		0932		X		1					
4	C(A-4)		0938		X		1					
5	C(B-1)		0936		X		1	X	X	X	X	
6	C(B-2)		0943		X		1					
7	C(B-3)		0940		X		1					
8	C(B-4)		0942		X		1					
9												
10												

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-8	James G. Jensen	Dwanda [Signature]	6/18/94	1730
2	1-8	[Signature]	Dwanda [Signature]	6/19/94	1105
3	1-8	Dwanda [Signature]	[Signature]	6/19/94	1619
4	1-8	[Signature]	Alison [Signature]	6/20/94	1740

REMARKS: **⊗ B-RCRA Metals**
 Run Composites only.
 5-day TAT / Fax results to Jim Jensen @ 916-369-8370

SAMPLER'S NAME: **JAMES G. JENSEN**

SAMPLER'S SIGNATURE: *James G. Jensen*



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

RECEIVED

JUN 27 1994

No. 13425

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 1399 Wood St.		PROJECT LOCATION OAKLAND, CALIF.	
PROJ. NO. 0510535	PROJECT CONTACT JAMES G. JENSEN	PROJECT TELEPHONE NO. 916-369-8971	
CLIENT'S REPRESENTATIVE JOHN MOG		PROJECT MANAGER/SUPERVISOR MARK DOCKUM	

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)

TPH-6/TPH-D/8260
VOCs 8260
Metals 6000/7000/8000
PCBs 8000
JK 1963 for PCBs

All samples moderate odor

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED	REMARKS
1	C(C-1)	6/8/94	0945		X	Stockpiled Soil	1	X X X X	-3 Soil samples } Composite into 1 sample
2	C(C-2)		0946		X		1		
3	C(C-3)		0948		Y		1		
4	C(C-4)		0950		X		1		
5	C(D-1)		0953		X		1	X X X X	-4 } Composite into 1 sample
6	C(D-2)		0954		X		1		
7	C(D-3)		0956		Y		1		
8	C(D-4)		0958		X		1		
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-8	<i>James G. Jensen</i>	<i>Mark Dockum</i>	6/8/94	1730	(8) B-RCRA Metals Run composites only 5-day TAT/Fax results to Jim Jensen @ 916-369-8370 6/8 cool, intact SAMPLER'S NAME: JAMES G. JENSEN
2	1-8	<i>James G. Jensen</i>	<i>Mark Dockum</i>	6/9/94	1730	
3	1-8	<i>James G. Jensen</i>	<i>Mark Dockum</i>	6/9/94	1600	
4	1-8	<i>James G. Jensen</i>	<i>Mark Dockum</i>	6/9/94	1740	

SAMPLER'S SIGNATURE: *James G. Jensen*



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.



CHAIN-OF-CUSTODY RECORD

No. 13705

Industrial Compliance • 9719 Lincoln Village Drive, Ste. 310 • Sacramento, CA 95827 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME 446 LODI TRACKING		PROJECT LOCATION 1399 WOOD ST. OAK	
PROJ. NO. 05100535	PROJECT CONTACT HARRY SHIN	PROJECT TELEPHONE NO. 510 2381-9540	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR TIM JENSEN	

NUMBER OF CONTAINERS

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)

TPP Fuel From Point - 8260
PCBs - 8085
TDS/NO3 - 1601

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED	REMARKS
1	MW-1	6-29	9:55			G. WATER FROM WELL MW-1	4	✓ ✓ ✓	152063 - 1
2	MW-2	6-29	12:40 11:35			GROUND WATER FROM WELL MW-2	4	✓ ✓ ✓	- 2
3	MW-3	6-29	11:35			G. WATER FROM WELL MW-3	4	✓ ✓ ✓	- 3
4	MW-1 DUP	6-29	9:55			G. WATER FROM WELL MW-1 (DUPLICATE SAMPLE)	3	✓ ✓	- 4
5	TRIP	6-29	9:50			TRIP BLANK - PREPARED ON-SITE WITH D.I. WATER	2	✓	- 5
6	EQUIP	6-29	12:50			FIELD/EQUIP BLANK PREPARED WITH EQUIP RINSER H2O	2	✓	- 6
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-6	<i>Ph. C.</i>	<i>[Signature]</i>	6-30	8:50	vials placed in grand bottles @ lab
2	1-6	<i>World Courier</i>	<i>Alison A. Abraham</i>	06/30	94 10:00	cool, intact Temp of cooler = 45°F upon receipt
3						
4						SAMPLER'S NAME: <i>Tim Jensen</i> SAMPLER'S SIGNATURE: <i>[Signature]</i>

APPENDIX E

**ANALYTICAL LABORATORY REPORTS,
EXCAVATION AND STOCKPILE SOIL SAMPLES**





COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1726-3
Project : 05100535, 1399 Wood
Street, Oakland
Analyzed : 05/31/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
A(E-2) Excavation A - Conf. Samples	Soil	James Jensen	05/31/94 1522	05/31/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			96.	

San Jose Lab Certifications: CAELAP #1204


*RESULTS listed as 'ND' were not detected at or above the Listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/01/94
MSD1/2AR17A
DT/etet/slh(dw)
MSD1-053194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1726-4
Project : 05100535, 1399 Wood
Street, Oakland
Analyzed : 05/31/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
A(E-1) Excavation A - Conf. Samples	Soil	James Jensen	05/31/94 1528	05/31/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			103.	

San Jose Lab Certifications: CAELAP #1204

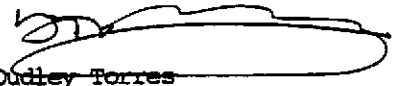
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/01/94
MSD1/2AR18A
DT/etet/slh(dw)
MSD1-053194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1726-5
Project : 05100535, 1399 Wood
Street, Oakland
Analyzed : 05/31/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
A(N-1) Excavation A - Conf. Samples	Soil	James Jensen	05/31/94 1532	05/31/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			105.	

San Jose Lab Certifications: CAELAP #1204

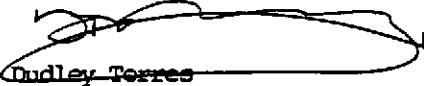
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/01/94
MSD1/2AR19A
DT/etet/slh(dw)
MSD1-053194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1726-6
Project : 05100535, 1399 Wood
Street, Oakland
Analyzed : 05/31/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
A(W-1) Excavation A - Conf. Samples	Soil	James Jensen	05/31/94 1546	05/31/94

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	2.	
Percent Surrogate Recovery			95.	

San Jose Lab Certifications: CAELAP #1204

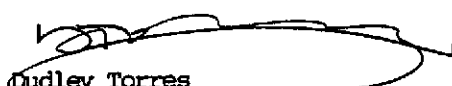
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/01/94
MSD1/2AR20A
DT/etet/slh(dw)
MSD1-053194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1726-7
Project : 05100535, 1399 Wood
Street, Oakland
Analyzed : 05/31/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
A(S-1) Excavation A - Conf. Samples	Soil	James Jensen	05/31/94 1554	05/31/94

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			100.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/01/94
MSD1/2AR21A
DT/etet/slh(dw)
MSD1-053194

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


DUDLEY TORRES
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1726-8
Project : 05100535, 1399 Wood
Street, Oakland
Analyzed : 05/31/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
A(S-2) Excavation A - Conf. Samples	Soil	James Jensen	05/31/94 1559	05/31/94

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			96.	

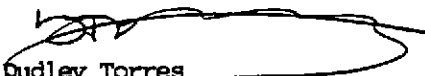
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/01/94
MSD1/2AR22A
DT/etet/slh(dw)
MSD1-053194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1726-9
Project : 05100535, 1399 Wood
Street, Oakland
Analyzed : 05/31/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
A(W-2) Excavation A - Conf. Samples	Soil	James Jensen	05/31/94 1603	05/31/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	2.	
Percent Surrogate Recovery			102.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/01/94
MSD1/2AR23A
DT/etet/slh(dw)
MSD1-053194

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


Budley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: MSD1-053194

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

Analyzed : 05/31/94
Analyzed by: ON
Method : As Listed

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
METHOD BLANK	Solid				
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE	
FUEL FINGERPRINT ANALYSIS					
Benzene		0.005	ND	1,2	
Toluene		0.005	ND		
Ethylbenzene		0.005	ND		
Xylenes		0.005	ND		
1,2-Dichloroethane		0.005	ND		
Ethylene dibromide		0.005	ND		
Total Petroleum Hydrocarbons (Gasoline)		1.	ND		
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND		
Percent Surrogate Recovery			90.		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/01/94
MSD1/2AR14A
DT/etet/slh(dw)
JK1726-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: MSD1-053194

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

Analyzed : 05/31/94
Analyzed by: ON
Method : As Listed

QC SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

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	0.1	0.093	93.	
Toluene	0.005	0.1	0.094	94.	
Ethylbenzene	0.005	0.1	0.11	110.	
Xylenes	0.005	0.1	0.1	100.	
1,2-Dichloroethane	0.005	0.1	0.093	93.	
Ethylene dibromide	0.005	0.1	0.1	100.	
Total Petroleum Hydrocarbons (Gasoline)	1.	2.5	2.8	112.	

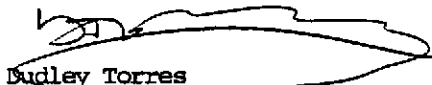
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/01/94
MSD1/2AR09A/12A
DT/etet/slh(dw)
JK1726-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: MSD1-053194

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

Analyzed : 05/31/94
Analyzed by: ON
Method : As Listed

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

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						
Benzene	0.005	0.1	0.095	95.	2.1	1,2
Toluene	0.005	0.1	0.094	94.	0.	
Ethylbenzene	0.005	0.1	0.097	97.	13.	
Xylenes	0.005	0.1	0.093	93.	7.3	
1,2-Dichloroethane	0.005	0.1	0.095	95.	2.1	
Ethylene dibromide	0.005	0.1	0.11	110.	9.5	
Total Petroleum Hydrocarbons (Gasoline)	1.	2.5	2.6	104.	7.4	

San Jose Lab Certifications: CAELAP #1204


*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/01/94
MSD1/2AR10A/13A
DT/etet/slh(dw)
JK1726-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1726-1
Project : 05100535, 1399 Wood
Street, Oakland
Analyzed : 05/31/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of A(A-1), A(A-2), A(A-3), Stockpile Soil Excavation A	Soil	James Jensen	05/31/94 COMP	05/31/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			101.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/01/94
MSD1/2AR15A
DT/etet/slh(dw)
MSD1-053194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1726-2
Project : 05100535, 1399 Wood
Street, Oakland
Analyzed : 05/31/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of A(B-1), A(B-2), A(B-3), Stockpile Soil Excavation A	Soil	James Jensen	05/31/94 COMP	05/31/94

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				
Benzene		0.005	ND	1,2
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			98.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/01/94
MSD1/2AR16A
DT/etet/slh(dw)
MSD1-053194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-1
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of A(C-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1514	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				
Acetone	(67641)	100.	ND	1
Benzene	(71432)	5.	ND	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	ND	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	
1,1-Dichloroethane	(75343)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

06/20/94
FIN1/061421A
DT/eta3(dw)/mcc
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-1
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of A(C-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1514	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethane	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	ND	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	ND	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	ND	
Toluene	(108883)	5.	ND	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	ND	
Trichlorofluoromethane	(75694)	5.	ND	
Trichlorotrifluoroethane	(76131)	30.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061421A
DT/eta3(dw)/mcc
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-1
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of A(C-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1514	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	ND	
Total Petroleum Hydrocarbons (Gasoline)		1000.	ND	
Total Petroleum Hydrocarbons (Diesel #2)		1000.	ND	
D4-DCA (% Surrogate Recovery #1)			105.	
D8-TOL (% Surrogate Recovery #2)			93.	
BFB (% Surrogate Recovery #3)			67.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061421A
DT/eta3(dw)/mcc
FIN1-061494S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-2
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of A(D-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1521	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	1000.	ND	
Benzene	(71432)	60.	ND	
Bromodichloromethane	(75274)	60.	ND	
Bromoform	(75252)	60.	ND	
Bromomethane	(74839)	60.	ND	
2-Butanone (MEK)	(78933)	600.	ND	
Carbon Disulfide	(75150)	100.	ND	
Carbon Tetrachloride	(56235)	60.	ND	
Chlorobenzene	(108907)	60.	ND	
Chloroethane	(75003)	60.	ND	
2-Chloroethyl Vinyl Ether	(110758)	600.	ND	
Chloroform	(67663)	100.	ND	
Chloromethane	(74873)	60.	ND	
Dibromochloromethane	(124481)	60.	ND	
1,2-Dichlorobenzene	(95501)	60.	ND	
1,3-Dichlorobenzene	(541731)	60.	ND	
1,4-Dichlorobenzene	(106467)	60.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) TPH is quantitated using diesel.

06/20/94
FIN1/061510A
DT/eta3(dw)/mcc
FIN1-061594S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-2
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of A(D-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1521	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	60.	ND	
1,2-Dichloroethane	(107062)	60.	ND	
1,1-Dichloroethene	(75354)	60.	ND	
cis-1,2-Dichloroethene	(156592)	60.	ND	
trans-1,2-Dichloroethene	(156605)	60.	ND	
1,2-Dichloropropane	(78875)	60.	ND	
cis-1,3-Dichloropropene	(100610105)	60.	ND	
trans-1,3-Dichloropropene	(10061026)	60.	ND	
Ethylbenzene	(100414)	60.	ND	
2-Hexanone	(591786)	400.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	400.	ND	
Methylene Chloride	(75092)	400.	ND	
Styrene	(100425)	60.	ND	
1,1,1,2-Tetrachloroethane	(79345)	60.	ND	
Tetrachloroethene	(127184)	60.	ND	
Toluene	(108883)	60.	ND	
1,1,1-Trichloroethane	(71556)	60.	ND	
1,1,2-Trichloroethane	(79005)	60.	ND	
Trichloroethene	(79016)	60.	ND	
Trichlorofluoromethane	(75694)	60.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061510A
DT/eta3(dw)/mcc
FIN1-061594S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-2
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

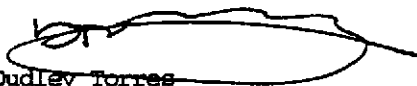
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of A(D-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1521	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	400.	ND	
Vinyl Acetate	(108054)	400.	ND	
Vinyl Chloride	(75014)	60.	ND	
Xylenes (total)	(1330207)	60.	2100.	
Total Petroleum Hydrocarbons (C7 - C15)		10000.	6400000.	
D4-DCA (% Surrogate Recovery #1)			92.	
D8-TOL (% Surrogate Recovery #2)			95.	
BFB (% Surrogate Recovery #3)			102.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061510A
DT/eta3(dw)/mcc
FIN1-061594S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-1
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED		
Composite of A(C-1,-2,-3,-4)	Soil	James Jensen		06/08/94 1514	06/09/94		
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	5.0	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	280.	mg/Kg	EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	1.6	mg/Kg	EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	30.	mg/Kg	EPA 6010	06/15/94	KP	1
Lead, Total	1.	360.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.20	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	1.0	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-2
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
Composite of A(D-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1521	06/09/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	4.3	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	210.	mg/Kg	EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	8.1	mg/Kg	EPA 6010	06/15/94	KP	1
Lead, Total	1.	160.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.11	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.8	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1740-1
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/01/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(W-1), Excavation Sample	Soil	James Jensen	06/01/94 1428	06/01/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			103.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/02/94
MSD1/2AR33A
DT/eta3(dw)/on
MSD1-060194

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

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1740-2
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/01/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(N-1), Excavation Sample	Soil	James Jensen	06/01/94 1438	06/01/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			98.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/02/94
MSD1/2AR34A
DT/eta3(dw)/on
MSD1-060194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1761-1
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/02/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(W-2), Excavation Sample	Soil	James Jensen	06/01/94 1628	06/02/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			99.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/03/94
MSD1/2AR48A
DT/eta3(dw)/on
MSD1-060294

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1761-2
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/02/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(W-3), Excavation Sample	Soil	James Jensen	06/01/94 1631	06/02/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			101.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/03/94
MSD1/2AR52A
DT/eta3(dw)/on
MSD1-060294

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1761-3
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/02/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(W-4), Excavation Sample	Soil	James Jensen	06/01/94 1639	06/02/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			103.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/03/94
MSD1/2AR50A
DT/eta3(dw)/on
MSD1-060294

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1761-4
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/02/94
Analyzed by: CN
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(S-1), Excavation Sample	Soil	James Jensen	06/01/94 1649	06/02/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	0.009	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			105.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/03/94
MSD1/2AR49A
DT/eta3(dw)/cn
MSD1-060294

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: MSD1-060294

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

Analyzed : 06/02/94
Analyzed by: ON
Method : As Listed

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
METHOD BLANK	Solid				
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE	
FUEL FINGERPRINT ANALYSIS					
Benzene		0.005	ND	1,2	
Toluene		0.005	ND		
Ethylbenzene		0.005	ND		
Xylenes		0.005	ND		
1,2-Dichloroethane		0.005	ND		
Ethylene dibromide		0.005	ND		
Total Petroleum Hydrocarbons (Gasoline)		1.	ND		
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND		
Percent Surrogate Recovery			96.		

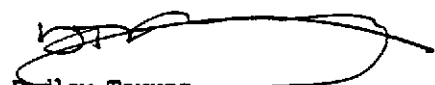
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/03/94
MSD1/2AR43A
DT/eta3(dw)/on
JK1761-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: MSD1-060294

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

Analyzed : 06/02/94
Analyzed by: ON
Method : As Listed

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

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	0.1	0.089	89.	
Toluene	0.005	0.1	0.092	92.	
Ethylbenzene	0.005	0.1	0.12	120.	
Xylenes	0.005	0.1	0.11	110.	
1,2-Dichloroethane	0.005	0.1	0.081	81.	
Ethylene dibromide	0.005	0.1	0.089	89.	
Total Petroleum Hydrocarbons (Gasoline)	1.	2.5	2.8	112.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/03/94
MSD1/2AR38A/41A
DT/eta3(dw)/on
JKL761-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: MSD1-060294

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

Analyzed : 06/02/94
Analyzed by: ON
Method : As Listed

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

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	0.1	0.089	89.	0.	
Toluene	0.005	0.1	0.09	90.	2.2	
Ethylbenzene	0.005	0.1	0.1	100.	18.	
Xylenes	0.005	0.1	0.1	100.	9.5	
1,2-Dichloroethane	0.005	0.1	0.086	86.	6.	
Ethylene dibromide	0.005	0.1	0.092	92.	3.3	
Total Petroleum Hydrocarbons (Gasoline)	1.	2.5	2.6	104.	7.4	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/03/94
MSD1/2AR39A/42A
DT/eta3(dw)/on
JK1761-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1769-1
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(S-2), Excavation Sample	Soil	James Jensen	06/03/94 0920	06/03/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	0.074	
Toluene		0.005	0.009	
Ethylbenzene		0.005	ND	
Xylenes		0.005	0.034	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			99.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/06/94
MSD1/2AR64A
DT/mcca3(dw)/on
MSD1-060394

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

M. Torres
Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1769-2
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(S-3), Excavation Sample	Soil	James Jensen	06/03/94 0930	06/03/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			104.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/06/94
MSD1/2AR65A
DT/mcca3(dw)/on
MSD1-060394

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

M. Torres
Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1769-5
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(S-4), Excavation Sample	Soil	James Jensen	06/03/94 1410	06/03/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	0.067	
Toluene		0.005	0.006	
Ethylbenzene		0.005	ND	
Xylenes		0.005	0.019	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	4.	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			108.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/06/94
MSD1/2AR75A
DT/mcca3(dw)/on
MSD1-060394

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

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1769-6
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(S-5), Excavation Sample	Soil	James Jensen	06/03/94 1415	06/03/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2,3
Benzene		0.3	0.5	
Toluene		0.3	ND	
Ethylbenzene		0.3	2.0	
Xylenes		0.3	0.6	
1,2-Dichloroethane		0.3	ND	
Ethylene dibromide		0.3	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	550.	
Total Petroleum Hydrocarbons (Diesel 2)		50.	ND	
Percent Surrogate Recovery			89.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)
- (3) Elevated PQLs due to sample dilution.

06/06/94
MSD1/2AR70A
DT/mcca3(dw)/on
MSD1-060394

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1769-7
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(S-6), Excavation Sample	Soil	James Jensen	06/03/94 1420	06/03/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2,3
Benzene		0.1	0.1	
Toluene		0.1	ND	
Ethylbenzene		0.1	0.4	
Xylenes		0.1	1.0	
1,2-Dichloroethane		0.1	ND	
Ethylene dibromide		0.1	ND	
Total Petroleum Hydrocarbons (Gasoline)		20.	40.	
Total Petroleum Hydrocarbons (Diesel 2)		20.	ND	
Percent Surrogate Recovery			96.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)
- (3) Elevated PQLs due to sample dilution.

06/06/94
MSD1/2AR74A
DT/mcca3(dw)/on
MSD1-060394

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

M. Torres
Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1769-3
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(E-1), Excavation Sample	Soil	James Jensen	06/03/94 0935	06/03/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			106.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/06/94
MSD1/2AR66A
DT/mcca3(dw)/on
MSD1-060394

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1769-4
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(E-2), Excavation Sample	Soil	James Jensen	06/03/94 1340	06/03/94

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			104.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/06/94
MSD1/2AR67A
DT/mcca3(dw)/on
MSD1-060394

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

Dudley Torres
Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1769-8
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(E-3), Excavation Sample	Soil	James Jensen	06/03/94 1345	06/03/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			99.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/06/94
MSD1/2AR68A
DT/mcca3(dw)/on
MSD1-060394

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

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1769-9
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(E-4), Excavation Sample	Soil	James Jensen	06/03/94 1350	06/03/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	0.011	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			103.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the Listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/06/94
MSD1/2AR69A
DT/mcca3 (dw) /on
MSD1-060394

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

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1769-10
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(N-2), Excavation Sample	Soil	James Jensen	06/03/94 1355	06/03/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2,3
Benzene		0.3	0.4	
Toluene		0.3	ND	
Ethylbenzene		0.3	0.9	
Xylenes		0.3	5.2	
1,2-Dichloroethane		0.3	ND	
Ethylene dibromide		0.3	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	1800.	
Total Petroleum Hydrocarbons (Diesel 2)		50.	ND	
Percent Surrogate Recovery			83.	

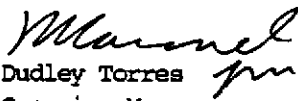
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)
- (3) Elevated PQLs due to sample dilution.

06/06/94
MSD1/2AR71A
DT/mcca3(dw)/on
MSD1-060394

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1769-11
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(N-3), Excavation Sample	Soil	James Jensen	06/03/94 1400	06/03/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2,3
Benzene		0.3	3.4	
Toluene		0.3	8.8	
Ethylbenzene		0.3	13.	
Xylenes		0.3	100.	
1,2-Dichloroethane		0.3	ND	
Ethylene dibromide		0.3	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	3600.	
Total Petroleum Hydrocarbons (Diesel 2)		50.	ND	
Percent Surrogate Recovery			77.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)
- (3) Elevated PQLs due to sample dilution.

06/06/94
MSD1/2AR72A
DT/mcca3(dw)/on
MSD1-060394

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

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: MSD1-060394

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

Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

QC SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

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	0.10	0.084	84.	
Toluene	0.005	0.10	0.084	84.	
Ethylbenzene	0.005	0.10	0.11	110.	
Xylenes	0.005	0.10	0.097	97.	
1,2-Dichloroethane	0.005	0.10	0.078	78.	
Ethylene dibromide	0.005	0.10	0.084	84.	
Total Petroleum Hydrocarbons (Gasoline)	1.	2.5	2.1	84.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/06/94
MSD1/2AR58A/62A
DT/mcca3(dw)/on
JK1769-2

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

QC Batch ID: MSD1-060394

Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

QC SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

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						
Benzene	0.005	0.10	0.094	94.	11.	1,2
Toluene	0.005	0.10	0.094	94.	11.	
Ethylbenzene	0.005	0.10	0.11	110.	0.	
Xylenes	0.005	0.10	0.1	100.	3.	
1,2-Dichloroethane	0.005	0.10	0.091	91.	15.	
Ethylene dibromide	0.005	0.10	0.11	110.	27.	
Total Petroleum Hydrocarbons (Gasoline)	1.	2.5	2.2	88.	4.7	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/06/94
MSD1/2AR59A/63A
DT/mcca3(dw)/on
JK1769-2

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

Dudley Torres
Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: MSD1-060394

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

Analyzed : 06/03/94
Analyzed by: ON
Method : As Listed

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
METHOD BLANK	Solid				
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE	
FUEL FINGERPRINT ANALYSIS					
Benzene		0.005	ND	1,2	
Toluene		0.005	ND		
Ethylbenzene		0.005	ND		
Xylenes		0.005	ND		
1,2-Dichloroethane		0.005	ND		
Ethylene dibromide		0.005	ND		
Total Petroleum Hydrocarbons (Gasoline)		1.	ND		
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND		
Percent Surrogate Recovery			93.		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/06/94
MSD1/2AR61A
DT/mcca3(dw)/on
JK1769-2

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

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1770-1
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/07/94
Analyzed by: TN
Method : EPA 8080

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(E-3), Excavation Sample (JK1769-8)	Soil	James Jensen	06/03/94 1345	06/03/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				1
Aroclor 1016	(12674112)	0.05	ND	
Aroclor 1221	(11104282)	0.05	ND	
Aroclor 1232	(11141165)	0.05	ND	
Aroclor 1242	(53469219)	0.05	ND	
Aroclor 1248	(12672296)	0.05	ND	
Aroclor 1254	(11097691)	0.05	ND	
Aroclor 1260	(11096825)	0.05	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/06/94 by AC using EPA 3550

06/08/94
ECD1-606B031
DT/eta3(dw)/ttn
PCB060694

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1770-2
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/07/94
Analyzed by: TN
Method : EPA 8080

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(E-4), Excavation Sample (JK1769-9)	Soil	James Jensen	06/03/94 1350	06/03/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				1
Aroclor 1016	(12674112)	0.05	ND	
Aroclor 1221	(11104282)	0.05	ND	
Aroclor 1232	(11141165)	0.05	ND	
Aroclor 1242	(53469219)	0.05	ND	
Aroclor 1248	(12672296)	0.05	ND	
Aroclor 1254	(11097691)	0.05	ND	
Aroclor 1260	(11096825)	0.05	ND	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/06/94 by AC using EPA 3550

06/08/94
ECD1-606B032
DT/eta3(dw)/ttn
PCB060694

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1770-3
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/07/94
Analyzed by: TN
Method : EPA 8080

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(N-2), Excavation Sample (JK1769-10)	Soil	James Jensen	06/03/94 1355	06/03/94

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				1
Aroclor 1016	(12674112)	0.05	ND	
Aroclor 1221	(11104282)	0.05	ND	
Aroclor 1232	(11141165)	0.05	ND	
Aroclor 1242	(53469219)	0.05	ND	
Aroclor 1248	(12672296)	0.05	ND	
Aroclor 1254	(11097691)	0.05	ND	
Aroclor 1260	(11096825)	0.05	ND	

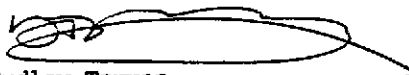
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/06/94 by AC using EPA 3550

06/08/94
ECD1-606B033
DT/eta3(dw)/ttn
PCB060694

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1770-4
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/07/94
Analyzed by: TN
Method : EPA 8080

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(N-3), Excavation Sample (JK1769-11)	Soil	James Jensen	06/03/94 1400	06/03/94

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

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/06/94 by AC using EPA 3550

06/08/94
ECD1-606B034
DT/eta3(dw)/ttn
PCB060694

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

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: PCB060694

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

Analyzed : 06/07/94
Analyzed by: TN
Method : EPA 8080

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
METHOD BLANK	Solid				
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE	
POLYCHLORINATED BIPHENYLS (PCBs)					
Aroclor 1016	(12674112)	0.05	ND	1	
Aroclor 1221	(11104282)	0.05	ND		
Aroclor 1232	(11141165)	0.05	ND		
Aroclor 1242	(53469219)	0.05	ND		
Aroclor 1248	(12672296)	0.05	ND		
Aroclor 1254	(11097691)	0.05	ND		
Aroclor 1260	(11096825)	0.05	ND		


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/06/94 by AC using EPA 3550

06/08/94
ECD1-606B028
DT/eta3(dw)/ttn
JK1770-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: PCB060694

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

Analyzed : 06/07/94
Analyzed by: TN
Method : EPA 8080

QC SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED	
QC SPIKE	Solid				
CONSTITUENT	*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)					1
Aroclor 1254	0.05	0.17	0.13	76.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 06/06/94 by AC using EPA 3550

06/08/94
ECD1-606B029
DT/eta3(dw)/ttn
JKL770-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: PCB060694

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

Analyzed : 06/07/94
Analyzed by: TN
Method : EPA 8080

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED		
QC SPIKE DUPLICATE	Solid					
CONSTITUENT	*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	%DIFF	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)						
Aroclor 1254	0.05	0.17	0.15	88.	14.	1


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/06/94 by AC using EPA 3550

06/08/94
ECD1-606B030
DT/eta3(dw)/ttn
JK1770-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1798-1
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/07/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(N-4), Excavation Sample	Soil	James Jensen	06/06/94 1639	06/06/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	0.015	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	0.1	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			102.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

RECEIVED

JUN 09 1994

INDUSTRIAL COMPLIANCE

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

Dudley Torres
Organics Manager

06/07/94
MSD1/2AR96A
DT/eta3(dw)/on
MSD1-060794

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1798-2
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/07/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(N-5), Excavation Sample	Soil	James Jensen	06/06/94 1659	06/06/94

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				
Benzene		1.	ND	1,2
Toluene		1.	ND	
Ethylbenzene		1.	51.	
Xylenes		1.	3.	
1,2-Dichloroethane		1.	ND	
Ethylene dibromide		1.	ND	
Total Petroleum Hydrocarbons (Gasoline)		200.	13000.	
Total Petroleum Hydrocarbons (Diesel 2)		200.	ND	
Percent Surrogate Recovery			87.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/07/94
MSD1/2AR98A
DT/eta3(dw)/on
MSD1-060794

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1798-3
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/07/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(S-7), Excavation Sample	Soil	James Jensen	06/06/94 1710	06/06/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			100.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/07/94
MSD1/2AR97A
DT/eta3(dw)/on
MSD1-060794

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1799-1
Project : 05100535, Wood St.
Oakland
Analyzed : 06/08/94
Analyzed by: TN
Method : EPA 8080

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(N-4), Excavation Sample (JK1798-1)	Soil	James Jensen	06/06/94 1639	06/06/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				1
Aroclor 1016	(12674112)	0.05	ND	
Aroclor 1221	(11104282)	0.05	ND	
Aroclor 1232	(11141165)	0.05	ND	
Aroclor 1242	(53469219)	0.05	ND	
Aroclor 1248	(12672296)	0.05	ND	
Aroclor 1254	(11097691)	0.05	ND	
Aroclor 1260	(11096825)	0.05	ND	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/08/94 by AC using EPA 3550

06/09/94
ECD1-607B014
DT/eta3(dw)/ttn
PCB060794

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1799-2
Project : 05100535, Wood St.
Oakland
Analyzed : 06/08/94
Analyzed by: TN
Method : EPA 8080

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
B(N-5), Excavation Sample (JK1798-2)	Soil	James Jensen	06/06/94 1659	06/06/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				1
Aroclor 1016	(12674112)	0.05	ND	
Aroclor 1221	(11104282)	0.05	ND	
Aroclor 1232	(11141165)	0.05	ND	
Aroclor 1242	(53469219)	0.05	ND	
Aroclor 1248	(12672296)	0.05	ND	
Aroclor 1254	(11097691)	0.05	ND	
Aroclor 1260	(11096825)	0.05	ND	

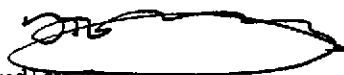
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/07/94 by AC using EPA 3550

06/09/94
ECD1-607B015
DT/eta3(dw)/ttn
PCB060794

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: PCB060794

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

Analyzed : 06/08/94
Analyzed by: TN
Method : EPA 8080

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
--------------------	--------	------------	-----------------------

METHOD BLANK	Solid		
--------------	-------	--	--

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				1
Aroclor 1016	(12674112)	0.05	ND	
Aroclor 1221	(11104282)	0.05	ND	
Aroclor 1232	(11141165)	0.05	ND	
Aroclor 1242	(53469219)	0.05	ND	
Aroclor 1248	(12672296)	0.05	ND	
Aroclor 1254	(11097691)	0.05	ND	
Aroclor 1260	(11096825)	0.05	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/07/94 by AC using EPA 3550

06/09/94
ECD1-607B011
DT/eta3(dw)/ttn
JK1799-2

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

QC Batch ID: PCB060794

Analyzed : 06/08/94
Analyzed by: TN
Method : EPA 8080

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED	
QC SPIKE	Solid				
CONSTITUENT	*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)					
Aroclor 1254	0.05	0.17	0.12	71.	1


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/07/94 by AC using EPA 3550

06/09/94
ECD1-607B012
DT/eta3(dw)/ttn
JK1799-2

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: PCB060794

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

Analyzed : 06/08/94
Analyzed by: TN
Method : EPA 8080

QC SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED			
QC SPIKE DUPLICATE	Solid						
CONSTITUENT	*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	%DIFF	NOTE	
POLYCHLORINATED BIPHENYLS (PCBs)							
Aroclor 1254	0.05	0.17	0.13	76.	8.	1	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the Listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 06/07/94 by AC using EPA 3550

06/09/94
ECD1-607B013
DT/eta3(dw)/ttn
JK1799-2

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1740-3
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/01/94
Analyzed by: CN
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(A-1,-2 & -3), Stockpile Samples	Soil	James Jensen	06/01/94 1437	06/01/94

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			97.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/02/94
MSD1/2AR35A
DT/eta3(dw)/cn
MSD1-060194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1740-4
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/01/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(B-1,-2 & -3), Stockpile Samples	Soil	James Jensen	06/01/94 1445	06/01/94

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
FUEL FINGERPRINT ANALYSIS				
Benzene		0.005	0.007	1,2
Toluene		0.005	0.024	
Ethylbenzene		0.005	0.049	
Xylenes		0.005	0.32	
1,2-Dichloroethane		0.005	ND	
Ethylene dibromide		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	9.	
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND	
Percent Surrogate Recovery			95.	

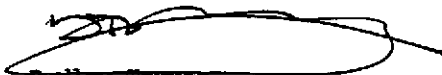
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/02/94
MSD1/2AR36A
DT/eta3(dw)/on
MSD1-060194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: MSD1-060194

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

Analyzed : 06/01/94
Analyzed by: ON
Method : As Listed

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

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		0.005	ND		
Toluene		0.005	ND		
Ethylbenzene		0.005	ND		
Xylenes		0.005	ND		
1,2-Dichloroethane		0.005	ND		
Ethylene dibromide		0.005	ND		
Total Petroleum Hydrocarbons (Gasoline)		1.	ND		
Total Petroleum Hydrocarbons (Diesel 2)		1.	ND		
Percent Surrogate Recovery			93.		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/02/94
MSD1/2AR31A
DT/eta3(dw)/on
JKL740-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: MSD1-060194

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

Analyzed : 06/01/94
Analyzed by: ON
Method : As Listed

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

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	0.1	0.089	89.	
Toluene		0.005	0.1	0.094	94.	
Ethylbenzene		0.005	0.1	0.1	100.	
Xylenes		0.005	0.1	0.1	100.	
1,2-Dichloroethane		0.005	0.1	0.084	84.	
Ethylene dibromide		0.005	0.1	0.093	93.	
Total Petroleum Hydrocarbons (Gasoline)		1.	2.5	3.	120.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/02/94
MSD1/2AR26A/29A
DT/eta3(dw)/on
JK1740-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

QC Batch ID: MSD1-060194

Analyzed : 06/01/94
Analyzed by: ON
Method : As Listed

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

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						
Benzene	0.005	0.1	0.09	90.	1.1	1,2
Toluene	0.005	0.1	0.092	92.	2.2	
Ethylbenzene	0.005	0.1	0.1	100.	0.	
Xylenes	0.005	0.1	0.098	98.	2.	
1,2-Dichloroethane	0.005	0.1	0.09	90.	6.9	
Ethylene dibromide	0.005	0.1	0.11	110.	17.	
Total Petroleum Hydrocarbons (Gasoline)	1.	2.5	3.	120.	0.	

San Jose Lab Certifications: CAELAP #1204

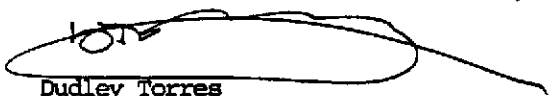
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

06/02/94
MSD1/2AR27A/30A
DT/eta3(dw)/on
JK1740-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-3
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(C-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1052	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	100.	ND	
Benzene	(71432)	5.	ND	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	ND	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) TPH is quantitated using diesel.

06/20/94
FIN1/061611A
DT/eta3(dw)/mcc/mtm
FIN2-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-3
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(C-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1052	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	5.	ND	
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethene	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	ND	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	ND	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	ND	
Toluene	(108883)	5.	ND	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	ND	
Trichlorofluoromethane	(75694)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061611A
DT/eta3(dw)/mcc/mtm
FIN2-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-3
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(C-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1052	06/09/94

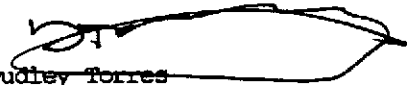
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	ND	
Total Petroleum Hydrocarbons (C7 - C16)		1000.	120000.	
D4-DCA (% Surrogate Recovery #1)			85.	
D8-TOL (% Surrogate Recovery #2)			106.	
BFB (% Surrogate Recovery #3)			88.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061611A
DT/eta3(dw)/mcc/mtm
FIN2-061694S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-4
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(D-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1059	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	100.	ND	
Benzene	(71432)	5.	ND	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	ND	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) TPH is quantitated using diesel.

06/20/94
FIN1/061422A
DT/eta3(dw)/mcc
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-4
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(D-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1059	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	5.	ND	
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethene	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	ND	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	ND	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	10.	
Toluene	(108883)	5.	ND	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	ND	
Trichlorofluoromethane	(75694)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061422A
DT/eta3(dw)/mcc
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-4
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(D-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1059	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	15.	
Total Petroleum Hydrocarbons (C7 - C16)		1000.	680000.	
D4-DCA (% Surrogate Recovery #1)			110.	
D8-TOL (% Surrogate Recovery #2)			94.	
BFB (% Surrogate Recovery #3)			111.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061422A
DT/eta3(dw)/mcc
FIN1-061494S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-5
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(E-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1106	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	100.	ND	
Benzene	(71432)	5.	ND	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	ND	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) TPH is quantitated using diesel.

06/20/94
FIN1/061418A
DT/eta3(dw)/mcc/mtm
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-5
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(E-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1106	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	5.	ND	
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethene	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	ND	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	ND	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	29.	
Toluene	(108883)	5.	ND	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	7.	
Trichlorofluoromethane	(75694)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061418A
DT/eta3(dw)/mcc/mtm
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-5
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

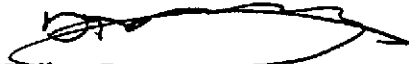
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(E-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1106	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	ND	
Total Petroleum Hydrocarbons (C7 - C16)		1000.	29000.	
D4-DCA (% Surrogate Recovery #1)			111.	
D8-TOL (% Surrogate Recovery #2)			92.	
BFB (% Surrogate Recovery #3)			89.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061418A
DT/eta3(dw)/mcc/mcm
FIN1-061494S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-6
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(F-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1114	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	100.	ND	
Benzene	(71432)	5.	ND	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	ND	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) TPH is quantitated using diesel.

06/20/94
FIN1/061616A
DT/eta3(dw)/mcc
FIN1-061694W

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-6
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(F-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1114	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	5.	ND	
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethene	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	ND	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	ND	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,1,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	ND	
Toluene	(108883)	5.	ND	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	ND	
Trichlorofluoromethane	(75694)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061616A
DT/eta3(dw)/mcc
FIN1-061694W

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-6
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

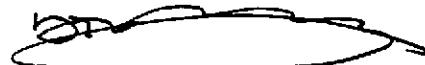
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(F-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1114	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	ND	
Total Petroleum Hydrocarbons (C7 - C16)		1000.	700000.	
D4-DCA (% Surrogate Recovery #1)			96.	
D8-TOL (% Surrogate Recovery #2)			107.	
BFB (% Surrogate Recovery #3)			94.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061616A
DT/eta3(dw)/mcc
FIN1-061694W

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-7
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(G-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1138	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	100.	ND	
Benzene	(71432)	5.	ND	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	ND	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) 5030
- (2) TPH is quantitated using diesel.

06/20/94
FIN1/0614119A/061520
DT/eta3(dw)/mcc
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-7
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(G-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1138	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	5.	ND	
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethene	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	ND	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	19.	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	110.	
Toluene	(108883)	5.	84.	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	ND	
Trichlorofluoromethane	(75694)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/0614119A/061520
DT/eta3(dw)/mcc
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-7
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

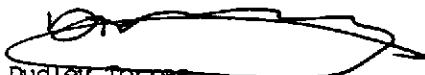
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(G-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1138	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	4900.	
Total Petroleum Hydrocarbons (C7 - C15)		1000.	2900000.	
D4-DCA (% Surrogate Recovery #1)			114.	
D8-TOL (% Surrogate Recovery #2)			109.	
BFB (% Surrogate Recovery #3)			120.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/0614119A/061520
DT/eta3(dw)/mcc
FIN1-061494S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-8
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(H-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1226	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	100.	ND	
Benzene	(71432)	5.	58.	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	13.	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) TPH is quantitated using diesel.

06/20/94

FIN1/061420A/061511A

DT/eta3(dw)/mcc

FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-8
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(H-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1226	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	5.	ND	
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethene	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	280.	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	35.	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	2600.	
Toluene	(108883)	5.	83.	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	150.	
Trichlorofluoromethane	(75694)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061420A/061511A
DT/eta3(dw)/mcc
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-8
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

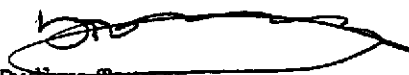
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(H-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1226	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	190.	
Total Petroleum Hydrocarbons (C7 - C16)		1000.	2200000.	
D4-DCA (% Surrogate Recovery #1)			121.	
D8-TOL (% Surrogate Recovery #2)			130.	
BFB (% Surrogate Recovery #3)			160.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061420A/061511A
DT/eta3(dw)/mcc
FIN1-061494S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-9
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(I-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1245	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	1000.	ND	
Benzene	(71432)	60.	ND	
Bromodichloromethane	(75274)	60.	ND	
Bromoform	(75252)	60.	ND	
Bromomethane	(74839)	60.	ND	
2-Butanone (MEK)	(78933)	600.	ND	
Carbon Disulfide	(75150)	100.	ND	
Carbon Tetrachloride	(56235)	60.	ND	
Chlorobenzene	(108907)	60.	ND	
Chloroethane	(75003)	60.	ND	
2-Chloroethyl Vinyl Ether	(110758)	600.	ND	
Chloroform	(67663)	100.	ND	
Chloromethane	(74873)	60.	ND	
Dibromochloromethane	(124481)	60.	ND	
1,2-Dichlorobenzene	(95501)	60.	ND	
1,3-Dichlorobenzene	(541731)	60.	ND	
1,4-Dichlorobenzene	(106467)	60.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) TPH is quantitated using diesel.

06/20/94

FIN1/061426A/061512A

DT/eta3(dw)/mcc/mtm

FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-9
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(I-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1245	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	60.	ND	
1,2-Dichloroethane	(107062)	60.	ND	
1,1-Dichloroethene	(75354)	60.	ND	
cis-1,2-Dichloroethene	(156592)	60.	940.	
trans-1,2-Dichloroethene	(156605)	60.	ND	
1,2-Dichloropropane	(78875)	60.	ND	
cis-1,3-Dichloropropene	(100610105)	60.	ND	
trans-1,3-Dichloropropene	(10061026)	60.	ND	
Ethylbenzene	(100414)	60.	860.	
2-Hexanone	(591786)	400.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	400.	ND	
Methylene Chloride	(75092)	400.	ND	
Styrene	(100425)	60.	ND	
1,1,2,2-Tetrachloroethane	(79345)	60.	ND	
Tetrachloroethene	(127184)	60.	100000.	
Toluene	(108883)	60.	460.	
1,1,1-Trichloroethane	(71556)	60.	ND	
1,1,2-Trichloroethane	(79005)	60.	ND	
Trichloroethene	(79016)	60.	1200.	
Trichlorofluoromethane	(75694)	60.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061426A/061512A
DT/eta3(dw)/mcc/mtm
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-9
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

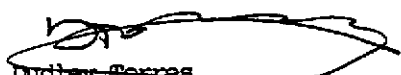
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(I-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1245	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	400.	ND	
Vinyl Acetate	(108054)	400.	ND	
Vinyl Chloride	(75014)	60.	ND	
Xylenes (total)	(1330207)	60.	3500.	
Total Petroleum Hydrocarbons (C7 - C16)		10000.	53000.	
D4-DCA (% Surrogate Recovery #1)			107.	
D8-TOL (% Surrogate Recovery #2)			108.	
BFB (% Surrogate Recovery #3)			109.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061426A/061512A
DT/eta3(dw)/mcc/mtm
FIN1-061494S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-10
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(J-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1257	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	100.	ND	
Benzene	(71432)	5.	ND	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	ND	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) TPH is quantitated using diesel.

06/20/94

FIN1/061424A

DT/eta3(dw)/mcc

FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-10
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(J-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1257	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	5.	ND	
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethene	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	ND	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	70.	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	430.	
Toluene	(108883)	5.	32.	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	ND	
Trichlorofluoromethane	(75694)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061424A
DT/eta3(dw)/mcc
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-10
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3


SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(J-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1257	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	320.	
Total Petroleum Hydrocarbons (C7 - C16)		1000.	310000.	
D4-DCA (% Surrogate Recovery #1)			100.	
D8-TOL (% Surrogate Recovery #2)			102.	
BFB (% Surrogate Recovery #3)			95.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061424A
DT/eta3(dw)/mcc
FIN1-061494S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-11
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(K-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1355	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	100.	ND	
Benzene	(71432)	5.	88.	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	ND	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) TPH is quantitated using diesel.

06/20/94
FIN1/061423A/061513A
DT/eta3(dw)/mcc/mtm
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-11
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(K-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1355	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	5.	ND	
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethene	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	440.	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	38.	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	130000.	
Toluene	(108883)	5.	160.	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	1100.	
Trichlorofluoromethane	(75694)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061423A/061513A
DT/eta3(dw)/mcc/mtm
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-11
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

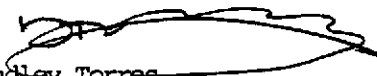
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(K-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1355	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	560.	
Total Petroleum Hydrocarbons (C7 - C16)		1000.	540000.	
D4-DCA (% Surrogate Recovery #1)			107.	
D8-TOL (% Surrogate Recovery #2)			103.	
BFB (% Surrogate Recovery #3)			120.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061423A/061513A
DT/eta3(dw)/mcc/mcm
FIN1-061494S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-12
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED
Composite of B(L-1,-2,-3,-4)	Soil	James Jensen		06/08/94 1336	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE	
VOLATILE ORGANIC COMPOUNDS					1,2
Acetone	(67641)	1000.	ND		
Benzene	(71432)	50.	520.		
Bromodichloromethane	(75274)	50.	ND		
Bromoform	(75252)	50.	ND		
Bromomethane	(74839)	50.	ND		
2-Butanone (MEK)	(78933)	500.	ND		
Carbon Disulfide	(75150)	100.	ND		
Carbon Tetrachloride	(56235)	50.	ND		
Chlorobenzene	(108907)	50.	ND		
Chloroethane	(75003)	50.	ND		
2-Chloroethyl Vinyl Ether	(110758)	500.	ND		
Chloroform	(67663)	100.	ND		
Chloromethane	(74873)	50.	ND		
Dibromochloromethane	(124481)	50.	ND		
1,2-Dichlorobenzene	(95501)	50.	ND		
1,3-Dichlorobenzene	(541731)	50.	ND		
1,4-Dichlorobenzene	(106467)	50.	ND		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) 5030
- (2) TPH is quantitated using diesel.

06/20/94
FIN1/061425A/061514A
DT/eta3(dw)/mcc
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-12
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(L-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1336	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	50.	ND	
1,2-Dichloroethane	(107062)	50.	ND	
1,1-Dichloroethene	(75354)	50.	ND	
cis-1,2-Dichloroethene	(156592)	50.	840.	
trans-1,2-Dichloroethene	(156605)	50.	ND	
1,2-Dichloropropane	(78875)	50.	ND	
cis-1,3-Dichloropropene	(100610105)	50.	ND	
trans-1,3-Dichloropropene	(10061026)	50.	ND	
Ethylbenzene	(100414)	50.	6200.	
2-Hexanone	(591786)	300.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	300.	ND	
Methylene Chloride	(75092)	300.	ND	
Styrene	(100425)	50.	ND	
1,1,2,2-Tetrachloroethane	(79345)	50.	ND	
Tetrachloroethene	(127184)	50.	17000.	
Toluene	(108883)	50.	5500.	
1,1,1-Trichloroethane	(71556)	50.	ND	
1,1,2-Trichloroethane	(79005)	50.	ND	
Trichloroethene	(79016)	50.	580.	
Trichlorofluoromethane	(75694)	50.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061425A/061514A
DT/eta3(dw)/mcc
FIN1-061494S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-12
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

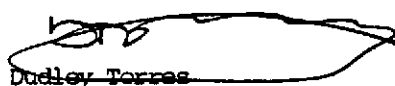
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(L-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1336	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	300.	ND	
Vinyl Acetate	(108054)	300.	ND	
Vinyl Chloride	(75014)	50.	ND	
Xylenes (total)	(1330207)	50.	76000.	
Total Petroleum Hydrocarbons (C7 - C15)		10000.	13000000.	
D4-DCA (% Surrogate Recovery #1)			127.	
D8-TOL (% Surrogate Recovery #2)			141.	
BFB (% Surrogate Recovery #3)			132.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061425A/061514A
DT/eta3(dw)/mcc
FIN1-061494S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-13
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(M-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1321	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1
Acetone	(67641)	10000.	ND	
Benzene	(71432)	600.	ND	
Bromodichloromethane	(75274)	600.	ND	
Bromoform	(75252)	600.	ND	
Bromomethane	(74839)	600.	ND	
2-Butanone (MEK)	(78933)	6000.	ND	
Carbon Disulfide	(75150)	1000.	ND	
Carbon Tetrachloride	(56235)	600.	ND	
Chlorobenzene	(108907)	600.	ND	
Chloroethane	(75003)	600.	ND	
2-Chloroethyl Vinyl Ether	(110758)	6000.	ND	
Chloroform	(67663)	1000.	ND	
Chloromethane	(74873)	600.	ND	
Dibromochloromethane	(124481)	600.	ND	
1,2-Dichlorobenzene	(95501)	600.	ND	
1,3-Dichlorobenzene	(541731)	600.	ND	
1,4-Dichlorobenzene	(106467)	600.	ND	
1,1-Dichloroethane	(75343)	600.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

06/20/94

FIN2/061516A/061604A

DT/eta3(dw)/mcc/mtm

FIN1-061594S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-13
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(M-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1321	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,2-Dichloroethane	(107062)	600.	ND	
1,1-Dichloroethene	(75354)	600.	ND	
cis-1,2-Dichloroethene	(156592)	600.	4800.	
trans-1,2-Dichloroethene	(156605)	600.	ND	
1,2-Dichloropropane	(78875)	600.	ND	
cis-1,3-Dichloropropane	(100610105)	600.	ND	
trans-1,3-Dichloropropane	(10061026)	600.	ND	
Ethylbenzene	(100414)	600.	11000.	
2-Hexanone	(591786)	4000.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	4000.	ND	
Methylene Chloride	(75092)	4000.	ND	
Styrene	(100425)	600.	ND	
1,1,2,2-Tetrachloroethane	(79345)	600.	ND	
Tetrachloroethene	(127184)	600.	2100000.	
Toluene	(108883)	600.	15000.	
1,1,1-Trichloroethane	(71556)	600.	ND	
1,1,2-Trichloroethane	(79005)	600.	ND	
Trichloroethene	(79016)	600.	ND	
Trichlorofluoromethane	(75694)	600.	ND	
Trichlorotrifluoroethane	(76131)	4000.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN2/061516A/061604A
DT/eta3(dw)/mcc/mcm
FIN1-061594S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-13
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

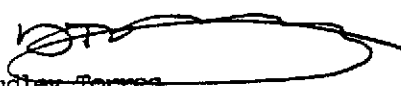
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(M-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1321	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Vinyl Acetate	(108054)	4000.	ND	
Vinyl Chloride	(75014)	600.	ND	
Xylenes (total)	(1330207)	600.	74000.	
Total Petroleum Hydrocarbons (Gasoline)		100000.	ND	
Total Petroleum Hydrocarbons (Diesel #2)		100000.	ND	
D4-DCA (% Surrogate Recovery #1)			88.	
D8-TOL (% Surrogate Recovery #2)			99.	
BFB (% Surrogate Recovery #3)			106.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN2/061516A/061604A
DT/eta3(dw)/mcc/mtm
FIN1-061594S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-14
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(N-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1328	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	1000.	ND	
Benzene	(71432)	60.	ND	
Bromodichloromethane	(75274)	60.	ND	
Bromoform	(75252)	60.	ND	
Bromomethane	(74839)	60.	ND	
2-Butanone (MEK)	(78933)	600.	ND	
Carbon Disulfide	(75150)	100.	ND	
Carbon Tetrachloride	(56235)	60.	ND	
Chlorobenzene	(108907)	60.	ND	
Chloroethane	(75003)	60.	ND	
2-Chloroethyl Vinyl Ether	(110758)	600.	ND	
Chloroform	(67663)	100.	ND	
Chloromethane	(74873)	60.	ND	
Dibromochloromethane	(124481)	60.	ND	
1,2-Dichlorobenzene	(95501)	60.	ND	
1,3-Dichlorobenzene	(541731)	60.	ND	
1,4-Dichlorobenzene	(106467)	60.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) TPH is quantitated using diesel.

06/20/94
FIN1/061605A
DT/eta3(dw)/mcc
FIN1/061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-14
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(N-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1328	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	60.	ND	
1,2-Dichloroethane	(107062)	60.	ND	
1,1-Dichloroethene	(75354)	60.	ND	
cis-1,2-Dichloroethene	(156592)	60.	ND	
trans-1,2-Dichloroethene	(156605)	60.	ND	
1,2-Dichloropropane	(78875)	60.	ND	
cis-1,3-Dichloropropene	(100610105)	60.	ND	
trans-1,3-Dichloropropene	(10061026)	60.	ND	
Ethylbenzene	(100414)	60.	980.	
2-Hexanone	(591786)	400.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	400.	ND	
Methylene Chloride	(75092)	400.	ND	
Styrene	(100425)	60.	ND	
1,1,2,2-Tetrachloroethane	(79345)	60.	ND	
Tetrachloroethene	(127184)	60.	270.	
Toluene	(108883)	60.	ND	
1,1,1-Trichloroethane	(71556)	60.	ND	
1,1,2-Trichloroethane	(79005)	60.	ND	
Trichloroethene	(79016)	60.	ND	
Trichlorofluoromethane	(75694)	60.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061605A
DT/eta3(dw)/mcc
FIN1/061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-14
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3


SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(N-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1328	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	400.	ND	
Vinyl Acetate	(108054)	400.	ND	
Vinyl Chloride	(75014)	60.	ND	
Xylenes (total)	(1330207)	60.	4900.	
Total Petroleum Hydrocarbons (C7 - C16)		10000.	7900000.	
D4-DCA (% Surrogate Recovery #1)			91.	
D8-TOL (% Surrogate Recovery #2)			120.	
BFB (% Surrogate Recovery #3)			116.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061605A
DT/eta3(dw)/mcc
FIN1/061694S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-15
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(0-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1432	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	2000.	ND	
Benzene	(71432)	100.	ND	
Bromodichloromethane	(75274)	100.	ND	
Bromoform	(75252)	100.	ND	
Bromomethane	(74839)	100.	ND	
2-Butanone (MEK)	(78933)	1000.	ND	
Carbon Disulfide	(75150)	300.	ND	
Carbon Tetrachloride	(56235)	100.	ND	
Chlorobenzene	(108907)	100.	ND	
Chloroethane	(75003)	100.	ND	
2-Chloroethyl Vinyl Ether	(110758)	1000.	ND	
Chloroform	(67663)	300.	ND	
Chloromethane	(74873)	100.	ND	
Dibromochloromethane	(124481)	100.	ND	
1,2-Dichlorobenzene	(95501)	100.	ND	
1,3-Dichlorobenzene	(541731)	100.	ND	
1,4-Dichlorobenzene	(106467)	100.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) TPH is quantitated using diesel.

06/20/94

FIN1/061606A

DT/eta3(dw)/mcc/mtm

FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-15
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(0-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1432	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	100.	ND	
1,2-Dichloroethane	(107062)	100.	ND	
1,1-Dichloroethene	(75354)	100.	ND	
cis-1,2-Dichloroethene	(156592)	100.	ND	
trans-1,2-Dichloroethene	(156605)	100.	ND	
1,2-Dichloropropane	(78875)	100.	ND	
cis-1,3-Dichloropropene	(100610105)	100.	ND	
trans-1,3-Dichloropropene	(10061026)	100.	ND	
Ethylbenzene	(100414)	100.	ND	
2-Hexanone	(591786)	800.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	800.	ND	
Methylene Chloride	(75092)	800.	ND	
Styrene	(100425)	100.	ND	
1,1,2,2-Tetrachloroethane	(79345)	100.	ND	
Tetrachloroethene	(127184)	100.	ND	
Toluene	(108883)	100.	ND	
1,1,1-Trichloroethane	(71556)	100.	ND	
1,1,2-Trichloroethane	(79005)	100.	ND	
Trichloroethene	(79016)	100.	ND	
Trichlorofluoromethane	(75694)	100.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061606A
DT/eta3(dw)/mcc/mtm
FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-15
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(O-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1432	06/09/94

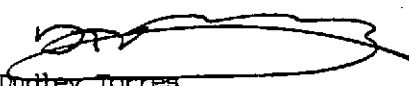
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	800.	ND	
Vinyl Acetate	(108054)	800.	ND	
Vinyl Chloride	(75014)	100.	ND	
Xylenes (total)	(1330207)	100.	17000.	
Total Petroleum Hydrocarbons (C7 - C16)		30000.	8100000.	
D4-DCA (% Surrogate Recovery #1)			86.	
D8-TOL (% Surrogate Recovery #2)			105.	
BFB (% Surrogate Recovery #3)			94.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061606A
DT/eta3(dw)/mcc/mtm
FIN1-061694S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-16
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(P-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1443	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	100.	ND	
Benzene	(71432)	5.	ND	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	ND	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) TPH is quantitated using diesel.

06/20/94

FIN1/061617A

DT/eta3(dw)/mcc/mtm

FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-16
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(P-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1443	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	5.	ND	
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethene	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	ND	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	ND	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	ND	
Toluene	(108883)	5.	ND	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	ND	
Trichlorofluoromethane	(75694)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061617A
DT/eta3(dw)/mcc/mtm
FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-16
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3


SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(P-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1443	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	17.	
Total Petroleum Hydrocarbons (C7 - C16)		1000.	290000.	
D4-DCA (% Surrogate Recovery #1)			89.	
D8-TOL (% Surrogate Recovery #2)			106.	
BFB (% Surrogate Recovery #3)			87.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061617A
DT/eta3(dw)/mcc/mtm
FIN1-061694S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-17
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EP 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(Q-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1459	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	100.	ND	
Benzene	(71432)	5.	ND	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	ND	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) TPH is quantitated using diesel.

06/20/94

FIN1/061607A

DT/eta3(dw)/mcc/mtm

FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-17
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EP 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(Q-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1459	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	5.	ND	
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethene	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	ND	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	ND	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	15.	
Toluene	(108883)	5.	ND	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	ND	
Trichlorofluoromethane	(75694)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061607A
DT/eta3(dw)/mcc/mtm
FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-17
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EP 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(Q-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1459	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	37.	
Total Petroleum Hydrocarbons (C7 - C16)		1000.	70000.	
D4-DCA (% Surrogate Recovery #1)			83.	
D8-TOL (% Surrogate Recovery #2)			111.	
BFB (% Surrogate Recovery #3)			91.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061607A
DT/eta3(dw)/mcc/mtm
FIN1-061694S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-18
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(R-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1507	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	500.	ND	
Benzene	(71432)	30.	ND	
Bromodichloromethane	(75274)	30.	ND	
Bromoform	(75252)	30.	ND	
Bromomethane	(74839)	30.	ND	
2-Butanone (MEK)	(78933)	300.	ND	
Carbon Disulfide	(75150)	50.	ND	
Carbon Tetrachloride	(56235)	30.	ND	
Chlorobenzene	(108907)	30.	ND	
Chloroethane	(75003)	30.	ND	
2-Chloroethyl Vinyl Ether	(110758)	300.	ND	
Chloroform	(67663)	50.	ND	
Chloromethane	(74873)	30.	ND	
Dibromochloromethane	(124481)	30.	ND	
1,2-Dichlorobenzene	(95501)	30.	ND	
1,3-Dichlorobenzene	(541731)	30.	ND	
1,4-Dichlorobenzene	(106467)	30.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) TPH is quantitated using diesel.

06/20/94

FIN1/061613A

DT/eta3(dw)/mcc

FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-18
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(R-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1507	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	30.	ND	
1,2-Dichloroethane	(107062)	30.	ND	
1,1-Dichloroethene	(75354)	30.	ND	
cis-1,2-Dichloroethene	(156592)	30.	ND	
trans-1,2-Dichloroethene	(156605)	30.	ND	
1,2-Dichloropropane	(78875)	30.	ND	
cis-1,3-Dichloropropene	(100610105)	30.	ND	
trans-1,3-Dichloropropene	(10061026)	30.	ND	
Ethylbenzene	(100414)	30.	360.	
2-Hexanone	(591786)	200.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	200.	ND	
Methylene Chloride	(75092)	200.	ND	
Styrene	(100425)	30.	ND	
1,1,2,2-Tetrachloroethane	(79345)	30.	ND	
Tetrachloroethene	(127184)	30.	ND	
Toluene	(108883)	30.	37.	
1,1,1-Trichloroethane	(71556)	30.	ND	
1,1,2-Trichloroethane	(79005)	30.	ND	
Trichloroethene	(79016)	30.	ND	
Trichlorofluoromethane	(75694)	30.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061613A
DT/eta3(dw)/mcc
FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-18
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(R-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1507	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	200.	ND	
Vinyl Acetate	(108054)	200.	ND	
Vinyl Chloride	(75014)	30.	ND	
Xylenes (total)	(1330207)	30.	3200.	
Total Petroleum Hydrocarbons (C7 - C16)		5000.	2100000.	
D4-DCA (% Surrogate Recovery #1)			80.	
D8-TOL (% Surrogate Recovery #2)			112.	
BFB (% Surrogate Recovery #3)			103.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061613A
DT/eta3(dw)/mcc
FIN1-061694S

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

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-19
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(A-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0938	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	200.	ND	
Benzene	(71432)	10.	ND	
Bromodichloromethane	(75274)	10.	ND	
Bromoform	(75252)	10.	ND	
Bromomethane	(74839)	10.	ND	
2-Butanone (MEK)	(78933)	100.	ND	
Carbon Disulfide	(75150)	20.	ND	
Carbon Tetrachloride	(56235)	10.	ND	
Chlorobenzene	(108907)	10.	ND	
Chloroethane	(75003)	10.	ND	
2-Chloroethyl Vinyl Ether	(110758)	100.	ND	
Chloroform	(67663)	20.	ND	
Chloromethane	(74873)	10.	ND	
Dibromochloromethane	(124481)	10.	ND	
1,2-Dichlorobenzene	(95501)	10.	ND	
1,3-Dichlorobenzene	(541731)	10.	ND	
1,4-Dichlorobenzene	(106467)	10.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) TPH is quantitated using diesel.

06/20/94
FIN1/061614A
DT/eta3(dw)/mcc
FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-19
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(A-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0938	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	10.	ND	
1,2-Dichloroethane	(107062)	10.	ND	
1,1-Dichloroethene	(75354)	10.	ND	
cis-1,2-Dichloroethene	(156592)	10.	ND	
trans-1,2-Dichloroethene	(156605)	10.	ND	
1,2-Dichloropropane	(78875)	10.	ND	
cis-1,3-Dichloropropene	(100610105)	10.	ND	
trans-1,3-Dichloropropene	(10061026)	10.	ND	
Ethylbenzene	(100414)	10.	ND	
2-Hexanone	(591786)	60.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	60.	ND	
Methylene Chloride	(75092)	60.	ND	
Styrene	(100425)	10.	ND	
1,1,2,2-Tetrachloroethane	(79345)	10.	ND	
Tetrachloroethene	(127184)	10.	ND	
Toluene	(108883)	10.	ND	
1,1,1-Trichloroethane	(71556)	10.	ND	
1,1,2-Trichloroethane	(79005)	10.	ND	
Trichloroethene	(79016)	10.	ND	
Trichlorofluoromethane	(75694)	10.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061614A
DT/eta3(dw)/mcc
FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-19
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3


SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(A-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0938	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	60.	ND	
Vinyl Acetate	(108054)	60.	ND	
Vinyl Chloride	(75014)	10.	ND	
Xylenes (total)	(1330207)	10.	100.	
Total Petroleum Hydrocarbons (C7 - C16)		2000.	600000.	
D4-DCA (% Surrogate Recovery #1)			84.	
D8-TOL (% Surrogate Recovery #2)			107.	
BFB (% Surrogate Recovery #3)			93.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061614A
DT/eta3(dw)/mcc
FIN1-061694S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-20
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(B-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0943	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	100.	ND	
Benzene	(71432)	5.	ND	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	ND	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) TPH is quantitated using diesel.

06/20/94

FIN1/061612A

DT/eta3(dw)/mcc

FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-20
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(8-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0943	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	5.	ND	
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethene	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	ND	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	ND	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	ND	
Toluene	(108883)	5.	ND	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	ND	
Trichlorofluoromethane	(75694)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061612A
DT/eta3(dw)/mcc
FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-20
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

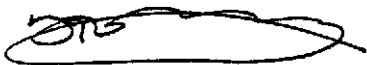
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(B-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0943	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	ND	
Total Petroleum Hydrocarbons (C7 - C16)		1000.	340000.	
D4-DCA (% Surrogate Recovery #1)			79.	
D8-TOL (% Surrogate Recovery #2)			106.	
BFB (% Surrogate Recovery #3)			93.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061612A
DT/eta3(dw)/mcc
FIN1-061694S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-21
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(C-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0950	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1
Acetone	(67641)	100.	ND	
Benzene	(71432)	5.	ND	
Bromodichloromethane	(75274)	5.	ND	
Bromoform	(75252)	5.	ND	
Bromomethane	(74839)	5.	ND	
2-Butanone (MEK)	(78933)	50.	ND	
Carbon Disulfide	(75150)	10.	ND	
Carbon Tetrachloride	(56235)	5.	ND	
Chlorobenzene	(108907)	5.	ND	
Chloroethane	(75003)	5.	ND	
2-Chloroethyl Vinyl Ether	(110758)	50.	ND	
Chloroform	(67663)	10.	ND	
Chloromethane	(74873)	5.	ND	
Dibromochloromethane	(124481)	5.	ND	
1,2-Dichlorobenzene	(95501)	5.	ND	
1,3-Dichlorobenzene	(541731)	5.	ND	
1,4-Dichlorobenzene	(106467)	5.	ND	
1,1-Dichloroethane	(75343)	5.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

06/20/94
FIN1/061615A
DT/eta3(dw)/mcc/mtm
FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-21
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(C-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0950	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,2-Dichloroethane	(107062)	5.	ND	
1,1-Dichloroethene	(75354)	5.	ND	
cis-1,2-Dichloroethene	(156592)	5.	ND	
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	10.	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	ND	
Toluene	(108883)	5.	ND	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	ND	
Trichlorofluoromethane	(75694)	5.	ND	
Trichlorotrifluoroethane	(76131)	30.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061615A
DT/eta3(dw)/mcc/mtm
FIN1-061694S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-21
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/16/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

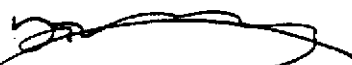
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(C-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0950	06/09/94
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	71.	
Total Petroleum Hydrocarbons (Gasoline)		1000.	1000000.	
D4-DCA (% Surrogate Recovery #1)			85.	
D8-TOL (% Surrogate Recovery #2)			112.	
BFB (% Surrogate Recovery #3)			100.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061615A
DT/eta3(dw)/mcc/mtm
FIN1-061694S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-22
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(D-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0958	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
VOLATILE ORGANIC COMPOUNDS				1,2
Acetone	(67641)	200.	ND	
Benzene	(71432)	10.	ND	
Bromodichloromethane	(75274)	10.	ND	
Bromoform	(75252)	10.	ND	
Bromomethane	(74839)	10.	ND	
2-Butanone (MEK)	(78933)	100.	ND	
Carbon Disulfide	(75150)	20.	ND	
Carbon Tetrachloride	(56235)	10.	ND	
Chlorobenzene	(108907)	10.	ND	
Chloroethane	(75003)	10.	ND	
2-Chloroethyl Vinyl Ether	(110758)	100.	ND	
Chloroform	(67663)	20.	ND	
Chloromethane	(74873)	10.	ND	
Dibromochloromethane	(124481)	10.	ND	
1,2-Dichlorobenzene	(95501)	10.	ND	
1,3-Dichlorobenzene	(541731)	10.	ND	
1,4-Dichlorobenzene	(106467)	10.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) TPH is quantitated using diesel.

06/20/94

FIN1/061515A

DT/eta3(dw)/mcc

FIN1-061594S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-22
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(D-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0958	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
1,1-Dichloroethane	(75343)	10.	ND	
1,2-Dichloroethane	(107062)	10.	ND	
1,1-Dichloroethene	(75354)	10.	ND	
cis-1,2-Dichloroethene	(156592)	10.	ND	
trans-1,2-Dichloroethene	(156605)	10.	ND	
1,2-Dichloropropane	(78875)	10.	ND	
cis-1,3-Dichloropropene	(100610105)	10.	ND	
trans-1,3-Dichloropropene	(10061026)	10.	ND	
Ethylbenzene	(100414)	10.	ND	
2-Hexanone	(591786)	60.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	60.	ND	
Methylene Chloride	(75092)	60.	ND	
Styrene	(100425)	10.	ND	
1,1,2,2-Tetrachloroethane	(79345)	10.	ND	
Tetrachloroethene	(127184)	10.	ND	
Toluene	(108883)	10.	ND	
1,1,1-Trichloroethane	(71556)	10.	ND	
1,1,2-Trichloroethane	(79005)	10.	ND	
Trichloroethene	(79016)	10.	ND	
Trichlorofluoromethane	(75694)	10.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061515A
DT/eta3(dw)/mcc
FIN1-061594S

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-22
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(D-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0958	06/09/94

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
Trichlorotrifluoroethane	(76131)	60.	ND	
Vinyl Acetate	(108054)	60.	ND	
Vinyl Chloride	(75014)	10.	ND	
Xylenes (total)	(1330207)	10.	170.	
Total Petroleum Hydrocarbons (C7 - C16)		2000.	500000.	
D4-DCA (% Surrogate Recovery #1)			89.	
D8-TOL (% Surrogate Recovery #2)			100.	
BFB (% Surrogate Recovery #3)			103.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

06/20/94
FIN1/061515A
DT/eta3(dw)/mcc
FIN1-061594S

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: FIN1-061494S

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

Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 2

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
METHOD BLANK	Solid				
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE	
VOLATILE ORGANIC COMPOUNDS					
Acetone	(67641)	100.	ND	1	
Benzene	(71432)	5.	ND		
Bromodichloromethane	(75274)	5.	ND		
Bromoform	(75252)	5.	ND		
Bromomethane	(74839)	5.	ND		
2-Butanone (MEK)	(78933)	50.	ND		
Carbon Disulfide	(75150)	10.	ND		
Carbon Tetrachloride	(56235)	5.	ND		
Chlorobenzene	(108907)	5.	ND		
Chloroethane	(75003)	5.	ND		
2-Chloroethyl Vinyl Ether	(110758)	50.	ND		
Chloroform	(67663)	10.	ND		
Chloromethane	(74873)	5.	ND		
Dibromochloromethane	(124481)	5.	ND		
1,2-Dichlorobenzene	(95501)	5.	ND		
1,3-Dichlorobenzene	(541731)	5.	ND		
1,4-Dichlorobenzene	(106467)	5.	ND		
1,1-Dichloroethane	(75343)	5.	ND		
1,2-Dichloroethane	(107062)	5.	ND		
1,1-Dichloroethene	(75354)	5.	ND		
cis-1,2-Dichloroethene	(156592)	5.	ND		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

06/20/94
FIN1/061414A
DT/eta3(dw)/mcc
JK1849-1

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: FIN1-061494S

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

Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

METHOD BLANK REPORT OF ANALYTICAL RESULTS

Page 2 of 2

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED	
METHOD BLANK	Solid			
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	ND	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	ND	
Toluene	(108883)	5.	ND	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	ND	
Trichlorofluoromethane	(75694)	5.	ND	
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	ND	
Total Petroleum Hydrocarbons (Gasoline)		1000.	ND	
Total Petroleum Hydrocarbons (Diesel #2)		1000.	ND	
D4-DCA (% Surrogate Recovery #1)			92.	
D8-TOL (% Surrogate Recovery #2)			99.	
BFB (% Surrogate Recovery #3)			90.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
06/20/94

FIN1/061414A

DT/eta3(dw)/mcc

JK1849-1

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

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

QC Batch ID: FIN1-061494S

Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

QC MATRIX SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1


SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
MATRIX SPIKE	Solid				
CONSTITUENT	ORIGINAL RESULT	SPIKE AMOUNT	RESULT $\mu\text{g/Kg}$	%REC	NOTE
VOLATILE ORGANIC COMPOUNDS					
Benzene	ND	250.	287.	115.	1
Chlorobenzene	ND	250.	234.	94.	
1,1-Dichloroethene	ND	250.	248.	99.	
Toluene	ND	250.	252.	101.	
Trichloroethene	ND	250.	252.	101.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

06/20/94
FIN1/061416A
DT/eta3(dw)
JK1849-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: FIN1-061494S

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

Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

QC MATRIX SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED			
MATRIX SPIKE DUPLICATE	Solid					
CONSTITUENT	ORIGINAL RESULT	SPIKE AMOUNT	RESULT $\mu\text{g}/\text{Kg}$	%REC	%DIFF	NOTE
VOLATILE ORGANIC COMPOUNDS						1
Benzene	ND	250.	271.	108.	5.7	
Chlorobenzene	ND	250.	237.	95.	1.3	
1,1-Dichloroethene	ND	250.	230.	92.	7.5	
Toluene	ND	250.	263.	105.	4.3	
Trichloroethene	ND	250.	238.	95.	5.7	

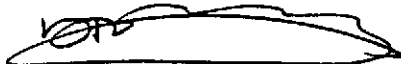
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

06/20/94
FIN1/061417A
DT/eta3(dw)
JK1849-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: FIN1-061494S

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

Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1


SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
QC SPIKE	Solid				
CONSTITUENT	*PQL µg/Kg	SPIKE AMOUNT	RESULT µg/Kg	%REC	NOTE
VOLATILE ORGANIC COMPOUNDS					1
Benzene	5.	125.	126.	101.	
Chlorobenzene	5.	125.	107.	86.	
1,1-Dichloroethene	5.	125.	106.	85.	
Toluene	5.	125.	115.	92.	
Trichloroethene	5.	125.	113.	90.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

06/20/94
FIN1/061408A
DT/eta3(dw)
JK1849-1

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: FIN1-061494S

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

Analyzed : 06/14/94
Analyzed by: AZ
Method : EPA 8240

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED		
QC SPIKE DUPLICATE	Solid					
CONSTITUENT	*PQL µg/Kg	SPIKE AMOUNT	RESULT µg/Kg	%REC	%DIFF	NOTE
VOLATILE ORGANIC COMPOUNDS						
Benzene	5.	125.	133.	106.	5.4	1
Chlorobenzene	5.	125.	114.	91.	6.3	
1,1-Dichloroethene	5.	125.	110.	88.	3.7	
Toluene	5.	125.	127.	102.	9.9	
Trichloroethene	5.	125.	125.	100.	10.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

06/20/94
FIN1/061409A
DT/eta3(dw)
JK1849-1

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

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: FIN1-061594S

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

Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 2

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
METHOD BLANK	Solid				
CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE	
VOLATILE ORGANIC COMPOUNDS					
Acetone	(67641)	100.	ND	1	
Benzene	(71432)	5.	ND		
Bromodichloromethane	(75274)	5.	ND		
Bromoform	(75252)	5.	ND		
Bromomethane	(74839)	5.	ND		
2-Butanone (MEK)	(78933)	50.	ND		
Carbon Disulfide	(75150)	10.	ND		
Carbon Tetrachloride	(56235)	5.	ND		
Chlorobenzene	(108907)	5.	ND		
Chloroethane	(75003)	5.	ND		
2-Chloroethyl Vinyl Ether	(110758)	50.	ND		
Chloroform	(67663)	10.	ND		
Chloromethane	(74873)	5.	ND		
Dibromochloromethane	(124481)	5.	ND		
1,2-Dichlorobenzene	(95501)	5.	ND		
1,3-Dichlorobenzene	(541731)	5.	ND		
1,4-Dichlorobenzene	(106467)	5.	ND		
1,1-Dichloroethane	(75343)	5.	ND		
1,2-Dichloroethane	(107062)	5.	ND		
1,1-Dichloroethene	(75354)	5.	ND		
cis-1,2-Dichloroethene	(156592)	5.	ND		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

06/20/94

FIN1/061503A

DT/eta3(dw)/mcc

JK1849-2

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: FIN1-061594S

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

Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

METHOD BLANK REPORT OF ANALYTICAL RESULTS

Page 2 of 2

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
--------------------	--------	------------	-----------------------

METHOD BLANK	Solid		
--------------	-------	--	--

CONSTITUENT	(CAS RN)	*PQL µg/Kg	RESULT µg/Kg	NOTE
trans-1,2-Dichloroethene	(156605)	5.	ND	
1,2-Dichloropropane	(78875)	5.	ND	
cis-1,3-Dichloropropene	(100610105)	5.	ND	
trans-1,3-Dichloropropene	(10061026)	5.	ND	
Ethylbenzene	(100414)	5.	ND	
2-Hexanone	(591786)	30.	ND	
Methyl Isobutyl Ketone (MIBK)	(108101)	30.	ND	
Methylene Chloride	(75092)	30.	ND	
Styrene	(100425)	5.	ND	
1,1,2,2-Tetrachloroethane	(79345)	5.	ND	
Tetrachloroethene	(127184)	5.	ND	
Toluene	(108883)	5.	ND	
1,1,1-Trichloroethane	(71556)	5.	ND	
1,1,2-Trichloroethane	(79005)	5.	ND	
Trichloroethene	(79016)	5.	ND	
Trichlorofluoromethane	(75694)	5.	ND	
Trichlorotrifluoroethane	(76131)	30.	ND	
Vinyl Acetate	(108054)	30.	ND	
Vinyl Chloride	(75014)	5.	ND	
Xylenes (total)	(1330207)	5.	ND	
Total Petroleum Hydrocarbons (Gasoline)		1000.	ND	
Total Petroleum Hydrocarbons (Diesel #2)		1000.	ND	
D4-DCA (% Surrogate Recovery #1)			89.	
D8-TOL (% Surrogate Recovery #2)			98.	
BFB (% Surrogate Recovery #3)			91.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
06/20/94

FIN1/061503A

DT/eta3(dw)/mcc

JK1849-2

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

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

QC Batch ID: FIN1-061594S

Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
QC SPIKE	Solid				
CONSTITUENT	*PQL µg/Kg	SPIKE AMOUNT	RESULT µg/Kg	%REC	NOTE
VOLATILE ORGANIC COMPOUNDS					1
Benzene	5.	110.	99.	90.	
Chlorobenzene	5.	110.	95.	86.	
1,1-Dichloroethene	5.	110.	95.	86.	
Toluene	5.	110.	99.	90.	
Trichloroethene	5.	110.	99.	90.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

06/20/94
FIN1/061504A
DT/eta3(dw)
JK1849-2

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: FIN1-0615945

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

Analyzed : 06/15/94
Analyzed by: AZ
Method : EPA 8240

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1


SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED			
QC SPIKE DUPLICATE	Solid					
CONSTITUENT	*PQL μg/Kg	SPIKE AMOUNT	RESULT μg/Kg	%REC	%DIFF	NOTE
VOLATILE ORGANIC COMPOUNDS						1
Benzene	5.	110.	110.	100.	11.	
Chlorobenzene	5.	110.	99.	90.	4.1	
1,1-Dichloroethene	5.	110.	110.	100.	15.	
Toluene	5.	110.	110.	100.	11.	
Trichloroethene	5.	110.	110.	100.	11.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

06/20/94
FIN1/061505A
DT/eta3(dw)
JK1849-2

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-3
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
Composite of B(C-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1052	06/09/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	1.5	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	98.	mg/Kg	EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	16.	mg/Kg	EPA 6010	06/15/94	KP	1
Lead, Total	1.	41.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.074	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.8	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-4
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED		
Composite of B(D-1,-2,-3,-4)	Soil	James Jensen		06/08/94 1059	06/09/94		
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	2.4	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	210.	mg/Kg	EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	17.	mg/Kg	EPA 6010	06/15/94	KP	1
Lead, Total	1.	94.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.063	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	1.2	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-5
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED		
Composite of B(B-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1106	06/09/94		
CONSTITUENT	*PQL	RESULT	UNITS METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	1.9	mg/Kg EPA 7060	06/15/94	KP	1
Barium, Total	5.	160.	mg/Kg EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	ND	mg/Kg EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	17.	mg/Kg EPA 6010	06/15/94	KP	1
Lead, Total	1.	130.	mg/Kg EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.060	mg/Kg EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.8	mg/Kg EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-6
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED		
Composite of B(F-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1114	06/09/94		
CONSTITUENT	*PQL	RESULT	UNITS METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	1.7	mg/Kg EPA 7060	06/15/94	KP	1
Barium, Total	5.	86.	mg/Kg EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	ND	mg/Kg EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	20.	mg/Kg EPA 6010	06/15/94	KP	1
Lead, Total	1.	59.	mg/Kg EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.074	mg/Kg EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.5	mg/Kg EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gaona
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-7
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(G-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1138	06/09/94
CONSTITUENT	*PQL	RESULT	UNITS METHOD	ANALYZED BY NOTES
Arsenic, Total	0.5	1.2	mg/Kg EPA 7060	06/15/94 KP 1
Barium, Total	5.	84.	mg/Kg EPA 6010	06/15/94 KP 1
Cadmium, Total	0.5	ND	mg/Kg EPA 6010	06/15/94 KP 1
Chromium, Total	0.5	17.	mg/Kg EPA 6010	06/15/94 KP 1
Lead, Total	1.	42.	mg/Kg EPA 7420	06/15/94 NT 1
Mercury, Total	0.004	0.053	mg/Kg EPA 7471	06/16/94 NT
Selenium, Total	0.5	ND	mg/Kg EPA 7740	06/15/94 KP 1
Silver, Total	0.2	0.6	mg/Kg EPA 7760	06/15/94 NT 1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-8
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED		
Composite of B(H-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1226	06/09/94		
CONSTITUENT	*PQL	RESULT	UNITS METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	3.0	mg/Kg EPA 7060	06/15/94	KP	1
Barium, Total	5.	180.	mg/Kg EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	ND	mg/Kg EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	15.	mg/Kg EPA 6010	06/15/94	KP	1
Lead, Total	1.	98.	mg/Kg EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.059	mg/Kg EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.9	mg/Kg EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick J. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-9
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
Composite of B(I-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1245	06/09/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	2.6	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	220.	mg/Kg	EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	21.	mg/Kg	EPA 6010	06/15/94	KP	1
Lead, Total	1.	150.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.11	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.8	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gagne
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-10
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(J-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1257	06/09/94

CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	2.4	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	330.	mg/Kg	EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	18.	mg/Kg	EPA 6010	06/15/94	KP	1
Lead, Total	1.	150.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.13	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.7	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-11
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED		
Composite of B(K-1,-2,-3,-4)	Soil	James Jensen		06/08/94 1355	06/09/94		
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	2.1	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	100.	mg/Kg	EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	16.	mg/Kg	EPA 6010	06/15/94	KP	1
Lead, Total	1.	87.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.050	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	4.5	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick J. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-12
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
Composite of B(L-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1336	06/09/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	2.0	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	240.	mg/Kg	EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	20.	mg/Kg	EPA 6010	06/15/94	KP	1
Lead, Total	1.	71.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.074	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.9	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick J. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-13
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
Composite of B(M-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1321	06/09/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	1.7	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	230.	mg/Kg	EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	18.	mg/Kg	EPA 6010	06/15/94	KP	1
Lead, Total	1.	80.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.074	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.8	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick J. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-14
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
Composite of B(N-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1328	06/09/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	2.5	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	260.	mg/Kg	EPA 6010	06/15/94	KP	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	KP	1
Chromium, Total	0.5	19.	mg/Kg	EPA 6010	06/15/94	KP	1
Lead, Total	1.	140.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.076	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.8	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-15
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED		
Composite of B(0-1,-2,-3,-4)	Soil	James Jensen		06/08/94 1432	06/09/94		
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	3.2	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	150.	mg/Kg	EPA 6010	06/15/94	DO	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	DO	1
Chromium, Total	0.5	17.	mg/Kg	EPA 6010	06/15/94	DO	1
Lead, Total	1.	170.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.050	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	1.1	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-16
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED		
Composite of B(P-1,-2,-3,-4)	Soil	James Jensen		06/08/94 1443	06/09/94		
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	1.2	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	51.	mg/Kg	EPA 6010	06/15/94	DO	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	DO	1
Chromium, Total	0.5	15.	mg/Kg	EPA 6010	06/15/94	DO	1
Lead, Total	1.	32.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.042	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	1.0	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick J. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-17
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of B(Q-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1459	06/09/94

CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	1.2	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	74.	mg/Kg	EPA 6010	06/15/94	DO	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	DO	1
Chromium, Total	0.5	17.	mg/Kg	EPA 6010	06/15/94	DO	1
Lead, Total	1.	36.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.043	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.8	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick J. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-18
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
Composite of B(R-1,-2,-3,-4)	Soil	James Jensen	06/08/94 1507	06/09/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	1.5	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	85.	mg/Kg	EPA 6010	06/15/94	DO	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	DO	1
Chromium, Total	0.5	16.	mg/Kg	EPA 6010	06/15/94	DO	1
Lead, Total	1.	58.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.025	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.8	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick F. Gaone

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-19
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED		
Composite of C(A-1,-2,-3,-4)	Soil	James Jensen		06/08/94 0938	06/09/94		
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	1.6	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	130.	mg/Kg	EPA 6010	06/15/94	DO	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	DO	1
Chromium, Total	0.5	26.	mg/Kg	EPA 6010	06/15/94	DO	1
Lead, Total	1.	56.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.048	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.5	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick J. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-20
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
Composite of C(B-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0943	06/09/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	1.9	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	92.	mg/Kg	EPA 6010	06/15/94	DO	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	DO	1
Chromium, Total	0.5	22.	mg/Kg	EPA 6010	06/15/94	DO	1
Lead, Total	1.	61.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.073	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.6	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick J. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-21
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED		
Composite of C(C-1,-2,-3,-4)	Soil	James Jensen		06/08/94 0950	06/09/94		
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	2.5	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	160.	mg/Kg	EPA 6010	06/15/94	DO	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	DO	1
Chromium, Total	0.5	20.	mg/Kg	EPA 6010	06/15/94	DO	1
Lead, Total	1.	130.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.064	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.7	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1849-22
Project : 05100535, 1399 Wood St.
Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
Composite of C(D-1,-2,-3,-4)	Soil	James Jensen	06/08/94 0958	06/09/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Arsenic, Total	0.5	4.1	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	110.	mg/Kg	EPA 6010	06/15/94	DO	1
Cadmium, Total	0.5	ND	mg/Kg	EPA 6010	06/15/94	DO	1
Chromium, Total	0.5	23.	mg/Kg	EPA 6010	06/15/94	DO	1
Lead, Total	1.	71.	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.082	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND	mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	0.6	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
5094061401

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

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

QC Batch ID: 5094061401 JK-1849-16
Project : 05100535, 1399 Wood St.
Oakland

QC DUPLICATE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED				
Composite of B(P-1,-2,-3,-4)	Solid	James Jensen		06/08/94	06/09/94			
CONSTITUENT	*PQL	RESULT	%DIFF	UNITS	METHOD	ANALYZED	BY	NOTE
Arsenic, Total	0.5	1.3	8.	mg/Kg	EPA 7060	06/15/94	KP	1
Barium, Total	5.	63.	21.	mg/Kg	EPA 6010	06/15/94	DO	1
Calcium, Total	0.5	ND		mg/Kg	EPA 6010	06/15/94	DO	1
Chromium, Total	0.5	15.	0.	mg/Kg	EPA 6010	06/15/94	DO	1
Lead, Total	1.	31.	3.2	mg/Kg	EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.045	6.9	mg/Kg	EPA 7471	06/16/94	NT	
Selenium, Total	0.5	ND		mg/Kg	EPA 7740	06/15/94	KP	1
Silver, Total	0.2	1.1	9.5	mg/Kg	EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
JK1849-16

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

Nick J. Gaone

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: 5094061401

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

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
METHOD BLANK	Solid		
CONSTITUENT	*PQL	RESULT	UNITS METHOD ANALYZED BY NOTE
Arsenic, Total	0.5	ND	mg/Kg EPA 7060 06/15/94 KP 1
Barium, Total	5.	ND	mg/Kg EPA 6010 06/15/94 DO 1
Cadmium, Total	0.5	ND	mg/Kg EPA 6010 06/15/94 DO 1
Chromium, Total	0.5	ND	mg/Kg EPA 6010 06/15/94 DO 1
Lead, Total	1.	ND	mg/Kg EPA 7420 06/15/94 NT 1
Mercury, Total	0.004	ND	mg/Kg EPA 7471 06/16/94 NT
Selenium, Total	0.5	ND	mg/Kg EPA 7740 06/15/94 KP 1
Silver, Total	0.2	ND	mg/Kg EPA 7760 06/15/94 NT 1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
JK1849-16

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

Nick J. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: 5094061401

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

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED				
QC SPIKE	Solid							
CONSTITUENT	*PQL	SPIKE	RESULT	%REC	UNITS METHOD	ANALYZED	BY	NOTE
Arsenic, Total	0.5	10.	9.6	96.	mg/Kg EPA 7060	06/15/94	KP	1
Barium, Total	5.	50.	51.	102.	mg/Kg EPA 6010	06/15/94	DO	1
Cadmium, Total	0.5	25.	22.	88.	mg/Kg EPA 6010	06/15/94	DO	1
Chromium, Total	0.5	25.	23.	92.	mg/Kg EPA 6010	06/15/94	DO	1
Lead, Total	1.	25.	24.	96.	mg/Kg EPA 7420	06/15/94	NT	1
Mercury, Total	0.004	0.10	0.089	89.	mg/Kg EPA 7471	06/16/94	NT	
Selenium, Total	0.5	10.	9.1	91.	mg/Kg EPA 7740	06/15/94	XP	1
Silver, Total	0.2	10.	9.6	96.	mg/Kg EPA 7760	06/15/94	NT	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/14/94 by NT using EPA 3050

06/16/94

NG/nfga3(dw)
JK1849-16

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

Nick F. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1963-1
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/22/94
Analyzed by: TN
Method : EPA 8080

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(A-1,-2,-3,-4) [JK1849-19]	Soil	James Jensen	06/08/94 0938	06/09/94

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				
Aroclor 1016	(12674112)	0.02	ND	1
Aroclor 1221	(11104282)	0.02	ND	
Aroclor 1232	(11141165)	0.02	ND	
Aroclor 1242	(53469219)	0.02	ND	
Aroclor 1248	(12672296)	0.02	ND	
Aroclor 1254	(11097691)	0.02	ND	
Aroclor 1260	(11096825)	0.02	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/21/94 by AC using EPA 3550

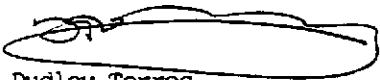
RECEIVED

JUN 27 1994

INDUSTRIAL COMPLIANCE

06/23/94
ECD1-621B026
DT/eta3(dw)/ttn
PCB062194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1963-2
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/22/94
Analyzed by: TN
Method : EPA 8080

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(B-1,-2,-3,-4) [JK1849-20]	Soil	James Jensen	06/08/94 0943	06/09/94

CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				1
Aroclor 1016	(12674112)	0.02	ND	
Aroclor 1221	(11104282)	0.02	ND	
Aroclor 1232	(11141165)	0.02	ND	
Aroclor 1242	(53469219)	0.02	ND	
Aroclor 1248	(12672296)	0.02	ND	
Aroclor 1254	(11097691)	0.02	ND	
Aroclor 1260	(11096825)	0.02	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/21/94 by AC using EPA 3550


RECEIVED

JUN 27 1994

INDUSTRIAL COMPLIANCE

06/23/94
ECD1-621B027
DT/eta3(dw)/ttn
PCB062194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1963-3
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/22/94
Analyzed by: TN
Method : EPA 8080

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(C-1,-2,-3,-4) [JK1849-21]	Soil	James Jensen	06/08/94 0950	06/09/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				1
Aroclor 1016	(12674112)	0.02	ND	
Aroclor 1221	(11104282)	0.02	ND	
Aroclor 1232	(11141165)	0.02	ND	
Aroclor 1242	(53469219)	0.02	ND	
Aroclor 1248	(12672296)	0.02	ND	
Aroclor 1254	(11097691)	0.02	ND	
Aroclor 1260	(11096825)	0.02	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 06/21/94 by AC using EPA 3550

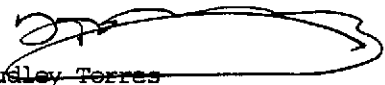
RECEIVED

JUN 27 1994

INDUSTRIAL COMPLIANCE

06/23/94
ECD1-621B028
DT/eta3(dw)/ttn
PCB062194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

Lab Number : JK-1963-4
Project : 05100535, 1399 Wood St.
Oakland
Analyzed : 06/22/94
Analyzed by: TN
Method : EPA 8080

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Composite of C(D-1,-2,-3,-4) [JK1849-22]	Soil	James Jensen	06/08/94 0958	06/09/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				
Aroclor 1016	(12674112)	0.02	ND	
Aroclor 1221	(11104282)	0.02	ND	
Aroclor 1232	(11141165)	0.02	ND	
Aroclor 1242	(53469219)	0.02	ND	
Aroclor 1248	(12672296)	0.02	ND	
Aroclor 1254	(11097691)	0.02	ND	
Aroclor 1260	(11096825)	0.02	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 06/21/94 by AC using EPA 3550


RECEIVED

JUN 27 1994

INDUSTRIAL COMPLIANCE

06/23/94
ECD1-621B029
DT/eta3(dw)/ttn
PCB062194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

QC Batch ID: PCB062194

Analyzed : 06/22/94
Analyzed by: TN
Method : EPA 8080

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
METHOD BLANK	Solid				
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE	
POLYCHLORINATED BIPHENYLS (PCBs)					
Aroclor 1016	(12674112)	0.02	ND		
Aroclor 1221	(11104282)	0.02	ND		
Aroclor 1232	(11141165)	0.02	ND		
Aroclor 1242	(53469219)	0.02	ND		
Aroclor 1248	(12672296)	0.02	ND		
Aroclor 1254	(11097691)	0.02	ND		
Aroclor 1260	(11096825)	0.02	ND		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/21/94 by AC using EPA 3550


RECEIVED

JUN 27 1994

INDUSTRIAL COMPLIANCE

06/23/94
ECD1-621B030
DT/eta3(dw)/ttn
JK1963-4

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

QC Batch ID: PCB062194

Analyzed : 06/22/94
Analyzed by: TN
Method : EPA 8080

QC SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED		
QC SPIKE	Solid					
CONSTITUENT		*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)						
Aroclor 1254		0.02	0.17	0.09	53.	1

San Jose Lab Certifications: CAELAP #1204


*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/21/94 by AC using EPA 3550

RECEIVED
JUN 27 1994
INDUSTRIAL COMPLIANCE

06/23/94
ECD1-621B031
DT/eta3(dw)/ttn
JK1963-4

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: PCB062194

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

Analyzed : 06/22/94
Analyzed by: TN
Method : EPA 8080

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED			
QC SPIKE DUPLICATE	Solid						
CONSTITUENT	*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	%DIFF	NOTE	
POLYCHLORINATED BIPHENYLS (PCBs)							
Aroclor 1254	0.02	0.17	0.08	47.	12.	1	

San Jose Lab Certifications: CAELAP #1204


*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 06/21/94 by AC using EPA 3550

RECEIVED
JUN 27 1994
INDUSTRIAL COMPLIANCE

06/23/94
ECD1-621B032
DT/eta3(dw)/ttn
JK1963-4

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


Sudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

APPENDIX F
ANALYTICAL LABORATORY REPORTS,
GROUND WATER SAMPLES





COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-1
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland
Analyzed : 07/06/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
MW-1	Groundwater	John Cavanaugh	06/29/94 0955	06/30/94

CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
FUEL FINGERPRINT ANALYSIS				
Benzene		0.5	ND	1,2
Toluene		0.5	ND	
Ethylbenzene		0.5	ND	
Xylenes		0.5	ND	
1,2-Dichloroethane		0.5	ND	
Ethylene dibromide		0.5	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		50.	ND	
Percent Surrogate Recovery			102.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

07/11/94
MSD1/2AV60A
DT/eta3(dw)/on
MSD1-070694

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-2
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland
Analyzed : 07/06/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
MW-2	Groundwater	John Cavanaugh	06/29/94 1240	06/30/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
FUEL FINGERPRINT ANALYSIS				
Benzene		0.5	ND	1,2
Toluene		0.5	ND	
Ethylbenzene		0.5	ND	
Xylenes		0.5	ND	
1,2-Dichloroethane		0.5	ND	
Ethylene dibromide		0.5	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		50.	ND	
Percent Surrogate Recovery			80.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

07/11/94
MSD1/2AV57A
DT/eta3(dw)/on
MSD1-070694

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-3
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland
Analyzed : 07/06/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
MW-3	Groundwater	John Cavanaugh	06/29/94 1135	06/30/94

CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.5	ND	
Toluene		0.5	0.9	
Ethylbenzene		0.5	ND	
Xylenes		0.5	0.8	
1,2-Dichloroethane		0.5	ND	
Ethylene dibromide		0.5	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	110.	
Total Petroleum Hydrocarbons (Diesel 2)		50.	ND	
Percent Surrogate Recovery			96.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

07/11/94
MSD1/2AV58A
DT/eta3(dw)/on
MSD1-070694

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-4
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland
Analyzed : 07/06/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
MW-1 Duplicate	Groundwater	John Cavanaugh	06/29/94 0955	06/30/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.5	ND	
Toluene		0.5	ND	
Ethylbenzene		0.5	ND	
Xylenes		0.5	ND	
1,2-Dichloroethane		0.5	ND	
Ethylene dibromide		0.5	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		50.	ND	
Percent Surrogate Recovery			98.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

07/11/94
MSD1/2AV61A
DT/eta3(dw)/on
MSD1-070694

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-5
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland
Analyzed : 07/06/94
Analyzed by: ON
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Trip Blank	Aqueous	John Cavanaugh	06/29/94 0950	06/30/94

CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
FUEL FINGERPRINT ANALYSIS				
Benzene		0.5	ND	1,2
Toluene		0.5	ND	
Ethylbenzene		0.5	ND	
Xylenes		0.5	ND	
1,2-Dichloroethane		0.5	ND	
Ethylene dibromide		0.5	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		50.	ND	
Percent Surrogate Recovery			100.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) EXTRACTED by EPA 5030 (purge-and-trap)
- (2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

07/11/94
MSD1/2AV49A
DT/eta3(dw)/on
MSD1-070694

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-6
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland
Analyzed : 07/06/94
Analyzed by: CN
Method : As Listed

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Equipment Blank	Aqueous	John Cavanaugh	06/29/94 1250	06/30/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
FUEL FINGERPRINT ANALYSIS				1,2
Benzene		0.5	ND	
Toluene		0.5	ND	
Ethylbenzene		0.5	ND	
Xylenes		0.5	ND	
1,2-Dichloroethane		0.5	ND	
Ethylene dibromide		0.5	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	ND	
Total Petroleum Hydrocarbons (Diesel 2)		50.	ND	
Percent Surrogate Recovery			97.	

San Jose Lab Certifications: CARLAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

07/11/94
MSD1/2AV59A
DT/eca3(dw)/cc
MSD1-070694

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: MSD1-070694

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

Analyzed : 07/06/94
Analyzed by: ON
Method : As Listed

METHOD BLANK REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
METHOD BLANK	Aqueous				
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE	
FUEL FINGERPRINT ANALYSIS					
Benzene		0.5	ND	1,2	
Toluene		0.5	ND		
Ethylbenzene		0.5	ND		
Xylenes		0.5	ND		
1,2-Dichloroethane		0.5	ND		
Ethylene dibromide		0.5	ND		
Total Petroleum Hydrocarbons (Gasoline)		50.	ND		
Total Petroleum Hydrocarbons (Diesel 2)		50.	ND		
Percent Surrogate Recovery			93.		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

07/11/94
MSD1/2AV48A
DT/eta3(dw)/on
JK2063-5

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: MSD1-070694

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

Analyzed : 07/06/94
Analyzed by: ON
Method : As Listed

QC MATRIX SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
MATRIX SPIKE	Aqueous				
CONSTITUENT	ORIGINAL RESULT	SPIKE AMOUNT	RESULT $\mu\text{g/L}$	%REC	NOTE
FUEL FINGERPRINT ANALYSIS					
Benzene	ND	10.	9.	90.	1,2
Toluene	ND	10.	9.2	92.	
Ethylbenzene	ND	10.	11.	110.	
Xylenes	ND	10.	11.	110.	
1,2-Dichloroethane	ND	10.	3.6	86.	
Ethylene dibromide	ND	10.	9.3	93.	
Total Petroleum Hydrocarbons (Gasoline)	ND	250.	280.	112.	

San Jose Lab Certifications: CAELAP #1204

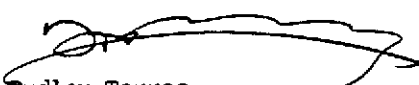
*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

(2) ANALYZED by CAL DHS DRAFT TPH, EPA 8260 modified (GC/MS)

07/11/94
MSD1/2AV50A/52A
DT/eta3(dw)/on
JK2063-5

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-1
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED	
MW-1	Groundwater	John Cavanaugh		06/29/94 0955	06/30/94	
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY NOTES
Sodium	5.	30.	mg/L	EPA 6010	07/11/94	DO
Sodium Chloride	0.1	40.	mg/L	Calc	07/14/94	SB
Chloride	1.	24.	mg/L	EPA 300.0	07/01/94	CL
Total Dissolved Solids	5.	410.	mg/L	EPA 160.1	06/30/94	CL

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

07/14/94

NG/saba3(dw)/cml
DW940607

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

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-2
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
MW-2	Groundwater	John Cavanaugh	06/29/94 1240	06/30/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Sodium	5.	87.	mg/L	EPA 6010	07/11/94	DO	
Sodium Chloride	0.1	48.	mg/L	Calc	07/14/94	SB	
Chloride	1.	29.	mg/L	EPA 300.0	07/01/94	CL	
Total Dissolved Solids	5.	680.	mg/L	EPA 160.1	06/30/94	CL	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

07/14/94

NG/saba3(dw)/cml
DW940607

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

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-3
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
MW-3	Groundwater	John Cavanaugh	06/29/94 1135	06/30/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Sodium	5.	120.	mg/L	EPA 6010	07/11/94	DO	
Sodium Chloride	0.1	60.	mg/L	Calc	07/14/94	SB	
Chloride	1.	36.	mg/L	EPA 300.0	07/01/94	CL	
Total Dissolved Solids	5.	850.	mg/L	EPA 160.1	06/30/94	CL	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

07/14/94

NG/saba3(dw)/cml
DW940607

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

Nick J. Gaone

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-1
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland
Analyzed : 07/06/94
Analyzed by: TN
Method : EPA 608

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
MW-1	Groundwater	John Cavanaugh	06/29/94 0955	06/30/94

CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				1
Aroclor 1016	(12674112)	1.	ND	
Aroclor 1221	(11104282)	1.	ND	
Aroclor 1232	(11141165)	1.	ND	
Aroclor 1242	(53469219)	1.	ND	
Aroclor 1248	(12672296)	1.	ND	
Aroclor 1254	(11097691)	1.	ND	
Aroclor 1260	(11096825)	1.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/01/94 by LN using EPA 3510

07/08/94
ECD1-706B005
DT/eta3(dw)/ttn
PCB070194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-2
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland
Analyzed : 07/06/94
Analyzed by: TN
Method : EPA 608

REPORT OF ANALYTICAL RESULTS

Page 1 of 1


SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
MW-2	Groundwater	John Cavanaugh	06/29/94 1240	06/30/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				1
Aroclor 1016	(12674112)	1.	ND	
Aroclor 1221	(11104282)	1.	ND	
Aroclor 1232	(11141165)	1.	ND	
Aroclor 1242	(53469219)	1.	ND	
Aroclor 1248	(12672296)	1.	ND	
Aroclor 1254	(11097691)	1.	ND	
Aroclor 1260	(11096825)	1.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/01/94 by LN using EPA 3510

07/08/94
ECD1-706B006
DT/eta3(dw)/ttn
PCB070194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-3
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland
Analyzed : 07/06/94
Analyzed by: TN
Method : EPA 608

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

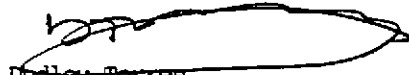
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
MW-3	Groundwater	John Cavanaugh	06/29/94 1135	06/30/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				1
Aroclor 1016	(12674112)	1.	ND	
Aroclor 1221	(11104282)	1.	ND	
Aroclor 1232	(11141165)	1.	ND	
Aroclor 1242	(53469219)	1.	ND	
Aroclor 1248	(12672296)	1.	ND	
Aroclor 1254	(11097691)	1.	ND	
Aroclor 1260	(11096825)	1.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/01/94 by LN using EPA 3510

07/08/94
ECD1-706B007
DT/eta3(dw)/ttn
PCB070194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Jim Jensen
Industrial Compliance
9719 Lincoln Village Suite 310
Sacramento, CA 95827

Lab Number : JK-2063-4
Project : 05100535, Lodi Trucking
1399 Wood St. Oakland
Analyzed : 07/06/94
Analyzed by: TN
Method : EPA 608

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

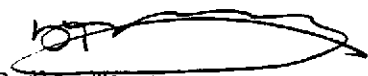
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
MW-1 Duplicate	Groundwater	John Cavanaugh	06/29/94 0955	06/30/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)				1
Aroclor 1016	(12674112)	1.	ND	
Aroclor 1221	(11104282)	1.	ND	
Aroclor 1232	(11141165)	1.	ND	
Aroclor 1242	(53469219)	1.	ND	
Aroclor 1248	(12672296)	1.	ND	
Aroclor 1254	(11097691)	1.	ND	
Aroclor 1260	(11096825)	1.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/01/94 by LN using EPA 3510

07/08/94
ECD1-706B008
DT/eta3(dw)/ttn
PCB070194

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: PCB070194

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

Analyzed : 07/06/94
Analyzed by: TN
Method : EPA 608

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1


SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
METHOD BLANK	Aqueous				
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE	
POLYCHLORINATED BIPHENYLS (PCBs)					
Aroclor 1016	(12674112)	1.	ND	1	
Aroclor 1221	(11104282)	1.	ND		
Aroclor 1232	(11141165)	1.	ND		
Aroclor 1242	(53469219)	1.	ND		
Aroclor 1248	(12672296)	1.	ND		
Aroclor 1254	(11097691)	1.	ND		
Aroclor 1260	(11096825)	1.	ND		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/01/94 by LN using EPA 3510

07/08/94
ECD1-706B010
DT/eta3(dw)/ttn
JK2063-4

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

QC Batch ID: PCB070194

Analyzed : 07/06/94
Analyzed by: TN
Method : EPA 608

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

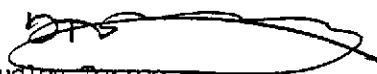
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
QC SPIKE	Aqueous				
CONSTITUENT	*PQL µg/L	SPIKE AMOUNT	RESULT µg/L	%REC	NOTE
POLYCHLORINATED BIPHENYLS (PCBs) Aroclor 1254	1.	5.	3.	60.	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/01/94 by LN using EPA 3510

07/08/94
ECD1-706B011
DT/eta3(dw)/ttn
JK2063-4

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

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

QC Batch ID: PCB070194

Analyzed : 07/06/94
Analyzed by: TN
Method : EPA 608

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

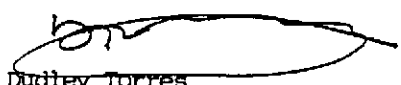
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED		
QC SPIKE DUPLICATE	Aqueous					
CONSTITUENT	*PQL µg/L	SPIKE AMOUNT	RESULT µg/L	%REC	%DIFF	NOTE
POLYCHLORINATED BIPHENYLS (PCBs)						
Aroclor 1254	1.	5.	3.	60.	0.	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/01/94 by LN using EPA 3510

07/08/94
ECD1-706B012
DT/eta3(dw)/ttn
JK2063-4

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


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

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