

**ENVIRONMENTAL
PROTECTION**

96 AUG -7 AM 11:38

August 1, 1996

Juliette Chin
Alameda County Health Dept.
1131 Harbor Bay Parkway
Alameda, CA 94502

RE: Pacific Bell Facility, 2100 Central Avenue, Alameda

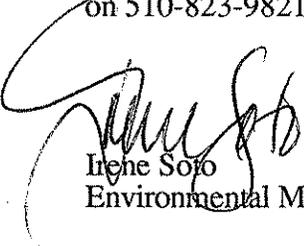
Dear Ms. Chin:

Per my voice mail message to you this afternoon, I am enclosing a copy of the tank closure report for the abovementioned site. Apparently the report, which was prepared by Riedel Environmental Services, Inc. in July 1993, was never submitted to Pacific Bell for review nor to the County for closure approval.

As the laboratory results indicate, all four samples (three soil and one water) taken from the tank excavation showed no detectable concentrations of TPH as diesel or its volatile constituents (BTEX). Based on these results, Pacific Bell requests that the Alameda County Health Department grant closure with no additional work required.

Thank you again for your patience as we investigated the situation and obtained copies of the report.

If you have any additional questions regarding this report, please do not hesitate to call me on 510-823-9821 or Mr. Lyle Stuck on 408-268-0012.



Irene Soto
Environmental Manager

Attachment

cc: L. Stuck (w/o attachment)

COPY

27 July 1993

Pacific Bell
Attn: Mr. Duane Wallace
2600 Camino Ramon, Room 3E4001
San Ramon, CA 94583

Re: Tank Closure Report - Pacific Bell, 2100 Central Avenue, Alameda, California
RES Project No. 4035-9307

Dear Mr. Wallace:

Riedel Environmental Services, Inc. is pleased to present this report of the tank removal conducted at the Pacific Bell site located at 2100 Central Ave in Alameda, California.

A copy of this report should be submitted to the Alameda County Health Agency in care of Scott O. Seery, Senior Hazardous Materials Specialist. If you have any questions or require additional information, please feel free to contact the undersigned at (510) 222-7810.

Sincerely,

RIEDEL ENVIRONMENTAL SERVICES, INC.

Kevin Poeltl
Project Manager

Christopher White, RG 4983
Senior Geologist

cc: Irene Soto

4035-9307\KFP\BALMDA.RPT\27JULY93

Tank Removal Report

COPY

Pacific Bell Site
2100 Central Ave
Alameda, California

1.0 INTRODUCTION

This report documents the removal of a 6000-gallon underground storage tank (UST) conducted by Riedel Environmental Services, Inc. (RES) from the Pacific Bell site located at 2100 Central Ave in Alameda, California (see Site Location Map, Figure 1). The scope of work entailed the removal of the UST and the necessary soil sampling and analysis.

2.0 UST REMOVAL AND SOIL SAMPLING

2.1 Removal of 6000-Gallon UST

On 12 July 1993, RES staff supervised the removal of the 6000-gallon, single-walled fiberglass, diesel UST from the subject site and obtained a total of four samples from the site. Two samples were obtained from the of the native soils at the ^{side}bottom of the UST pit, one sample was obtained from the tank backfill material, and one sample of the ground water ponded within the pit was obtained. The tank removal and sampling activities were witnessed by Mr. Scott O. Seery, CHMM, Alameda County Health Senior Hazardous Materials Specialist.

Upon arrival at the Pacific Bell site, it was determined that the residual amount of diesel fuel which remained in the tank should be removed and transported off site for disposal. RES subcontracted Erickson, Inc. to provide a 38 barrel vacuum truck to accomplish this task. The residual diesel fuel was manifested and profiled for disposal into Gibson Environmental's Redwood City disposal facility. The tank was then inerted with dry ice (approximately 30 pounds per each 1000-gallon capacity) by RES personnel, and tested for LEL and oxygen content. Once fully inerted, the tank was removed from the excavation by John's Excavating Company of Santa Rosa, California. No leaks or holes were detected during visual inspection of the tank exterior. The tank was loaded onto a flatbed trailer and transported by Hydro-Chem Services to the Erickson Inc. tank facility in Richmond, California for disposal. A copy of the Uniform Hazardous Waste Manifests for the transportation and disposal of the tank and waste water are included in Appendix A. The tank certificate of destruction is also provided.

COPY

2.2 Soil Sampling

Upon removal of the tank, Scott O. Seery from Alameda County Health requested a ground water sample (EP1 Water) be retrieved from the bottom of the excavation before the backfill material was excavated from the tank pit. The backfill material was then excavated to a depth of eleven (11) feet below grade, where the concrete ballast pad was encountered. A sample (SP1) of the stockpiled soil material was collected. The sample was obtained from one location in the stockpiled material.

Confirmatory sampling of the native soil at the bottom of the tank pit excavation was conducted upon removal of the tank backfill material. Soil samples EP1W and EP2E were obtained from the north and south ends of the excavation floor utilizing a manually operated slide hammer sampling device. The samples were obtained at the edge of the ballast slab at a depth of eleven (11) feet below grade. The confirmatory sample locations were determined by Mr. Seery. The locations of the confirmatory samples are shown on Figure 2.

3.0 SOIL SAMPLE ANALYSES

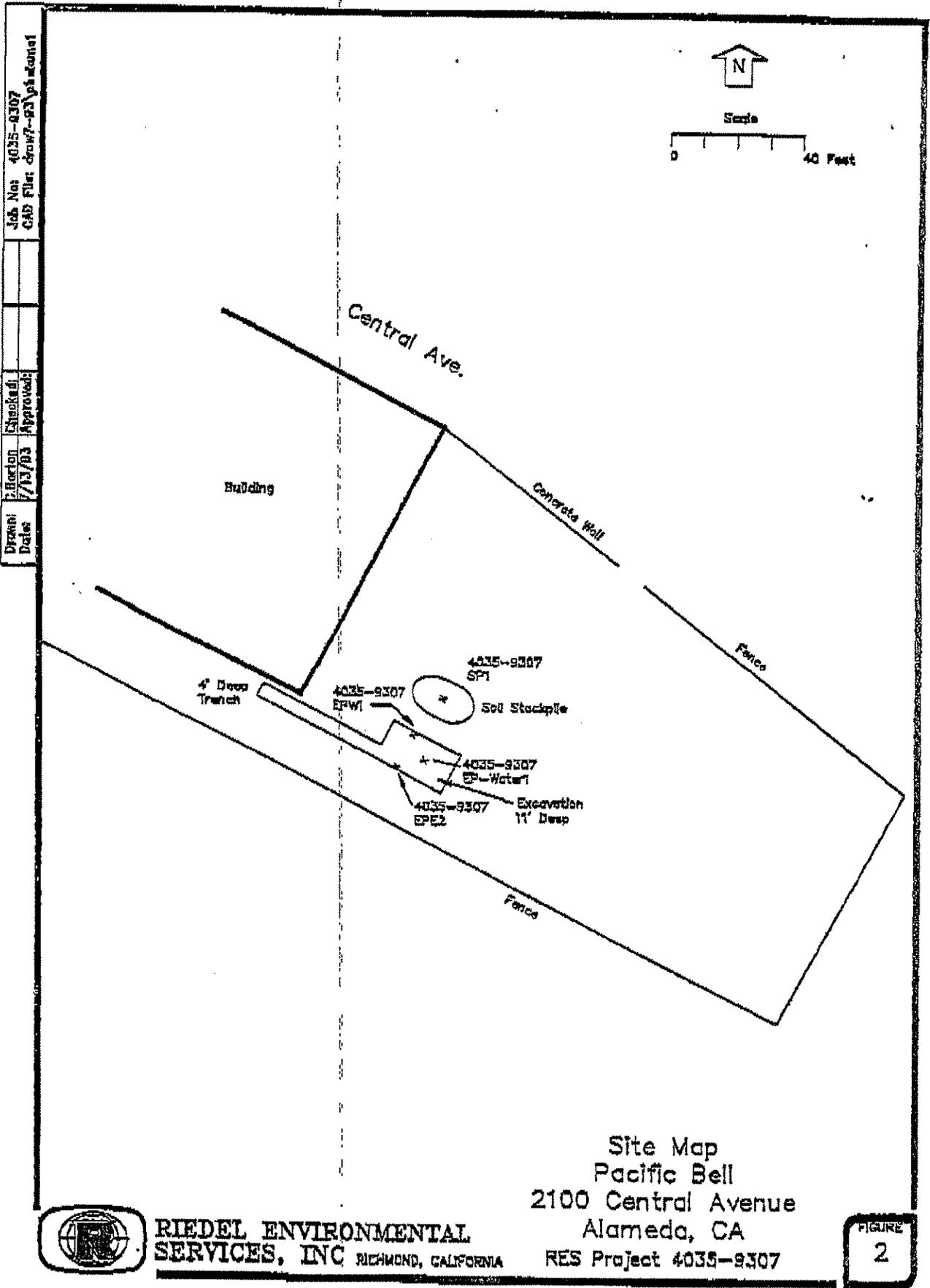
The confirmation samples were relinquished to Argon Mobile Labs mobile laboratory for on-site analysis. All four samples were analyzed on-site for total petroleum hydrocarbon as diesel (TPHd) by DHS/EPA Methods 3550/8015 and the fuel components benzene, toluene, ethylbenzene and xylene (BTEX) by EPA Method 8020.

The results of the on-site analytical testing indicated that no detectable concentrations of TPHd or BTEX were present in the three samples (EP1 water, EP1W and EP2E) obtained from the bottom of the UST excavation or in the sample (SP1) of the stockpiled soil. Copies of the laboratory analytical report and the accompanying chain-of-custody document are provided in Appendix B.

APPENDIX A

Tank Destruction Certificate
Uniform Hazardous Waste Manifest (tank)
Uniform Hazardous Waste Manifests (water)

4035-9307KPPBALMDA.RPT\27JULY93



Job No:	4035-9307
Checked:	CAD FILE
Approved:	7/15/93
Drawn:	
Date:	

Site Map
 Pacific Bell
 2100 Central Avenue
 Alameda, CA
 RES Project 4035-9307

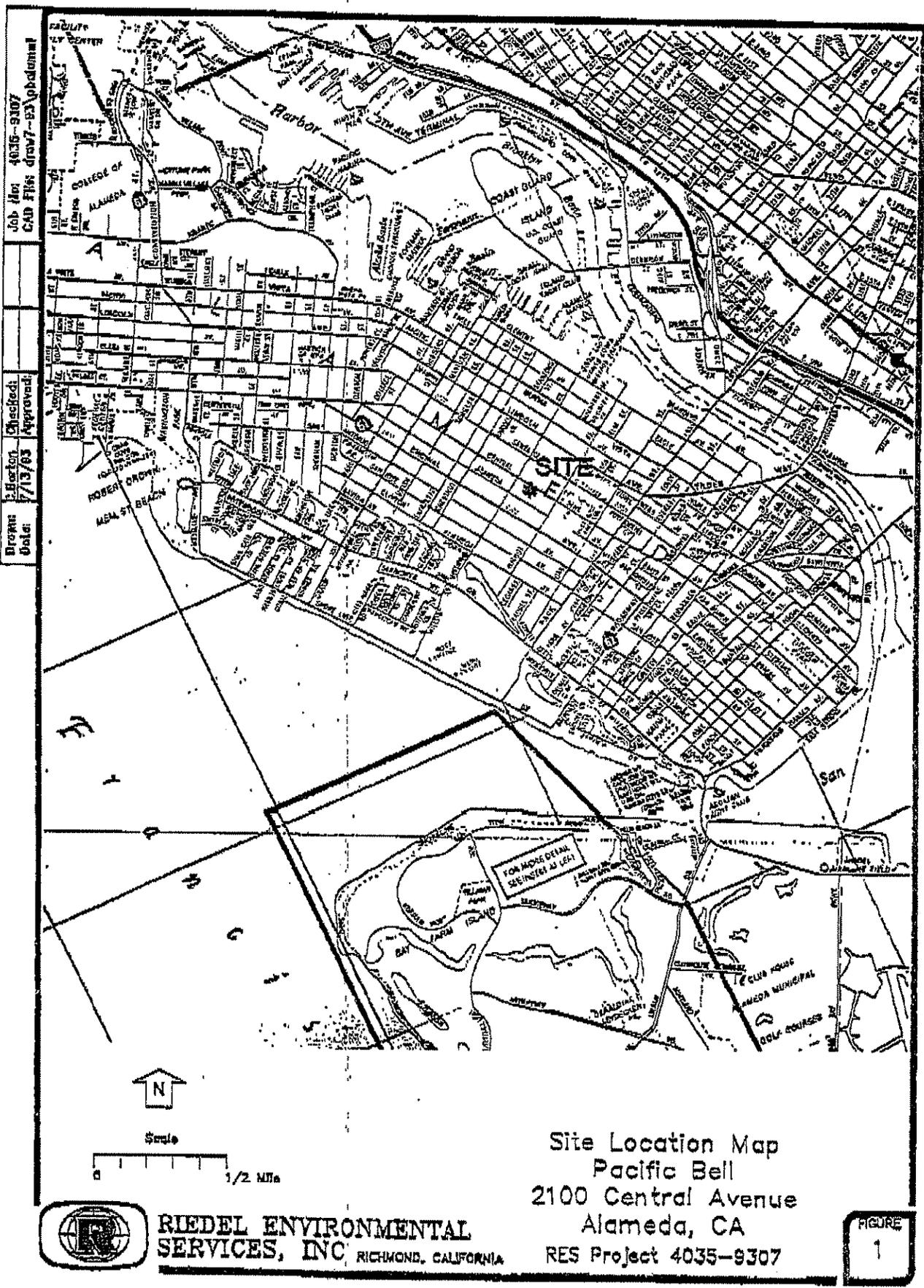


RIEDEL ENVIRONMENTAL SERVICES, INC RICHMOND, CALIFORNIA

FIGURE
 2

APPENDIX B
Laboratory Data Sheets
Chain-of-Custody Record

4035-9307AKIPRAI.MDA.RPT.27/UL.Y93



TELEPHONE (510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Park Boulevard - Richmond, California 94801

CUSTOMER NO.	004
NO.	1596
JOB NO.	82080

FOR: Erickson, Inc. TANK NO. 11617

LOCATION: Richmond DATE: 07/20/93 TIME: 13:47:57

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT D

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 6000 Gallon Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9%
LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY."

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) in the judgment of the inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) in the judgment of the inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

<u>[Signature]</u>	<u>[Signature]</u>
REPRESENTATIVE	INSPECTOR
TITLE	

CP599

Please print or type. Form designed for use on site (12-point) typewriter.

Department of Fish & Wildlife, Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

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

CA170310115310861951612

of 1

3. Generator's Name and Mailing Address

PACIFIC BELL
2600 CAMINO RAMON
SAN RAMON CA 94523
Generator's Phone (510) 967-5125

32669562

5. Transporter 1 Company Name

6. US EPA ID Number

HYDRO-CHEM SERVICES

CA091810181145714

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ERICKSON INC
235 PARK BLVD
RICHMOND CA 94801

10. US EPA ID Number

CA010101941613192

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

a. WASTE EMPTY STORAGE TANK
NON RECA HAZARDOUS WASTE SOLID

12. Comma No. Type

13. Total Quantity

14. Unit Wt/Vol

0101 TIP 0161000 P

15. Special Handling Instructions and Additional Information

KEEP AWAY FROM ALL SPARKS AND OPEN FLAMES. WEAR PROPER RESPIRATORY PROTECTION AND PRESUME PASTORAL COYHIAL

24 HR. EMERGENCY CONTACT: 209-442-2345. ATTN: CONNIE

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

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

Printed/Typed Name

DUANE WALLACE

Signature

[Signature]

Month Day Year

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

ROSS W ALLEN

Signature

[Signature]

Month Day Year

07/12/93

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

16 - DATE 07/12/93

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

Printed/Typed Name

DAVID SITO

Signature

[Signature]

Month Day Year

07/12/93

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802, WITHIN CALIFORNIA, CALL 1-800-852-7350

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9802. WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's LIS EPA ID No. **CA10181010115131018** Manifest Document No. **6191561** 2. Page 1 of 1

3. Generator's Name and Mailing Address **Pacific Bell (SITE ADDRESS) 2100 CENTRAL AVE ALAMEDA, CA**

4. Generator's Phone (SW) **867-5125**

5. Transporter 1 Company Name **ERIKROW INC** 6. US EPA ID Number **CA10001916631912**

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

9. Designated Facility Name and Site Address **6150W ENVIRONMENTAL 475 SEA POST BLVD REDWOOD CITY CA 94063** 10. US EPA ID Number **CA10014321607102**

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

11. US DOT Description	12. Container		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
HAZARDOUS WASTE LIQUID N.O.S. ORME NA 9189	01	T	010145	6

12. Additional Descriptions for Materials Listed Above **RIKON**

13. Special Handling Instructions and Additional Information **KEEP AWAY FROM ALL SPARKS AND OPEN FLAMES WEAR PROPER PROTECTIVE CLOTHING AND RESPIRATORY PROTECTION. 24 Hr EMERGENCY CONTACT CALL RIEDEL ENV 1-800-334-0004 Kevin Toole**

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

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future waste management method that is available to me and that I can afford.

Printed/Typed Name **DAVID WALLACE** Signature **David Wallace** Month **7** Day **12** Year **93**

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name **DAVID BUNCE** Signature **David Bunce** Month **7** Day **12** Year **93**

18. Transporter 2 Acknowledgment of Receipt of Materials

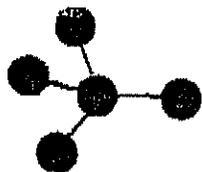
Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

19. Discrepancy Indication Space

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

Printed/Typed Name **JAMES V VERHWYST** Signature **J Verwyst** Month **07** Day **12** Year **93**

DO NOT WRITE BELOW THIS LINE.



Argon Mobile Labs

3008 McKittrick Ct., Suite N • Ceres, CA 95307 • (209) 537-7836

RIEDEL ENVIRONMENTAL SERVICES, INC.
4138 Lakeside Dr.
Richmond, CA 94806
Attn: Kevin M. Poeltl
Project Manager

Date Sampled: 07/12/93
Date Received: 07/12/93
Date Reported: 07/12/93

Project ID: 4035-9307
Sample ID: 4035-9307
SP 1

Lab Number: T307051
Matrix: Soil

BTX&E

ANALYTE	Detection Limit ppm	Sample Results ppm
Benzene	0.005	<0.005
Toluene	0.005	<0.005
Xylenes	0.005	<0.005
Ethylbenzene	0.005	<0.005

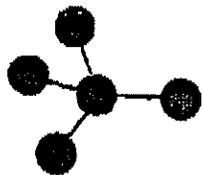
QA/QC: 84% Surrogate Spike Recovery

Note: Analysis was performed using EPA methods 5030/8020

ARGON MOBILE LABS

Hiram Custo

Hiram Custo
Lab Director



Argon Mobile Labs

3008 McKittrick Ct., Suite N • Ceres, CA 95307 • (209) 537-7836

RIEDEL ENVIRONMENTAL SERVICES, INC.
4138 Lakeside Dr.
Richmond, CA 94806
Attn: Kevin M. Poeltl
Project Manager

Date Sampled: 07/12/93
Date Received: 07/12/93
Date Reported: 07/12/93

Project ID: 4035-9307
Sample ID: 4035-9307
EPI Water

Lab Number: T307052
Matrix: Water

BTX&E

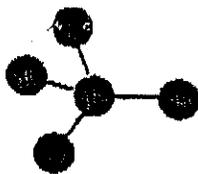
ANALYTE	Detection Limit ppb	Sample Results ppb
Benzene	0.5	<0.5
Toluene	0.5	<0.5
Xylenes	0.5	<0.5
Ethylbenzene	0.5	<0.5

QA/QC: Blank is none detected.
94% Surrogate Spike Recovery

Note: Analysis was performed by EPA methods 5030/8020

ARGON MOBILE LABS

Hiram Cueto
Hiram Cueto
Lab Director



Argon Mobile Labs

3008 McKittrick Ct., Suite N • Ceres, CA 95307 • (209) 537-7836

RIEDEL ENVIRONMENTAL SERVICES, INC.
4138 Lakeside Dr.
Richmond, CA 94806
Attn: Kevin M. Foeltl
Project Manager

Date Sampled: 07/12/93
Date Received: 07/12/93
Date Reported: 07/12/93

Project ID: 4035-9307
Sample ID: 4035-9307
EP 1 W

Lab Number: T307053
Matrix: Soil

BTX&E

ANALYTE	Detection Limit ppm	Sample Results ppm
Benzene	0.005	<0.005
Toluene	0.005	<0.005
Xylenes	0.005	<0.005
Ethylbenzene	0.005	<0.005

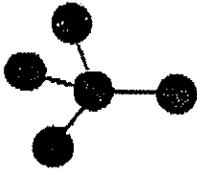
QA/QC: 110% Surrogate Spike Recovery
81% Matrix Spike Recovery

Note: Analysis was performed using EPA methods 5030/8020

ARGON MOBILE LABS

Hiram Cueto

Hiram Cueto
Lab Director



Argon Mobile Labs

3008 McKittrick Ct., Suite N • Ceres, CA 95307 • (209) 537-7836

RIEDEL ENVIRONMENTAL SERVICES, INC.
4138 Lakeside Dr.
Richmond, CA 94806
Attn: Kevin M. Poeltl
Project Manager

Date Sampled: 07/12/93
Date Received: 07/12/93
Date Reported: 07/12/93

Project ID: 4035-9307
Sample ID: 4035-9307
EP 2 E

Lab Number: T307054
Matrix: Soil

BTX&E

ANALYTE	Detection Limit ppm	Sample Results ppm
Benzene	0.005	<0.005
Toluene	0.005	<0.005
Xylenes	0.005	<0.005
Ethylbenzene	0.005	<0.005

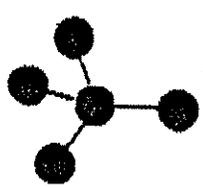
QA/QC: 87% Surrogate Spike Recovery

Note: Analysis was performed using EPA methods 5030/8020

ARGON MOBILE LABS

Hiram Cueto

Hiram Cueto
Lab Director



Argon Mobile Labs

3008 McKittrick Ct., Suite N • Ceres, CA 95307 • (209) 537-7836

RIEDEL ENVIRONMENTAL SERVICES, INC.
4138 Lakeside Dr.
Richmond, CA 94806
Attn: Kevin M. Poeltl
Project Manager

Date Sampled: 07/12/93
Date Received: 07/12/93
Date Reported: 07/12/93

Project ID: 4035-9307

Matrix: Soil

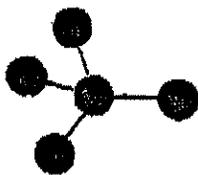
Sample Number	Sample Description	TPH-Diesel	Total Petroleum Hydrocarbons as Diesel
		Detection Limit ppm	ppm
T307051	4035-9307 SF 1	5.0	<5.0
T307053	4035-9307 EP 1 W	5.0	<5.0
T307054	4035-9307 EP 2 E	5.0	<5.0

QA/QC: Blank is none detected.
114% Spike Recovery (T307051)
1.9% Duplicate Spike Recovery

Note: Analysis was performed by EPA methods 3510/TPH-LUFT
ppm = ug/Kg

ARGON MOBILE LABS

Hiram Cueto
Hiram Cueto
Lab Director



Argon Mobile Labs

3008 McKittrick Ct., Suite N • Ceres, CA 95307 • (209) 537-7836

RIEDEL ENVIRONMENTAL SERVICES, INC.
 4138 Lakeside Dr.
 Richmond, CA 94806
 Attn: Kevin M. Poeltl
 Project Manager

Date Sampled: 07/12/93
 Date Received: 07/12/93
 Date Reported: 07/12/93

Project ID: 4035-9307

Matrix: Water

Sample Number	Sample Description	TPH-Diesel	Total Petroleum Hydrocarbons as Diesel
		Detection Limit	
		ppb	ppb
T307052	4035-9307 EPI Water	50	<50

QA/QC: Blank is none detected.
 114% Spike Recovery (T307051)
 1.9% Duplicate Spike Recovery

Note: Analysis was performed by EPA methods 3510/TPH-LUFT
 ppb = ug/L

ARGON MOBILE LABS

Hiram Cueto
 Hiram Cueto
 Lab Director

CHROMALAB, INC.

DOIHS 1094

2239 Omega Road, #1 • San Ramon, California 94583
510/831-1788 • Facsimile 510/831-8798

Chain of Custody

DATE 12/26/93 PAGE 1 OF 1

PROJ. MGR. <u>Kevin M. Poehl</u> COMPANY <u>Riedel Env.</u> ADDRESS <u>4138 Lakeside Dr</u> <u>Richmond CA 94806</u>				ANALYSIS REPORT																	
SAMPLERS (SIGNATURE) 		(PHONE NO.) <u>510-222-7810</u>		TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/STEX (EPA 602, 8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS STEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8260, 8242)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 825)	TOTAL OIL & GREASE (EPA 5520, A-F, E-F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 609, 8090)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (GLP, STLC)	NUMBER OF CONTAINERS	
SAMPLE ID	DATE	TIME	MATRIX	PRESTNY																	
<u>4035-9307</u>	<u>12/26/93</u>	<u>1155</u>				X	X														
<u>4035-9307</u>																					
<u>EP 1 control</u>	<u>12/30/93</u>	<u>1330</u>				X	X														
<u>4035-9307</u>																					
<u>EP 1 W</u>	<u>12/30/93</u>	<u>1420</u>				X	X														
<u>4035-9307</u>																					
<u>EP 2 E</u>	<u>12/30/93</u>	<u>1425</u>				X	X														

PROJECT INFORMATION				SAMPLE RECEIPT				RELINQUISHED BY			RELINQUISHED BY			RELINQUISHED BY				
PROJECT NAME: <u>PAC BELL Alameda</u>		TOTAL NO. OF CONTAINERS		HEAD SPACE		REC'D GOOD CONDITION/GOLD		CONFORMS TO RECORD		SIGNATURE  KEVIN M. POEHL RIEDEL ENV. [COMPANY]			SIGNATURE [SIGNATURE] [DATE]			SIGNATURE [SIGNATURE] [DATE]		
PROJECT NUMBER: <u>4035-9307</u>		[]		[]		[]		[]		PRINTED NAME [PRINTED NAME] [DATE]			PRINTED NAME [PRINTED NAME] [DATE]			PRINTED NAME [PRINTED NAME] [DATE]		
P.O. #		[]		[]		[]		[]		[COMPANY]			[COMPANY]			[COMPANY]		
TAT	STANDARD 5-DAY	[]	[]	[]	24	48	72	OTHER	RECEIVED BY			RECEIVED BY			RECEIVED BY (LABORATORY)			
SPECIAL INSTRUCTIONS/COMMENTS:									SIGNATURE  HIRAM CUETO [COMPANY]			SIGNATURE [SIGNATURE] [DATE]			SIGNATURE [SIGNATURE] [DATE]			
									PRINTED NAME <u>Argon Mobile Labs</u> [COMPANY]			PRINTED NAME [PRINTED NAME] [DATE]			PRINTED NAME [PRINTED NAME] [DATE]			