SUBSURFACE ENVIRONMENTAL CORP

August 16, 1994

Ms. Juliet Shin
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: Tank Removal Closure Request
Z Rental Properties, 711 Cleveland Avenue, Albany, CA

Dear Ms. Shin:

On July 29, 1994, First Environmental Group (FEG) submitted their closure report to your office for the bioremediation of petroleum hydrocarbon-impacted soil at the property located at 711 Cleveland Avenue in Albany, California. Analytical laboratory results indicated that bioremedial activities were successful in reducing the TPH-G and TRPH concentrations in the stockpiled soil to below the approved clean-up level of 10mg/kg, as specified in the FEG Work Plan dated April 25, 1994.

Pursuant to your request, the soil was also analyzed for Pesticides. Analytical results showed concentrations of the pesticide compounds several orders of magnitude below Title 22 Total Threshold Limit (TTLCs) as stated in Cambria Environmental Technology's letter dated July 29, 1994.

Based on your approval of work performed and analytical results, we requested permission from you to backfill with the remediated soil and it was granted on August 9, 1994. We completed the backfill work on August 10, 1994.

All conditions for closure as required by your office and the State of California Regional Water Quality Control Board have been met. Therefore, we respectfully request permanent closure of this site.

Please provide a letter stating that all work was performed satisfactorily and that the County considers the matter closed.

Please do not hesitate to call if you have any questions. We greatly appreciate your cooperation and assistance throughout this project.

Sincerely,

Roxanne Harris

Roxanne Harris
President

cc: Frank Zichichi, Z Rental Properties

Enclosures

• 11072 San Pablo Avenue Suite 315 • El Cerrito California 94530 • (510) 215-6553 • Fax 234-7521 •

CAMBRIA
Environmental Technology, Inc.

COPY

July 29, 1994

Juliet Shin
Alameda County Department
of Environmental Health
1131 Harbor Bay Parkway, Second Floor
Alameda, CA 94502

Re: 711 Cleveland Avenue
Albany, California
ACDEH Case # 1565
Cambria Proj. # 10-118

Dear Ms. Shin:

Cambria Environmental Technology, Inc. has been retained by Subsurface Environmental of San Francisco, California to assist with the evaluation of soils for backfilling at the site referenced above. According to Roxanne Harris of Subsurface Environmental, you have requested that the property owner analyze previously characterized and remediated soil for pesticides that were detected in the originally excavated soil.[1] This letter presents rationale for not analyzing any additional samples for these compounds.

According to Ms. Harris, soil previously excavated from the site has been bioremediated to reduce gasoline and diesel concentrations to less than 10 parts per million (ppm) before backfilling. Apparently, the compounds Aldrin and 4,4'-DDD were detected in the soil before bioremediation, at maximum concentrations of 0.0095 and 0.041 parts per million (ppm), respectively (Attachment A). The Title 22 Total Threshold Limit Concentrations (TTLCs) for these two compounds are 1.4 and 1.0 ppm, respectively. Therefore, the concentrations detected are several orders of magnitude below TTLCs.

Since the concentrations of Aldrin and 4,4'-DDD were well below TTLCs, and since at least eleven samples were analyzed for these compounds, it does not appear that Aldrin or 4,4'-DDD are in the soil above regulatory limits. Because analysis for these compounds is expensive and the property owner has limited resources, we request that you approve the backfilling of the remediated soil into the excavation without additional analysis for these compounds.

We appreciate your cooperation in this matter. Please call if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

REGISTERED GEOLOGIST
N. SCOTT MacLEOD
No. 5747
STATE OF CALIFORNIA

N. Scott MacLeod, R.G.
Principal Geologist
Attachment: Laboratory Analytic Report
D(NSM):\PROJECT\SEC\MISC\ALB-LTR1.WPD
cc: Roxanne Harris, Subsurface Environmental, San Francisco, California

---

1 Telephone conversation between Cambria Principal Geologist N. Scott MacLeod and Roxanne Harris of Subsurface Environmental regarding soil backfilling at 711 Cleveland Avenue, Albany, California.

First Environmental Group
J.J. Magana Corporation
Martinez Industrial Services
MDW Industrial Services

3501 Collins Avenue
Richmond, CA 94806
(510) 232-0202
Fax (510) 232-5844

July 29, 1994

Juliet Shin
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Suite 250
Alameda, CA 94502

Subject: Soil Bioremediation Report
Z Rental Properties
711 Cleveland Avenue
Albany, California

Dear Ms. Shin:

At the request of Subsurface Environmental of San Francisco, California, we have enclosed our report for the bioremediation of petroleum hydrocarbon-impacted soil at the property located at 711 Cleveland Avenue in Albany, California. The bioremedial activities were conducted from May 20, 1994 through July 21, 1994.

This report describes the bioremedial activities, which included:

° bioremedial product application
° verification sample collection

This report also presents the laboratory analytical results of the soil samples collected from the treated soil and our findings and conclusions regarding the bioremedial activities.

If you have any questions or comments concerning this report, please call.

Sincerely,

Dan Etheredge
Project Manager

SOIL BIOREMEDIATION REPORT

Z RENTAL PROPERTIES
711 CLEVELAND AVENUE
ALBANY, CALIFORNIA

JULY 29, 1994

prepared by:

First Environmental Group

Dan Etheredge
Project Manager

Paul H. King
CA Registered Geologist, #5901
expires: 12/31/95

Prepared for:

Subsurface Environmental
1796 18th Street, Suite C
San Francisco, California

LIST OF TABLES

CONTENTS

LIST OF FIGURES

LIST OF APPENDICES

SOIL BIOREMEDIATION REPORT

Z RENTAL PROPERTIES
711 CLEVELAND AVENUE
ALBANY, CALIFORNIA

1.0 INTRODUCTION

At the request of Subsurface Environmental, First Environmental Group (FEG) bioremediated petroleum hydrocarbon-impacted soil stockpiled at the Z Rental Properties property at 711 Cleveland Avenue in Albany, California (the Site). A Site Location Map is attached as Figure 1. The remedial activities were conducted from May 20, 1994 through July 21, 1994, in accordance with FEG's Work Plan dated April 25, 1994. Approval of the FEG Work Plan was provided by Juliet Shin of the Alameda County Department of Environmental Health (ACDEH), in a letter dated May 12, 1994.

ACDEH served as the lead regulatory agency, with Juliet Shin as the ACDEH Case Officer.

This report describes bioremedial activities performed at the Site, which included bioremedial product application and subsequent verification sampling activities. The report includes the laboratory analytical results of the soil verification samples collected from the treated soil and our findings and conclusions regarding the remediation activities.

2.0 SITE DESCRIPTION

2.1 Site History

The Site is located at 711 Cleveland Avenue in Albany, California. It is FEG's understanding that underground storage tanks (USTs) at the Site were used to store diesel fuel and gasoline. It is also FEG's understanding that all USTs were removed under the direction and approval of ACDEH. The results of soil samples collected from the tank pit during the UST removal activities indicated that petroleum hydrocarbon contamination was present in onsite soils.

Soil surrounding the former tank location was reported to have been excavated and stockpiled adjacent to the tank pit. It is FEG's understanding that approximately 750 cubic yards of petroleum hydrocarbon impacted soil was excavated at the Site. Petroleum hydrocarbon contamination, in the form of total petroleum hydrocarbons as

gasoline (TPH-G) and total petroleum hydrocarbons as diesel (TPH-D) was detected in the soil at concentrations up to 220 mg/kg and 2,100 mg/kg, respectively.

It is FEG's understanding that the Site has been sold to Caltrans. Following remedial activities, it is FEG's understanding that a freeway on-ramp will be constructed at the Site.

2.2 Physical Description of Site

The Site is located in the northwest portion of Albany, California. The structures present in the surrounding vicinity of the Site consist of older residential and light industrial zoned buildings. The subject property houses three steel building structures.

The Site topography is relatively flat. The topography immediately surrounding the subject Site slopes upwards to the east, to the El Cerrito Hills and slopes downward to the west to the San Francisco Bay. The Site is approximately 400 feet east of the San Francisco Bay, which is the nearest surface water body.

3.0 BIOREMEDIAL PRODUCT APPLICATION

The soil was bioremediated in two phases. During the first phase, the contaminated soil stockpile was bioremediated by loading the petroleum hydrocarbon-affected soil into a Rotar screening unit. The Rotar unit oxygenated and screened the soil while a treatment enzyme was applied. Following soil oxygenation, screening, and application of the enzyme to the soil, berms were constructed adjacent to the original stockpile location with the newly treated soil. The soil was exposed to the enzyme for a period of 5 weeks prior to the second phase of bioremediation.

A Rotar Screening unit, mounted in place of the loader bucket on a Caterpillar front end loader, was used to apply the bioremedial enzyme product. The Rotar uses a tumbling drum which tills the soil, while oxygenating the soil and screening out larger rocks. The enzyme product, which is stored in portable tanks mounted on the loader, is applied to the soil with the use of a spray bar as the soil spins within the Rotar bucket.

During the second phase of bioremediation, a tractor mounted rototiller was used to till the soil. The enzyme was sprayed directly into the soil with the use of a trailer mounted water tank and pressure spraying unit.
The soil was subsequently allowed to bioremediate for a period of two weeks after the second application of the enzyme prior to final verification sampling.

4.0 VERIFICATION SAMPLING AND ANALYSIS

4.1 Sample Collection Activities

After the first treatment phase, the soil was sampled for the purpose of evaluating the effectiveness of the bioremedial activities. On June 8, 1994, one discreet soil sample was collected for every 30 cubic yards of treated soil, as per ACDEH requirements described in a letter dated May 12, 1994. A total of 25 evaluation samples were collected, designated as sample numbers1 through 25. The sample collection locations for the evaluation samples collected on June 8, 1994, are shown in Figure 2.

After the second treatment phase, the soil was sampled for the purpose of verifying the effectiveness of the bioremedial activities. On July 21, 1994, one discreet sample was collected for every 30 cubic yards of treated soil. A total of 25 verification samples were collected, designated as sample numbers 1 through 25. The sample collection locations for the verification samples collected on July 21,1994, are shown in Figure 3.

Soil samples were collected by driving precleaned brass tubes into the treated soil. The samples completely filled the tubes to eliminate head space. The ends of the tubes were covered with aluminum foil and plastic end caps. The plastic end caps were taped with duct tape to prevent possible moisture and chemical loss. The samples were then labeled and immediately placed in a chilled cooler containing ice for delivery to the analytical laboratory.

4.2 Analytical Methodology

The soil samples collected on June 8, and July 21, 1994, were submitted to American Environmental Network, Inc., of Pleasant Hill, California, a state-certified laboratory. Chain of custody procedures were observed for all sample handling.

Prior to analysis for the samples collected on June 8, 1994, EPA Method 3611 was used to remove the non-hazardous bio-organic fatty acids that are one of the intermediate products of the bioremediation treatment process.

The samples collected on June 8, 1994, were analyzed for the following constituents:

- TPH-G using EPA Method 5030 (GCFID); and Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) using EPA Method 8020.
- TPH-D using EPA Method 3550 (GCFID).

Prior to analysis for the samples collected on July 21, 1994, Standard Method 5520 F was used to remove the non-hazardous bio-organic fatty acids that are one of the intermediate products of the bioremediation treatment process.

The samples collected on July 21, 1994, were analyzed for the following constituents:

- Total recoverable petroleum hydrocarbons (TRPH) using Standard Method 5520 F

The TRPH analysis includes TPH-D range compounds.

4.3 Analytical Results

The laboratory analytical results of the evaluation soil samples collected on June 8, 1994, from the treated soil are presented in Table 1. The results show that the TPH-G and BTEX contamination was reduced to levels below their detection limits of 0.3 mg/kg to 0.8 mg/kg and 0.005 mg/kg, respectively. TPH-D was detected at concentrations ranging from 53 to 1,000 mg/kg.

The laboratory analytical results of the verification samples collected on July 21, 1994, from the treated soil are presented in Table 2. The results show that TRPH concentrations were reduced to below the detection limit of 10 mg/kg.

Copies of the laboratory analytical reports and chain of custody documentation for both sampling events are presented in the appendix.

Evaluation of the sample results indicates that the bioremedial activities were successful in reducing the TPH-G and TRPH concentrations in the stockpiled soil to below the approved clean-up level of 10 mg/kg, as specified in the FEG Work Plan dated April 25, 1994.

5.0 CONCLUSIONS

Based upon the analytical laboratory results of the verification soil samples collected from the soil following bioremediation, the bioremediation activities at the Site were successful in reducing the concentrations of petroleum hydrocarbons to levels below the approved clean-up level of 10 mg/kg, in accordance with the FEG Work Plan, dated April 25, 1994. A total of approximately 750 cubic yards of soil was treated at the Site. The laboratory analytical results indicate that no further remediation of the soil is required.

6.0 DISTRIBUTION

Copies of this report should be sent to Ms. Juliet Shin at the Alameda County Department of Environmental Health and to Mr. Kevin Graves at the Regional Water Quality Control Board, San Francisco Bay Region.

7.0 LIMITATIONS

This report was prepared solely for the use of Subsurface Environmental. The content and conclusions provided by FEG in this report are based on information collected during our Site activities, which may include, but not be limited to, visual site inspections, interviews with the site owner, regulatory agencies and other pertinent individuals, review of available public documents, and our professional judgment based on said information at the time of preparation of this document.

This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information contained herein is brought to the attention of the appropriate regulatory agencies, where required by law. Additionally, it is the sole responsibility of the owner to properly dispose of any hazardous materials or hazardous wastes left onsite, in accordance with existing laws and regulations.

This report has been prepared in accordance with generally accepted practices using standards of care and diligence normally practiced by recognized environmental firms performing services of a similar nature. FEG is not responsible for the accuracy or completeness of information provided by other individuals or entities which are used in this report. This report presents our professional judgment based upon data and findings identified in this report and interpretation of such data based upon our experience and background, and no warranty, either expressed or implied, is made. The conclusions presented are based upon the current regulatory climate and may require revision if future regulatory changes occur.

TABLE 1

EVALUATION SAMPLE RESULTS
Sample Collection of June 8, 1994
711 Cleveland Avenue
Albany, California

(results expressed in mg/kg)

Sample Number	TPH-G	DL	BTEX	DL	TPH-D	DL
1	ND	0.3	ND	0.005	250	1
2	ND	0.4	ND	0.005	180	1
3	ND	0.3	ND	0.005	130	1
4	ND	0.4	ND	0.005	340	1
5	ND	0.3	ND	0.005	300	1
6	ND	0.5	ND	0.005	180	1
7	ND	0.5	ND	0.005	270	1
8	ND	0.6	ND	0.005	480	1
9	ND	0.6	ND	0.005	220	1
10	ND	0.5	ND	0.005	420	1
11	ND	0.7	ND	0.005	180	1
12	ND	0.8	ND	0.005	310	1
13	ND	0.7	ND	0.005	130	1
14	ND	0.4	ND	0.005	1,000	1
15	ND	0.5	ND	0.005	240	1
16	ND	0.4	ND	0.005	130	1
17	ND	0.5	ND	0.005	200	1
18	ND	0.4	ND	0.005	53	1
19	ND	0.4	ND	0.005	150	1
20	ND	0.4	ND	0.005	170	1
21	ND	0.5	ND	0.005	150	1
22	ND	0.4	ND	0.005	280	1
23	ND	0.3	ND	0.005	770	1
24	ND	0.4	ND	0.005	570	1
25	ND	0.8	ND	0.005	62	1

TPH-G Total petroleum hydrocarbons as gasoline, EPA Method 5030 (GCFID)
BTEX Benzene, toluene, ethylbenzene, xylene, EPA Method 8020
TPH-D Total petroleum hydrocarbons as diesel, EPA Method 3550 (GCFID)
DL Detection Limit
ND Not detected

TABLE 2

VERIFICATION SAMPLE RESULTS
Sample Collection of July 21, 1994
711 Cleveland Avenue
Albany, California

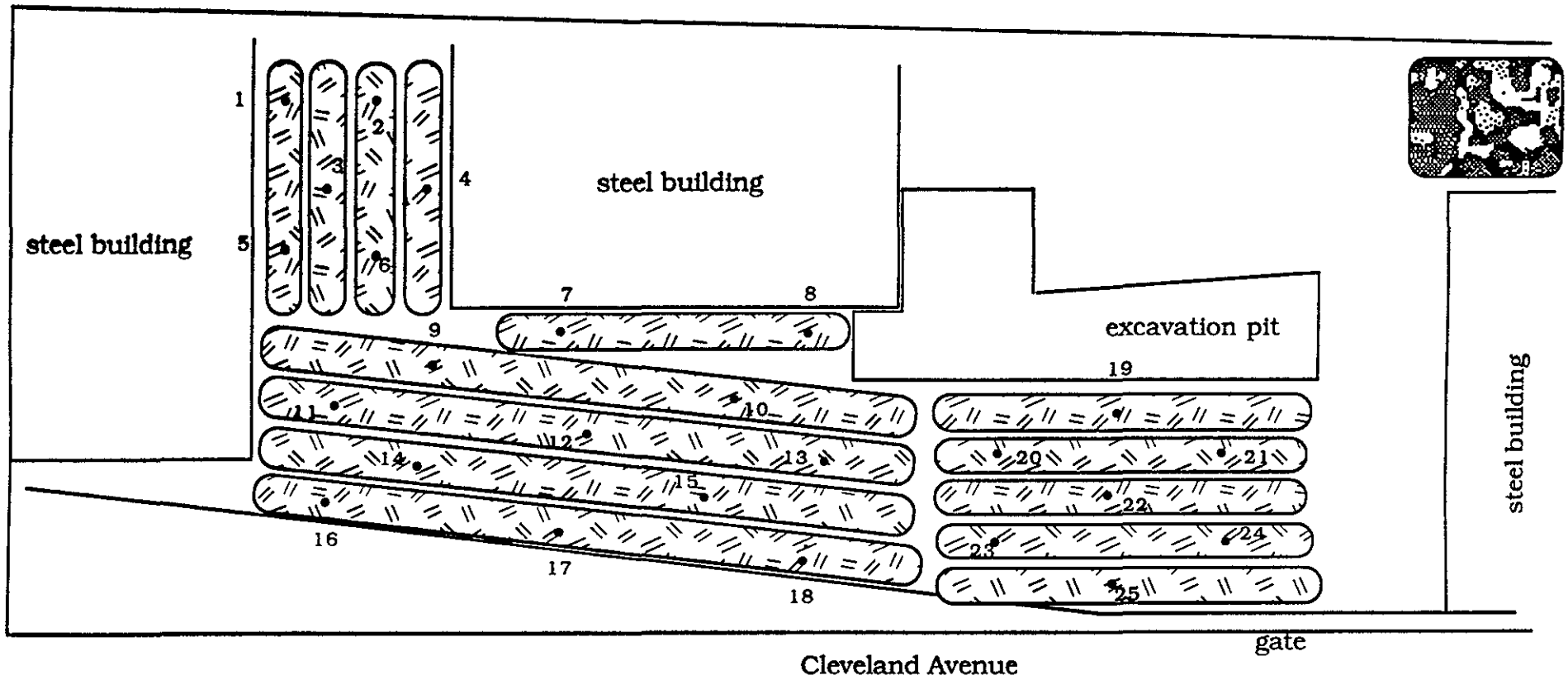
(results expressed in mg/kg)

Sample Number	TRPH	DL
1	ND	10
2	ND	10
3	ND	10
4	ND	10
5	ND	10
6	ND	10
7	ND	10
8	ND	10
9	ND	10
10	ND	10
11	ND	10
12	ND	10
13	ND	10
14	ND	10
15	ND	10
16	ND	10
17	ND	10
18	ND	10
19	ND	10
20	ND	10
21	ND	10
22	ND	10
23	ND	10
24	ND	10
25	ND	10

TRPH Total recoverable petroleum hydrocarbons, Standard Method 5520F
DL Detection Limit
ND Not detected

Map Source: California State Automobile Association

Scale: As Shown	July, 1994	SITE MAP	Figure 1
First Environmental Group		711 Cleveland Avenue, Albany, California	project # 41001



Legend

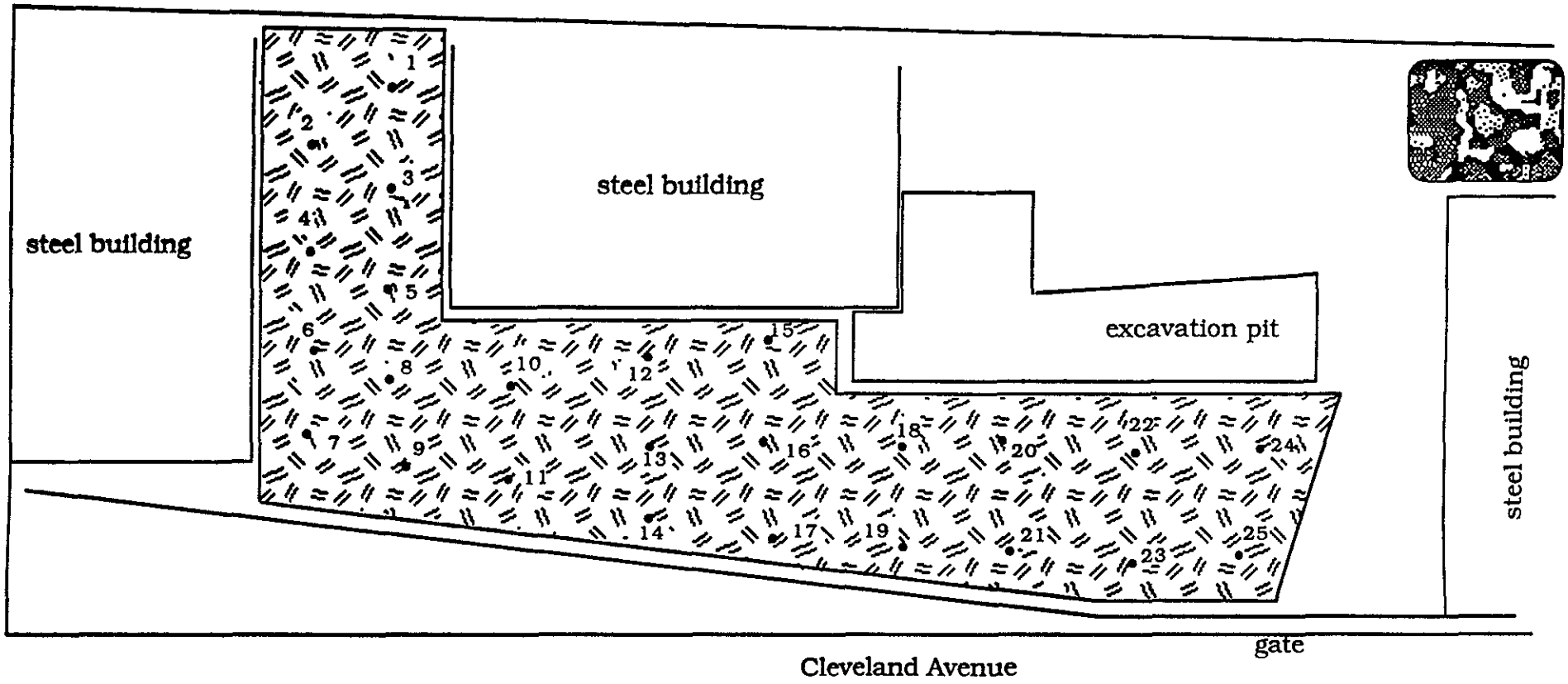
treated soil berm

rock, debris pile

25 sample collection location and sample number

N

Scale: not to scale	July, 1994	**SITE PLAN SHOWING SAMPLE COLLECTION LOCATIONS, June 8, 1994** 711 Cleveland Avenue, Albany, California	Figure **2**
First Environmental Group			project #: 41001



Legend

treated soil

rock, debris pile

25 sample collection location and sample number

N

Scale: not to scale	July, 1994	**SITE PLAN SHOWING SAMPLE COLLECTION LOCATIONS, July 21, 1994** 711 Cleveland Avenue, Albany, California	Figure **3**
First Environmental Group			project #: 41001

Appendix 1

Laboratory Analytical Reports and Chain of Custody Documentation

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 1
AEN LAB NO: 9406101-01
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/15/94
Toluene	108-88-3	ND	5	ug/kg	06/15/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/15/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/15/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.3	mg/kg	06/15/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/14/94
TPH as Diesel	GC-FID	250 *	1	mg/kg	06/18/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/17/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP
3501 COLLINS AVENUE
RICHMOND, CA 94806

ATTN: DAN ETHEREDGE
CLIENT PROJ. ID: ALBANY

REPORT DATE: 07/01/94
DATE(S) SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
AEN WORK ORDER: 9406101

PROJECT SUMMARY:

On June 9, 1994, this laboratory received 25 soil sample(s).

Client requested samples be analyzed for organic parameters. Sample identification, methodologies, results and dates analyzed are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

If you have any questions, please contact Client Services at (510) 930-9090.

Larry Klein
Laboratory Director

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 2
AEN LAB NO: 9406101-02
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.4	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/14/94
TPH as Diesel	GC-FID	180 *	1	mg/kg	06/18/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/17/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 3
AEN LAB NO: 9406101-03
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/15/94
Toluene	108-88-3	ND	5	ug/kg	06/15/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/15/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/15/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.3	mg/kg	06/15/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/14/94
TPH as Diesel	GC-FID	130 *	1	mg/kg	06/18/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/17/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 4
AEN LAB NO: 9406101-04
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/15/94
Toluene	108-88-3	ND	5	ug/kg	06/15/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/15/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/15/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.4	mg/kg	06/15/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/14/94
TPH as Diesel	GC-FID	340 *	1	mg/kg	06/23/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/17/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 5
AEN LAB NO: 9406101-05
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	**EPA 8020**				
Benzene	71-43-2	ND	5	ug/kg	06/15/94
Toluene	108-88-3	ND	5	ug/kg	06/15/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/15/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/15/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.3	mg/kg	06/15/94
#Extraction for Diesel/Oil	**EPA 3550**	-		Extrn Date	06/14/94
TPH as Diesel	GC-FID	300 *	1	mg/kg	06/18/94
#Alumina Cleanup	**EPA 3611A**	-		Cleanup	06/17/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 6
AEN LAB NO: 9406101-06
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.5	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	180 *	1	mg/kg	06/20/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/17/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 7
AEN LAB NO: 9406101-07
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/15/94
Toluene	108-88-3	ND	5	ug/kg	06/15/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/15/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/15/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.5	mg/kg	06/15/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	270 *	1	mg/kg	06/20/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/17/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 8
AEN LAB NO: 9406101-08
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.6	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	480 *	1	mg/kg	06/20/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/17/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 9
AEN LAB NO: 9406101-09
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	**EPA 8020**				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.6	mg/kg	06/16/94
#Extraction for Diesel/Oil	**EPA 3550**	-		Extrn Date	06/15/94
TPH as Diesel	**GC-FID**	220 *	1	mg/kg	06/18/94
#Alumina Cleanup	**EPA 3611A**	-		Cleanup	06/17/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 10
AEN LAB NO: 9406101-10
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.5	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	420 *	1	mg/kg	06/23/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/17/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 11
AEN LAB NO: 9406101-11
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.7	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	180 *	1	mg/kg	06/18/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/17/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 12
AEN LAB NO: 9406101-12
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.8	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	310 *	1	mg/kg	06/21/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/20/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 13
AEN LAB NO: 9406101-13
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.7	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	130 *	1	mg/kg	06/21/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/20/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 14
AEN LAB NO: 9406101-14
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/20/94
Toluene	108-88-3	ND	5	ug/kg	06/20/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/20/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/20/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.4	mg/kg	06/20/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	1,000 *	1	mg/kg	06/23/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/20/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 15
AEN LAB NO: 9406101-15
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.5	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	240 *	1	mg/kg	06/21/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/20/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 16
AEN LAB NO: 9406101-16
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.4	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	130 *	1	mg/kg	06/21/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/20/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 17
AEN LAB NO: 9406101-17
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	**EPA 8020**				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.5	mg/kg	06/16/94
#Extraction for Diesel/Oil	**EPA 3550**	-		Extrn Date	06/15/94
TPH as Diesel	**GC-FID**	200 *	1	mg/kg	06/21/94
#Alumina Cleanup	**EPA 3611A**	-		Cleanup	06/20/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 18
AEN LAB NO: 9406101-18
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.4	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	53 *	1	mg/kg	06/21/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/20/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 19
AEN LAB NO: 9406101-19
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.4	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	150 *	1	mg/kg	06/22/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/20/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 20
AEN LAB NO: 9406101-20
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.4	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	170 *	1	mg/kg	06/21/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/20/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 21
AEN LAB NO: 9406101-21
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/20/94
Toluene	108-88-3	ND	5	ug/kg	06/20/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/20/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/20/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.5	mg/kg	06/20/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	150 *	1	mg/kg	06/22/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/20/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 22
AEN LAB NO: 9406101-22
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.4	mg/kg	06/16/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	06/15/94
TPH as Diesel	GC-FID	280 *	1	mg/kg	06/22/94
#Alumina Cleanup	EPA 3611A	-		Cleanup	06/20/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 23
AEN LAB NO: 9406101-23
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	**EPA 8020**				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.3	mg/kg	06/16/94
#Extraction for Diesel/Oil	**EPA 3550**	-		Extrn Date	06/15/94
TPH as Diesel	**GC-FID**	770 *	1	mg/kg	06/23/94
#Alumina Cleanup	**EPA 3611A**	-		Cleanup	06/21/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 24
AEN LAB NO: 9406101-24
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	**EPA 8020**				
Benzene	71-43-2	ND	5	ug/kg	06/20/94
Toluene	108-88-3	ND	5	ug/kg	06/20/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/20/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/20/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.4	mg/kg	06/20/94
#Extraction for Diesel/Oil	**EPA 3550**	-		Extrn Date	06/15/94
TPH as Diesel	**GC-FID**	570 *	1	mg/kg	06/23/94
#Alumina Cleanup	**EPA 3611A**	-		Cleanup	06/21/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

FIRST ENVIRONMENTAL GROUP

SAMPLE ID: 25
AEN LAB NO: 9406101-25
AEN WORK ORDER: 9406101
CLIENT PROJ. ID: ALBANY

DATE SAMPLED: 06/08/94
DATE RECEIVED: 06/09/94
REPORT DATE: 07/01/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	**EPA 8020**				
Benzene	71-43-2	ND	5	ug/kg	06/16/94
Toluene	108-88-3	ND	5	ug/kg	06/16/94
Ethylbenzene	100-41-4	ND	5	ug/kg	06/16/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	06/16/94
Purgeable HCs as Gasoline	5030/GCFID	ND	0.8	mg/kg	06/16/94
#Extraction for Diesel/Oil	**EPA 3550**	-		Extrn Date	06/15/94
TPH as Diesel	**GC-FID**	62 *	1	mg/kg	06/22/94
#Alumina Cleanup	**EPA 3611A**	-		Cleanup	06/21/94

Reporting limit elevated for gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

AEN (CALIFORNIA)
QUALITY CONTROL REPORT

AEN JOB NUMBER: 9406101

CLIENT PROJECT ID: ALBANY

Quality Control Summary

All laboratory quality control parameters were found to be within established limits.

Definitions

The following abbreviations are found throughout the QC report:

ND = Not Detected at or above the reporting limit
RPD = Relative Percent Difference
< = Less Than

QUALITY CONTROL DATA

DATE EXTRACTED: 06/15/94
DATE ANALYZED: 06/16/94
CLEANUP DATE: 06/17/94
CLIENT PROJ. ID: ALBANY

AEN JOB NO: 9406101
SAMPLE SPIKED: SAND
INSTRUMENT: C

LABORATORY CONTROL SAMPLE
METHOD: EPA 3550 GCFID
(SOIL MATRIX)

ANALYTE	Spike Added (mg/kg)	Percent Recovery
Diesel	40.8	84

CURRENT QC LIMITS

Analyte	Percent Recovery
Diesel	(44-105)

Daily method blanks for all associated analytical runs showed no contamination over the reporting limit.

QUALITY CONTROL DATA

DATE EXTRACTED: 06/08/94
DATE ANALYZED: 06/17/94
CLIENT PROJ. ID: ALBANY

AEN JOB NO: 9406101
SAMPLE SPIKED: 9406037-03
INSTRUMENT: C

MATRIX SPIKE RECOVERY SUMMARY
TPH EXTRACTABLE SOIL
METHOD: EPA 3550 GCFID

ANALYTE	Spike Added (mg/kg)	Average Percent Recovery	RPD
Diesel	40.8	102	11

CURRENT QC LIMITS

Analyte	Percent Recovery	RPD
Diesel	(44-105)	18

Daily method blanks for all associated analytical runs showed no contamination over the reporting limit.

QUALITY CONTROL DATA

DATE EXTRACTED: 06/08/94
DATE ANALYZED: 06/17/94
CLEANUP DATE: 06/16/94
CLIENT PROJ. ID: ALBANY

AEN JOB NO: 9406101
SAMPLE SPIKED: 9406037-03
INSTRUMENT: C

MATRIX SPIKE RECOVERY SUMMARY
TPH EXTRACTABLE SOIL
METHOD: EPA 3611A GCFID

ANALYTE	Spike Added (mg/kg)	Average Percent Recovery	RPD
Diesel	40.8	26	9

Daily method blanks for all associated analytical runs showed no contamination over the reporting limit.

QUALITY CONTROL DATA

CLIENT PROJ. ID: ALBANY

AEN JOB NO: 9406101

INSTRUMENT: H

SURROGATE STANDARD RECOVERY SUMMARY
METHOD: EPA 8020, 5030 GCFID
(SOIL MATRIX)

Date Analyzed	SAMPLE IDENTIFICATION Sample Id.	Lab Id.	SURROGATE RECOVERY (PERCENT) Fluorobenzene
06/15/94	1	01	104
06/16/94	2	02	113
06/15/94	3	03	107
06/15/94	4	04	112
06/15/94	5	05	104
06/16/94	6	06	106
06/15/94	7	07	106
06/16/94	8	08	109
06/16/94	9	09	106
06/16/94	10	10	109
06/16/94	11	11	108
06/16/94	12	12	110
06/16/94	13	13	111
06/20/94	14	14	101
06/16/94	15	15	105
06/16/94	16	16	107
06/16/94	17	17	110
06/16/94	18	18	109
06/16/94	19	19	106
06/16/94	20	20	108
06/20/94	21	21	108
06/16/94	22	22	106
06/16/94	23	23	104
06/20/94	24	24	104
06/16/94	25	25	106

CURRENT QC LIMITS

ANALYTE	PERCENT RECOVERY
Fluorobenzene	(78-114)

QUALITY CONTROL DATA

DATE ANALYZED: 06/15/94
SAMPLE SPIKED: 9406104-05
CLIENT PROJ. ID: ALBANY

AEN JOB NO: 9406101
INSTRUMENT: H

MATRIX SPIKE RECOVERY SUMMARY
METHOD: EPA 8020, 5030 GCFID
(SOIL MATRIX)

ANALYTE	Spike Added (ug/kg)	Average Percent Recovery	RPD
Benzene	19.6	107	5
Toluene	72.9	106	9
Hydrocarbons as Gasoline	1000	104	11

CURRENT QC LIMITS

Analyte	Percent Recovery	RPD
Benzene	(81-127)	11
Toluene	(84-121)	14
Gasoline	(66-116)	20

Daily method blanks for all associated analytical runs showed no contamination over the reporting limit.

QUALITY CONTROL DATA

DATE ANALYZED: 06/16/94
SAMPLE SPIKED: LCS
CLIENT PROJ. ID: ALBANY

AEN JOB NO: 9406101
INSTRUMENT: H

LABORATORY CONTROL SAMPLE
METHOD: EPA 8020, 5030 GCFID
(SOIL MATRIX)

ANALYTE	Spike Added (ug/kg)	Percent Recovery
Benzene	19.6	96
Toluene	72.9	98
Hydrocarbons as Gasoline	1000	108

CURRENT QC LIMITS

Analyte	Percent Recovery
Benzene	(65-122)
Toluene	(67-124)
Gasoline	(60-125)

Daily method blanks for all associated analytical runs showed no contamination over the reporting limit.

*** END OF REPORT ***

Reporting Information

1. Client: FIRST ENV. GROUP
Address: 3501 COLLINS AVE
RICHMOND 94806
Contact: DAN
Alt. Contact:

American Environmental Network
3440 Vincent Road, Pleasant Hill, CA 94523
Phone (510) 930-9090
FAX (510) 930-0256

REQUEST FOR ANALYSIS / CHAIN OF CUSTODY

Lab Job Number: 9406101
Lab Destination:
Date Samples Shipped: 6/9/94
Lab Contact: ROBIN
Date Results Required: STANDARD
Date Report Required:
Client Phone No.: 510.232-0202
Client FAX No.: 510.232.5844

Address Report To:
2. SAME

Send Invoice To:
3. SAME

Send Report To: 1 or 2 (Circle one)

Client P.O. No.: NONE Client Project I.D. No.: ALBANY

Sample Team Member (s) DAN

Lab Number	Client Sample Identification	Air Volume	Date/ Time Collected	Sample Type*	Pres.	No. of Cont.	Type of Cont.	ANALYSIS: 3611	8240 (GC/MS)	5030 (TPH-G)	Comments / Hazards
01A	1		6/8 4	SOIL	4°C	1	BRS	X	X	X	
02A	2										
03A	3										
04A	4										
05A	5										
06A	6										
07A	7										
08A	8										
09A	9										
10A	10										
11A	11										
12A	12										
13A	13										
14A	14										

Relinquished by: (Signature)	DATE 6/9/94	TIME 10:25	Received by: (Signature) DATE 6/9/94 TIME 10:25
Relinquished by: (Signature)	DATE 6/9/94	TIME 11:45	Received by: (Signature) Emily Harrington DATE 6/9/94 TIME 1145
Relinquished by: (Signature)	DATE	TIME	Received by: (Signature) DATE TIME
Method of Shipment			Lab Comments

*Sample type (Specify): 1) 37mm 0.8 µm MCEF 2) 25mm 0.8 µm MCEF 3) 25mm 0.4 µm polycarb. filter
4) PVC filter, diam. ____ pore size ____ 5) Charcoal tube 6) Silica gel tube 7) Water 8) Soil 9) Bulk Sample
10) Other ____ 11) Other ____

COPIES: WHITE - JOB FILE YELLOW - PROJECT FILE PINK - CLIENT

Reporting Information

American Environmental Network

AEN

3440 Vincent Road, Pleasant Hill, CA 94523
Phone (510) 930-9090
FAX (510) 930-0256

Page ____ of ____

9406101

REQUEST FOR ANALYSIS / CHAIN OF CUSTODY

1. Client:
Address:
Contact:
Alt. Contact:

Lab Job Number: 9406101
Lab Destination:
Date Samples Shipped:
Lab Contact:
Date Results Required:
Date Report Required:
Client Phone No.:
Client FAX No.:

Address Report To:
2.

Send Invoice To:
3.

Send Report To: 1 or 2 (Circle one)

Client P.O. No.: ____ Client Project I.D. No.: ____

Sample Team Member (s) ____

ANALYSIS

Lab Number	Client Sample Identification	Air Volume	Date/ Time Collected	Sample Type*	Pres.	No. of Cont.	Type of Cont.		3611	5030 / 3510	5030 (TPH-G)						Comments / Hazards
015A	15		6/8 4	SOIL	4°C	1	GRS		X	X	X						
16A	16		↓	↓	↓	↓	↓		↓	↓	↓						
17A	17																
18A	18																
19A	19																
20A	20																
21A	21																
22A	22																
23A	23																
24A	24																
25A	25		↓	↓	↓	↓	↓		↓	↓	↓						

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	DATE	TIME
[signature]	6/9/94	10:35	[signature]	6-9-94	10:35
[signature]	6/9/94	11:45	Emily Harrington	6/9/94	1145

Method of Shipment

Lab Comments

*Sample type (Specify): 1) 37mm 0.8 µm MCEF 2) 25mm 0.8 µm MCEF 3) 25mm 0.4 µm polycarb. filter
4) PVC filter, diam. ____ pore size ____ 5) Charcoal tube 6) Silica gel tube 7) Water 8) Soil 9) Bulk Sample
10) Other ____ 11) Other ____

COPIES: WHITE - JOB FILE YELLOW - PROJECT FILE PINK - CLIENT

FIRST ENVIRONMENTAL GROUP
3501 COLLINS AVENUE
RICHMOND, CA 94806

ATTN: DAN ETHEREDGE
CLIENT PROJ. ID: Z-RENTALS

REPORT DATE: 07/28/94

DATE(S) SAMPLED: 07/21/94

DATE RECEIVED: 07/21/94

AEN WORK ORDER: 9407226

PROJECT SUMMARY:

On July 21, 1994, this laboratory received 25 soil sample(s).

Client requested samples be analyzed for organic parameters. Sample identification, methodologies, results and dates analyzed are summarized on the following page.

Please see quality control report for a summary of QC data pertaining to this project.

If you have any questions, please contact Client Services at (510) 930-9090.

Larry Klein
Laboratory Director

REPORT DATE: 07/28/94

FIRST ENVIRONMENTAL GROUP

SAMPLE ID	AEN LAB #	ANALYTE	METHOD	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
1	9407226-01A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
2	9407226-02A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
3	9407226-03A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
4	9407226-04A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
5	9407226-05A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
6	9407226-06A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
7	9407226-07A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
8	9407226-08A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
9	9407226-09A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
10	9407226-10A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
11	9407226-11A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
12	9407226-12A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
13	9407226-13A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
14	9407226-14A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
15	9407226-15A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
16	9407226-16A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
17	9407226-17A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
18	9407226-18A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
19	9407226-19A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
20	9407226-20A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
21	9407226-21A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
22	9407226-22A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
23	9407226-23A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/23/94
24	9407226-24A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/27/94
25	9407226-25A	Hydrocarbons by IR	SM 5520F	ND	10	mg/kg	07/27/94
1	9407226-01A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/21/94
2	9407226-02A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/21/94
3	9407226-03A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/21/94
4	9407226-04A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/21/94
5	9407226-05A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/21/94
6	9407226-06A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/21/94
7	9407226-07A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/21/94
8	9407226-08A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/21/94
9	9407226-09A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/21/94
10	9407226-10A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/21/94
11	9407226-11A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/21/94
12	9407226-12A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/21/94
13	9407226-13A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/22/94
14	9407226-14A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/22/94
15	9407226-15A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/22/94
16	9407226-16A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/22/94
17	9407226-17A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/22/94
18	9407226-18A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/22/94
19	9407226-19A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/22/94
20	9407226-20A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/22/94
21	9407226-21A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/22/94
22	9407226-22A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/22/94
23	9407226-23A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/22/94
24	9407226-24A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/23/94
25	9407226-25A	#Soil Extrn for HCs	SM 5520EF	-		Extrn Date	07/23/94

ND = Not detected at or above the reporting limit
* = Value above reporting limit

AEN (CALIFORNIA)
QUALITY CONTROL REPORT

AEN JOB NUMBER: 9407226

CLIENT PROJECT ID: Z-RENTALS

Quality Control Summary

All laboratory quality control parameters were found to be within established limits.

Definitions

The following abbreviations are found throughout the QC report:

ND = Not Detected at or above the reporting limit
RPD = Relative Percent Difference
< = Less Than

QUALITY CONTROL DATA

DATE EXTRACTED: 07/21/94
DATE ANALYZED: 07/23/94
CLIENT PROJ. ID: Z-RENTALS

AEN JOB NO: 9407226
SAMPLE SPIKED: 9407226-01
INSTRUMENT: IR

OIL & GREASE/HYDROCARBONS
MATRIX SPIKE RECOVERY SUMMARY
(SOIL MATRIX)

ANALYTE	Spike Added (mg/kg)	Average Percent Recovery	RPD
Oil	241	87	2

CURRENT QC LIMITS

Analyte	Percent Recovery	RPD
Oil	(70-115)	15

Daily method blanks for all associated analytical runs showed no contamination over the reporting limit.

*** END OF REPORT ***

Reporting Information:

1. Client: FIRST ENV GROUP
Address: 3501 COLLINS
RICHMOND 94806
Contact: DAN
Alt. Contact:

American Environmental Network
3440 Vincent Road, Pleasant Hill, CA 94523
Phone (510) 930-9090
FAX (510) 930-0256

AEN

Page 1 of 1

REQUEST FOR ANALYSIS / CHAIN OF CUSTODY

Lab Job Number: 9407226
Lab Destination:
Date Samples Shipped: 7/21/94
Lab Contact:
Date Results Required: 7/27
Date Report Required:
Client Phone No.: 510.232-0202
Client FAX No.: 510.232-5844

Address Report To:
2. SAME

Send Invoice To:
3. SAME

Send Report To: 1 or 2 (Circle one)

Client P.O. No.: DAN Client Project I.D. No.: Z-RENTALS

Sample Team Member (s)

Lab Number	Client Sample Identification	Air Volume	Date/ Time Collected	Sample Type*	Pres.	No. of Cont.	Type of Cont.	ANALYSIS: TPH/BTEX	Comments / Hazards
1A	1		7/21 1	8	CMD	1	BRS	X	
2A	2								
03A	3								
04A	4								
05A	5								
06A	6								
07A	7								
08A	8								
09A	9								
10A	10								
11A	11								
12A	12								
13A	13								
14A	14								

Relinquished by: (Signature)	DATE 7/21	TIME 4:15	Received by: (Signature) DATE TIME
Relinquished by: (Signature)	DATE	TIME	Received by: (Signature) DATE TIME
Relinquished by: (Signature)	DATE	TIME	Received by: (Signature) Denise Harrington DATE 7/21/94 TIME 1615
Method of Shipment			Lab Comments

*Sample type (Specify): 1) 37mm 0.8 µm MCEF 2) 25mm 0.8 µm MCEF, 3) 25mm 0.4 µm polycarb. filter
4) PVC filter, diam. ____ pore size ____ 5) Charcoal tube 6) Silica gel tube 7) Water 8) Soil 9) Bulk Sample
10) Other ____ 11) Other ____

COPIES: WHITE - JOB FILE YELLOW - PROJECT FILE PINK - CLIENT

American Environmental Network

AEN

3440 Vincent Road, Pleasant Hill, CA 94523
Phone (510) 930-9090
FAX (510) 930-0256

REQUEST FOR ANALYSIS / CHAIN OF CUSTODY

Reporting Information:

1. Client: F&G
Address:
Contact:
Alt. Contact:

Lab Job Number: 9407226
Lab Destination:
Date Samples Shipped:
Lab Contact: SEE PAGE 1
Date Results Required:
Date Report Required:
Client Phone No.:
Client FAX No.:

Address Report To:

2.

Send Invoice To:

3.

Send Report To: 1 or 2 (Circle one)

Client P.O. No.:
Client Project I.D. No.:

Sample Team Member (s)

ANALYSIS: STLC Pb

Lab Number	Client Sample Identification	Air Volume	Date/Time Collected	Sample Type*	Pres	No. of Cont.	Type of Cont.	STLC Pb									Comments / Hazards
15A	15		7/21	8	COLD	1	BAG	X									
16A	16		↓	↓	↓	↓	↓	↓									
17A	17																
18A	18																
19A	19																
20A	20																
21A	21																
22A	22																
23A	23																
24A	24																
25A	25		↓	↓	↓	↓	↓	↓									

Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	DATE	TIME
[signature]	7/21	4:15			
			Denise Harrington	7/21/94	1615

Method of Shipment

Lab Comments

*Sample type (Specify): 1) 37mm 0.8 µm MCEF 2) 25mm 0.8 µm MCEF 3) 25mm 0.4 µm polycarb. filter
4) PVC filter, diam. ____ pore size ____ 5) Charcoal tube 6) Silica gel tube 7) Water 8) Soil 9) Bulk Sample
10) Other ____ 11) Other ____

COPIES: WHITE - JOB FILE YELLOW - PROJECT FILE PINK - CLIENT

NET NATIONAL ENVIRONMENTAL ® TESTING, INC.

Santa Rosa Division
785 Tesconi Circle
Santa Rosa, CA 95401
Tel: (707) 526-7200
Fax: (707) 526-9623

Roxanne Harris
Subsurface Environmental
1796 18th St.
Suite C
San Francisco, CA 94107

Date: 06/06/1994
NET Client Acct. No: 10190
NET Pacific Job No: 94.02027
Received: 05/16/1994

Client Reference Information

Frank Zilmichi-Z Rental Properties, Albany, Proj: 94153

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:

Judy Ridley
Project Coordinator

Jim Hoch
Operations Manager

Enclosure(s)

Ref: Frank Zilmichi-Z Rental Properties, Albany, Proj: 94153

SAMPLE DESCRIPTION: 711-001
Date Taken: 05/12/1994
Time Taken: 14:20
NET Sample No: 194424

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed
METHOD 8080 (GC,Solid)						05/20/1994	
DILUTION FACTOR*	1						05/26/1994
Aldrin	6.6		1.2	ug/kg	8080		05/26/1994
alpha-BHC	ND		0.3	ug/kg	8080		05/26/1994
beta-BHC	ND		0.3	ug/kg	8080		05/26/1994
delta-BHC	ND		0.3	ug/kg	8080		05/26/1994
gamma-BHC (Lindane)	ND		1.2	ug/kg	8080		05/26/1994
Chlordane	ND		25	ug/kg	8080		05/26/1994
4,4'-DDD	9.3		3	ug/kg	8080		05/26/1994
4,4'-DDE	ND		3	ug/kg	8080		05/26/1994
4,4'-DDT	ND		3	ug/kg	8080		05/26/1994
Dieldrin	ND		3	ug/kg	8080		05/26/1994
Endosulfan I	ND		3	ug/kg	8080		05/26/1994
Endosulfan II	ND		3	ug/kg	8080		05/26/1994
Endosulfan sulfate	ND		3	ug/kg	8080		05/26/1994
Endrin	ND		3	ug/kg	8080		05/26/1994
Endrin aldehyde	ND		3	ug/kg	8080		05/26/1994
Heptachlor	ND		3	ug/kg	8080		05/26/1994
Heptachlor epoxide	ND		3	ug/kg	8080		05/26/1994
Methoxychlor	ND		5	ug/kg	8080		05/26/1994
Toxaphene	ND		60	ug/kg	8080		05/26/1994
POLYCHLORINATED BIPHENYLS	--						05/26/1994
Aroclor 1016	ND		100	ug/kg	8080		05/26/1994
Aroclor 1221	ND		500	ug/kg	8080		05/26/1994
Aroclor 1232	ND		200	ug/kg	8080		05/26/1994
Aroclor 1242	ND		100	ug/kg	8080		05/26/1994
Aroclor 1248	ND		100	ug/kg	8080		05/26/1994
Aroclor 1254	ND		50	ug/kg	8080		05/26/1994
Aroclor 1260	ND		50	ug/kg	8080		05/26/1994
SURROGATE RESULTS	--						05/26/1994
Tetrachlorometaxylene (SURR)	70			% Rec.			05/26/1994
Decachlorobiphenyl (SURR)	81			% Rec.			05/26/1994

Ref: Frank Zilmichi-Z Rental Properties, Albany, Proj: 94153

SAMPLE DESCRIPTION: 711-002
Date Taken: 05/12/1994
Time Taken: 14:30
NET Sample No: 194425

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed
METHOD 8080 (GC,Solid)						05/20/1994	
DILUTION FACTOR*	1						05/26/1994
Aldrin	ND		1.2	ug/kg	8080		05/26/1994
alpha-BHC	ND		0.3	ug/kg	8080		05/26/1994
beta-BHC	ND		0.3	ug/kg	8080		05/26/1994
delta-BHC	ND		0.3	ug/kg	8080		05/26/1994
gamma-BHC (Lindane)	ND		1.2	ug/kg	8080		05/26/1994
Chlordane	ND		25	ug/kg	8080		05/26/1994
4,4'-DDD	ND		3	ug/kg	8080		05/26/1994
4,4'-DDE	ND		3	ug/kg	8080		05/26/1994
4,4'-DDT	ND		3	ug/kg	8080		05/26/1994
Dieldrin	ND		3	ug/kg	8080		05/26/1994
Endosulfan I	ND		3	ug/kg	8080		05/26/1994
Endosulfan II	ND		3	ug/kg	8080		05/26/1994
Endosulfan sulfate	ND		3	ug/kg	8080		05/26/1994
Endrin	ND		3	ug/kg	8080		05/26/1994
Endrin aldehyde	ND		3	ug/kg	8080		05/26/1994
Heptachlor	ND		3	ug/kg	8080		05/26/1994
Heptachlor epoxide	ND		3	ug/kg	8080		05/26/1994
Methoxychlor	ND		5	ug/kg	8080		05/26/1994
Toxaphene	ND		60	ug/kg	8080		05/26/1994
POLYCHLORINATED BIPHENYLS	--						05/26/1994
Aroclor 1016	ND		100	ug/kg	8080		05/26/1994
Aroclor 1221	ND		500	ug/kg	8080		05/26/1994
Aroclor 1232	ND		200	ug/kg	8080		05/26/1994
Aroclor 1242	ND		100	ug/kg	8080		05/26/1994
Aroclor 1248	ND		100	ug/kg	8080		05/26/1994
Aroclor 1254	ND		50	ug/kg	8080		05/26/1994
Aroclor 1260	ND		50	ug/kg	8080		05/26/1994
SURROGATE RESULTS	--						05/26/1994
Tetrachlorometaxylene (SURR)	46			% Rec.			05/26/1994
Decachlorobiphenyl (SURR)	73			% Rec.			05/26/1994

Ref: Frank Zilmichi-Z Rental Properties, Albany, Proj: 94153

SAMPLE DESCRIPTION: 711-003
Date Taken: 05/12/1994
Time Taken: 14:35
NET Sample No: 194426

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed
METHOD 8080 (GC,Solid)						05/20/1994	
DILUTION FACTOR*	1						05/26/1994
Aldrin	2.9		1.2	ug/kg	8080		05/26/1994
alpha-BHC	ND		0.3	ug/kg	8080		05/26/1994
beta-BHC	ND		0.3	ug/kg	8080		05/26/1994
delta-BHC	ND		0.3	ug/kg	8080		05/26/1994
gamma-BHC (Lindane)	ND		1.2	ug/kg	8080		05/26/1994
Chlordane	ND		25	ug/kg	8080		05/26/1994
4,4'-DDD	19		3	ug/kg	8080		05/26/1994
4,4'-DDE	ND		3	ug/kg	8080		05/26/1994
4,4'-DDT	ND		3	ug/kg	8080		05/26/1994
Dieldrin	ND		3	ug/kg	8080		05/26/1994
Endosulfan I	ND		3	ug/kg	8080		05/26/1994
Endosulfan II	ND		3	ug/kg	8080		05/26/1994
Endosulfan sulfate	ND		3	ug/kg	8080		05/26/1994
Endrin	ND		3	ug/kg	8080		05/26/1994
Endrin aldehyde	ND		3	ug/kg	8080		05/26/1994
Heptachlor	ND		3	ug/kg	8080		05/26/1994
Heptachlor epoxide	ND		3	ug/kg	8080		05/26/1994
Methoxychlor	ND		5	ug/kg	8080		05/26/1994
Toxaphene	ND		60	ug/kg	8080		05/26/1994
POLYCHLORINATED BIPHENYLS	--						05/26/1994
Aroclor 1016	ND		100	ug/kg	8080		05/26/1994
Aroclor 1221	ND		500	ug/kg	8080		05/26/1994
Aroclor 1232	ND		200	ug/kg	8080		05/26/1994
Aroclor 1242	ND		100	ug/kg	8080		05/26/1994
Aroclor 1248	ND		100	ug/kg	8080		05/26/1994
Aroclor 1254	ND		50	ug/kg	8080		05/26/1994
Aroclor 1260	ND		50	ug/kg	8080		05/26/1994
SURROGATE RESULTS	--						05/26/1994
Tetrachlorometaxylene (SURR)	71			% Rec.			05/26/1994
Decachlorobiphenyl (SURR)	85			% Rec.			05/26/1994

Ref: Frank Zilmichi-Z Rental Properties, Albany, Proj: 94153

SAMPLE DESCRIPTION: 711-004
Date Taken: 05/12/1994
Time Taken: 14:45
NET Sample No: 194427

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed
METHOD 8080 (GC,Solid)						05/20/1994	
DILUTION FACTOR*	1						05/26/1994
Aldrin	9.5		1.2	ug/kg	8080		05/26/1994
alpha-BHC	ND		0.3	ug/kg	8080		05/26/1994
beta-BHC	ND		0.3	ug/kg	8080		05/26/1994
delta-BHC	ND		0.3	ug/kg	8080		05/26/1994
gamma-BHC (Lindane)	ND		1.2	ug/kg	8080		05/26/1994
Chlordane	ND		25	ug/kg	8080		05/26/1994
4,4'-DDD	17		3	ug/kg	8080		05/26/1994
4,4'-DDE	ND		3	ug/kg	8080		05/26/1994
4,4'-DDT	ND		3	ug/kg	8080		05/26/1994
Dieldrin	ND		3	ug/kg	8080		05/26/1994
Endosulfan I	ND		3	ug/kg	8080		05/26/1994
Endosulfan II	ND		3	ug/kg	8080		05/26/1994
Endosulfan sulfate	ND		3	ug/kg	8080		05/26/1994
Endrin	ND		3	ug/kg	8080		05/26/1994
Endrin aldehyde	ND		3	ug/kg	8080		05/26/1994
Heptachlor	ND		3	ug/kg	8080		05/26/1994
Heptachlor epoxide	ND		3	ug/kg	8080		05/26/1994
Methoxychlor	ND		5	ug/kg	8080		05/26/1994
Toxaphene	ND		60	ug/kg	8080		05/26/1994
POLYCHLORINATED BIPHENYLS	--						05/26/1994
Aroclor 1016	ND		100	ug/kg	8080		05/26/1994
Aroclor 1221	ND		500	ug/kg	8080		05/26/1994
Aroclor 1232	ND		200	ug/kg	8080		05/26/1994
Aroclor 1242	ND		100	ug/kg	8080		05/26/1994
Aroclor 1248	ND		100	ug/kg	8080		05/26/1994
Aroclor 1254	ND		50	ug/kg	8080		05/26/1994
Aroclor 1260	ND		50	ug/kg	8080		05/26/1994
SURROGATE RESULTS	--						05/26/1994
Tetrachlorometaxylene (SURR)	70			% Rec.			05/26/1994
Decachlorobiphenyl (SURR)	74			% Rec.			05/26/1994

Ref: Frank Zilmichi-Z Rental Properties, Albany, Proj: 94153

SAMPLE DESCRIPTION: 711-005
Date Taken: 05/12/1994
Time Taken: 14:55
NET Sample No: 194428

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed
METHOD 8080 (GC,Solid)						05/20/1994	
DILUTION FACTOR*	1						05/26/1994
Aldrin	5.2		1.2	ug/kg	8080		05/26/1994
alpha-BHC	ND		0.3	ug/kg	8080		05/26/1994
beta-BHC	ND		0.3	ug/kg	8080		05/26/1994
delta-BHC	ND		0.3	ug/kg	8080		05/26/1994
gamma-BHC (Lindane)	ND		1.2	ug/kg	8080		05/26/1994
Chlordane	ND		25	ug/kg	8080		05/26/1994
4,4'-DDD	8.9		3	ug/kg	8080		05/26/1994
4,4'-DDE	ND		3	ug/kg	8080		05/26/1994
4,4'-DDT	ND		3	ug/kg	8080		05/26/1994
Dieldrin	ND		3	ug/kg	8080		05/26/1994
Endosulfan I	ND		3	ug/kg	8080		05/26/1994
Endosulfan II	ND		3	ug/kg	8080		05/26/1994
Endosulfan sulfate	ND		3	ug/kg	8080		05/26/1994
Endrin	ND		3	ug/kg	8080		05/26/1994
Endrin aldehyde	ND		3	ug/kg	8080		05/26/1994
Heptachlor	ND		3	ug/kg	8080		05/26/1994
Heptachlor epoxide	ND		3	ug/kg	8080		05/26/1994
Methoxychlor	ND		5	ug/kg	8080		05/26/1994
Toxaphene	ND		60	ug/kg	8080		05/26/1994
POLYCHLORINATED BIPHENYLS	--						05/26/1994
Aroclor 1016	ND		100	ug/kg	8080		05/26/1994
Aroclor 1221	ND		500	ug/kg	8080		05/26/1994
Aroclor 1232	ND		200	ug/kg	8080		05/26/1994
Aroclor 1242	ND		100	ug/kg	8080		05/26/1994
Aroclor 1248	ND		100	ug/kg	8080		05/26/1994
Aroclor 1254	ND		50	ug/kg	8080		05/26/1994
Aroclor 1260	ND		50	ug/kg	8080		05/26/1994
SURROGATE RESULTS	--						05/26/1994
Tetrachlorometaxylene (SURR)	74			% Rec.			05/26/1994
Decachlorobiphenyl (SURR)	98			% Rec.			05/26/1994

Ref: Frank Zilmichi-Z Rental Properties, Albany, Proj: 94153

SAMPLE DESCRIPTION: 711-006
Date Taken: 05/12/1994
Time Taken: 15:00
NET Sample No: 194429

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed
METHOD 8080 (GC,Solid)						05/20/1994	
DILUTION FACTOR*	1						05/26/1994
Aldrin	7.7		1.2	ug/kg	8080		05/26/1994
alpha-BHC	ND		0.3	ug/kg	8080		05/26/1994
beta-BHC	ND		0.3	ug/kg	8080		05/26/1994
delta-BHC	ND		0.3	ug/kg	8080		05/26/1994
gamma-BHC (Lindane)	ND		1.2	ug/kg	8080		05/26/1994
Chlordane	ND		25	ug/kg	8080		05/26/1994
4,4'-DDD	9.0		3	ug/kg	8080		05/26/1994
4,4'-DDE	ND		3	ug/kg	8080		05/26/1994
4,4'-DDT	ND		3	ug/kg	8080		05/26/1994
Dieldrin	ND		3	ug/kg	8080		05/26/1994
Endosulfan I	ND		3	ug/kg	8080		05/26/1994
Endosulfan II	ND		3	ug/kg	8080		05/26/1994
Endosulfan sulfate	ND		3	ug/kg	8080		05/26/1994
Endrin	ND		3	ug/kg	8080		05/26/1994
Endrin aldehyde	ND		3	ug/kg	8080		05/26/1994
Heptachlor	ND		3	ug/kg	8080		05/26/1994
Heptachlor epoxide	ND		3	ug/kg	8080		05/26/1994
Methoxychlor	ND		5	ug/kg	8080		05/26/1994
Toxaphene	ND		60	ug/kg	8080		05/26/1994
POLYCHLORINATED BIPHENYLS	--						05/26/1994
Aroclor 1016	ND		100	ug/kg	8080		05/26/1994
Aroclor 1221	ND		500	ug/kg	8080		05/26/1994
Aroclor 1232	ND		200	ug/kg	8080		05/26/1994
Aroclor 1242	ND		100	ug/kg	8080		05/26/1994
Aroclor 1248	ND		100	ug/kg	8080		05/26/1994
Aroclor 1254	ND		50	ug/kg	8080		05/26/1994
Aroclor 1260	ND		50	ug/kg	8080		05/26/1994
SURROGATE RESULTS	--						05/26/1994
Tetrachlorometaxylene (SURR)	66			% Rec.			05/26/1994
Decachlorobiphenyl (SURR)	81			% Rec.			05/26/1994

Ref: Frank Zilmichi-Z Rental Properties, Albany, Proj: 94153

SAMPLE DESCRIPTION: 711-007
Date Taken: 05/12/1994
Time Taken: 15:10
NET Sample No: 194430

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed
METHOD 8080 (GC,Solid)						05/20/1994	
DILUTION FACTOR*	1						05/26/1994
Aldrin	ND		1.2	ug/kg	8080		05/26/1994
alpha-BHC	ND		0.3	ug/kg	8080		05/26/1994
beta-BHC	ND		0.3	ug/kg	8080		05/26/1994
delta-BHC	ND		0.3	ug/kg	8080		05/26/1994
gamma-BHC (Lindane)	ND		1.2	ug/kg	8080		05/26/1994
Chlordane	ND		25	ug/kg	8080		05/26/1994
4,4'-DDD	3.8		3	ug/kg	8080		05/26/1994
4,4'-DDE	ND		3	ug/kg	8080		05/26/1994
4,4'-DDT	ND		3	ug/kg	8080		05/26/1994
Dieldrin	ND		3	ug/kg	8080		05/26/1994
Endosulfan I	ND		3	ug/kg	8080		05/26/1994
Endosulfan II	ND		3	ug/kg	8080		05/26/1994
Endosulfan sulfate	ND		3	ug/kg	8080		05/26/1994
Endrin	ND		3	ug/kg	8080		05/26/1994
Endrin aldehyde	ND		3	ug/kg	8080		05/26/1994
Heptachlor	ND		3	ug/kg	8080		05/26/1994
Heptachlor epoxide	ND		3	ug/kg	8080		05/26/1994
Methoxychlor	ND		5	ug/kg	8080		05/26/1994
Toxaphene	ND		60	ug/kg	8080		05/26/1994
POLYCHLORINATED BIPHENYLS	--						05/26/1994
Aroclor 1016	ND		100	ug/kg	8080		05/26/1994
Aroclor 1221	ND		500	ug/kg	8080		05/26/1994
Aroclor 1232	ND		200	ug/kg	8080		05/26/1994
Aroclor 1242	ND		100	ug/kg	8080		05/26/1994
Aroclor 1248	ND		100	ug/kg	8080		05/26/1994
Aroclor 1254	ND		50	ug/kg	8080		05/26/1994
Aroclor 1260	ND		50	ug/kg	8080		05/26/1994
SURROGATE RESULTS	--						05/26/1994
Tetrachlorometaxylene (SURR)	52			% Rec.			05/26/1994
Decachlorobiphenyl (SURR)	76			% Rec.			05/26/1994

Ref: Frank Zilmichi-Z Rental Properties, Albany, Proj: 94153

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV Standard % Recovery	CCV Standard Amount Found	CCV Standard Amount Expected	Units	Date Analyzed	Analyst Initials
METHOD 8080 (GC,Solid)						
Aldrin	87.5	35.0	40.0	ug/kg	05/26/1994	nds
alpha-BHC	90.0	36.0	40.0	ug/kg	05/26/1994	nds
beta-BHC	95.0	38.0	40.0	ug/kg	05/26/1994	nds
delta-BHC	89.0	35.6	40.0	ug/kg	05/26/1994	nds
gamma-BHC (Lindane)	91.3	36.5	40.0	ug/kg	05/26/1994	nds
Chlordane		N/A	500	ug/kg	05/26/1994	nds
4,4'-DDD	91.0	72.8	80.0	ug/kg	05/26/1994	nds
4,4'-DDE	89.3	71.4	80.0	ug/kg	05/26/1994	nds
4,4'-DDT	84.5	67.6	80.0	ug/kg	05/26/1994	nds
Dieldrin	87.1	69.7	80.0	ug/kg	05/26/1994	nds
Endosulfan I	89.5	35.8	40.0	ug/kg	05/26/1994	nds
Endosulfan II	93.9	75.1	80.0	ug/kg	05/26/1994	nds
Endosulfan sulfate	84.5	67.6	80.0	ug/kg	05/26/1994	nds
Endrin	90.4	72.3	80.0	ug/kg	05/26/1994	nds
Endrin aldehyde	88.5	70.8	80.0	ug/kg	05/26/1994	nds
Heptachlor	89.0	35.6	40.0	ug/kg	05/26/1994	nds
Heptachlor epoxide	89.3	35.7	40.0	ug/kg	05/26/1994	nds
Methoxychlor	92.8	371	400	ug/kg	05/26/1994	nds
Toxaphene		N/A	1000	ug/kg	05/26/1994	nds
Aroclor 1016		N/A	500	ug/kg	05/26/1994	nds
Aroclor 1221		N/A	500	ug/kg	05/26/1994	nds
Aroclor 1232		N/A	500	ug/kg	05/26/1994	nds
Aroclor 1242		N/A	500	ug/kg	05/26/1994	nds
Aroclor 1248		N/A	500	ug/kg	05/26/1994	nds
Aroclor 1254		N/A	500	ug/kg	05/26/1994	nds
Aroclor 1260		N/A	500	ug/kg	05/26/1994	nds
Tetrachlorometaxylene (SURR)	93.0	93	100	% Rec.	05/26/1994	nds
Decachlorobiphenyl (SURR)	86.0	86	100	% Rec.	05/26/1994	nds

Ref: Frank Zilmichi-Z Rental Properties, Albany, Proj: 94153

METHOD BLANK REPORT

Parameter	Method Blank Amount Found	Reporting Limit	Units	Date Analyzed	Analyst Initials
METHOD 8080 (GC,Solid)					
Aldrin	ND	1.2	ug/kg	05/26/1994	nds
alpha-BHC	ND	0.3	ug/kg	05/26/1994	nds
beta-BHC	ND	0.3	ug/kg	05/26/1994	nds
delta-BHC	ND	0.3	ug/kg	05/26/1994	nds
gamma-BHC (Lindane)	ND	1.2	ug/kg	05/26/1994	nds
Chlordane	ND	25	ug/kg	05/26/1994	nds
4,4'-DDD	ND	3	ug/kg	05/26/1994	nds
4,4'-DDE	ND	3	ug/kg	05/26/1994	nds
4,4'-DDT	ND	3	ug/kg	05/26/1994	nds
Dieldrin	ND	3	ug/kg	05/26/1994	nds
Endosulfan I	ND	3	ug/kg	05/26/1994	nds
Endosulfan II	ND	3	ug/kg	05/26/1994	nds
Endosulfan sulfate	ND	3	ug/kg	05/26/1994	nds
Endrin	ND	3	ug/kg	05/26/1994	nds
Endrin aldehyde	ND	3	ug/kg	05/26/1994	nds
Heptachlor	ND	3	ug/kg	05/26/1994	nds
Heptachlor epoxide	ND	3	ug/kg	05/26/1994	nds
Methoxychlor	ND	5	ug/kg	05/26/1994	nds
Toxaphene	ND	60	ug/kg	05/26/1994	nds
Aroclor 1016	ND	100	ug/kg	05/26/1994	nds
Aroclor 1221	ND	500	ug/kg	05/26/1994	nds
Aroclor 1232	ND	200	ug/kg	05/26/1994	nds
Aroclor 1242	ND	100	ug/kg	05/26/1994	nds
Aroclor 1248	ND	100	ug/kg	05/26/1994	nds
Aroclor 1254	ND	50	ug/kg	05/26/1994	nds
Aroclor 1260	ND	50	ug/kg	05/26/1994	nds
Tetrachlorometaxylene (SURR)	51		% Rec.	05/26/1994	nds
Decachlorobiphenyl (SURR)	92		% Rec.	05/26/1994	nds

Ref: Frank Zilmichi-Z Rental Properties, Albany, Proj: 94153

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike % Rec.	Matrix Spike Dup % Rec.	RPD	Spike Amount	Sample Conc.	Matrix Spike Conc.	Matrix Spike Dup. Conc.	Units	Date Analyzed	Analyst Initials
METHOD 8080 (GC,Solid)										
Aldrin	39.2	43.2	9.7	5.33	2.9	4.99	5.20	ug/kg	05/26/1994	nds
gamma-BHC (Lindane)	47.5	56.5	17.3	5.33	ND	2.53	3.01	ug/kg	05/26/1994	nds
4,4'-DDT	82.5	83.7	1.4	10.7	ND	8.83	8.96	ug/kg	05/26/1994	nds
Dieldrin	83.4	86.1	3.2	10.7	ND	8.92	9.21	ug/kg	05/26/1994	nds
Endrin	99.1	104.7	5.4	10.7	ND	10.6	11.2	ug/kg	05/26/1994	nds
Heptachlor	42.0	61.9	38.3	5.33	ND	2.24	3.3	ug/kg	05/26/1994	nds

Ref: Frank Zilmichi-Z Rental Properties, Albany, Proj: 94153

LABORATORY CONTROL SAMPLE REPORT

Parameter	LCS % Recovery	RPD	LCS Amount Found	LCS Amount Expected	Units	Date Analyzed	Analyst Initials
METHOD 8080 (GC,Solid)							
Aldrin	57.6		3.07	5.33	ug/kg	05/26/1994	nds
gamma-BHC (Lindane)	67.7		3.61	5.33	ug/kg	05/26/1994	nds
4,4'-DDT	88.1		9.43	10.7	ug/kg	05/26/1994	nds
Dieldrin	73.6		7.87	10.7	ug/kg	05/26/1994	nds
Endrin	74.3		7.95	10.7	ug/kg	05/26/1994	nds
Heptachlor	60.2		3.21	5.33	ug/kg	05/26/1994	nds
Tetrachlorometaxylene (SURR)	54.0		54	100	% Rec.	05/26/1994	nds
Decachlorobiphenyl (SURR)	95.0		95	100	% Rec.	05/26/1994	nds

NET®

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
*	:	Reporting Limits are a function of the dilution factor for any given sample. Actual reporting limits and results have been multiplied by the listed dilution factor. Do not multiply the reporting limits or reported values by the dilution factor.
dw	:	Result expressed as dry weight.
mean	:	Average; sum of measurements divided by number of measurements.
mg/Kg (ppm)	:	Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
mg/L	:	Concentration in units of milligrams of analyte per liter of sample.
mL/L/hr	:	Milliliters per liter per hour.
MPN/100 mL	:	Most probable number of bacteria per one hundred milliliters of sample.
N/A	:	Not applicable.
NA	:	Not analyzed.
ND	:	Not detected; the analyte concentration is less than the applicable listed reporting limit.
NTU	:	Nephelometric turbidity units.
RPD	:	Relative percent difference, 100 [Value 1 - Value 2]/mean value.
SNA	:	Standard not available.
ug/Kg (ppb)	:	Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
ug/L	:	Concentration in units of micrograms of analyte per liter of sample.
umhos/cm	:	Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, Rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, Rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986., Rev. 1, December 1987.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

Revised September, 1993
abb.93

9352

SUBSURFACE ENVIRONMENTAL CORP. (13:11 + Report to SF office)
11072 San Pablo Ave., Suite 315, El Cerrito, CA 94530
Tele: (510) 215-6553 • Fax: (510) 234-7521

pm JR to lv 5/14/94

CHAIN OF CUSTODY RECORD

Owner: FRANK ZICHICHI-2 RENTAL PROPERTIES
Address: 548½ CLEVELAND AVE, ALBANY
Phn: (510) 525-4652 Fax: N/A

Sampler: MICHAEL GORMAN
Sampler Signature: Michael B Gorman

Project Location: 711 CLEVELAND, ALBANY
Project #: 94153
Bill To: SUBSURFACE ENVIRONMENTAL

TURN AROUND TIME: STANDARD

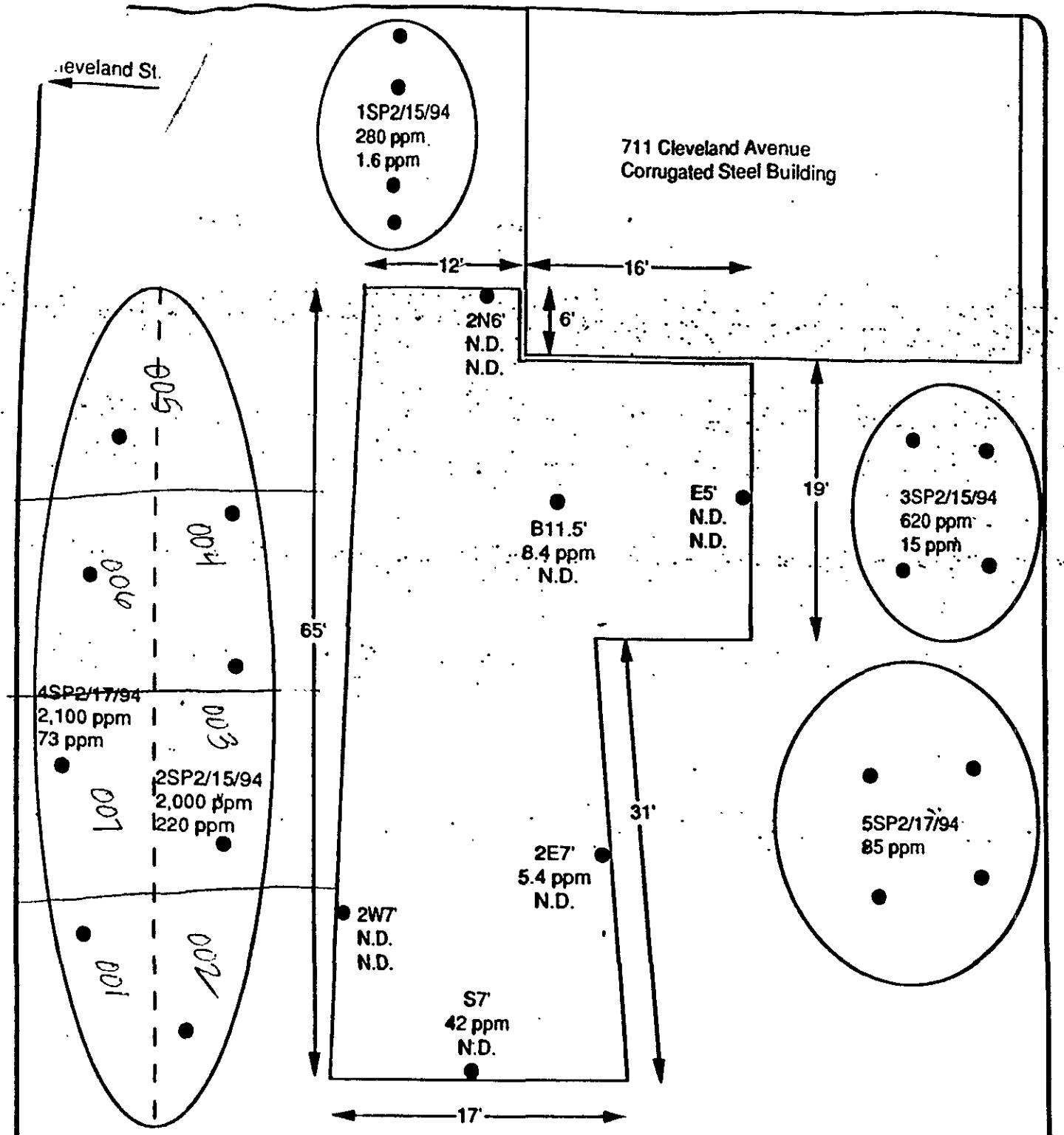
Laboratory Number	Sample ID Number	Sampling Date	Sampling Time	# of Containers	Type Containers	Matrix: Water	Matrix: Soil	Matrix: Sludge	Matrix: Other	Method Preserved: HCL	Method Preserved: HNO_3	Method Preserved: ICE	FIELD REMARKS:	ANALYSIS REQUEST: BTEX & TPH as Gasoline	TPH as Diesel	Total Petroleum Oil & Grease	Total Petroleum Hydrocarbons	Lead STLC	RCI	Other: EPA 8050
	711-001	5/12/94	2:20	4	ST		X					X	STOCKPILE GRID SECTION #1							X
	711-002	5/12/94	2:30	4	ST		X					X	STOCKPILE GRID SECTION #2							X
	711-003	5/12/94	2:35	4	ST		X					X	STOCKPILE GRID SECTION #3							X
	711-004	5/12/94	2:45	4	ST		X					X	STOCKPILE GRID SECTION #4							X
	711-005	5/12/94	2:55	4	ST		X					X	STOCKPILE GRID SECTION #5							X
	711-006	5/12/94	3:00	4	ST		X					X	STOCKPILE GRID SECTION #6							X
	711-007	5/12/94	3:10	4	ST		X					X	STOCKPILE GRID SECTION #7							X

RELINQUISHED BY:	Date	Time	RECEIVED BY:
Michael B Gorman	5/12/94	13:30	[signature]
[signature]	5/13/94	19:00	RECEIVED BY:
RELINQUISHED BY: (WITNESS)	Date 5/14/94	Time 1000	RECEIVED BY: [signature]

NOTES: STOCKPILE WEST OF TANK EXCAVATION

CUSTODY SEALED 5/13/94 [signature] seal intact

Temp Cool: 0.7°C, 1.2°C



711 Cleveland Ave., Corrugated Steel Building

Revisions	Date	Page
	Over Dig	
1	15 Feb 94	of

Site: Z Rental
711 Cleveland Street
Albany, CA

By: ACCUTITE ENVIRONMENTAL ENGINEERING
35 South Linden Avenue
South San Francisco
California 94080

NORTH

Not to SCALE

Fig. 5

Key: ● Soil sample location
S7' = table
42 ppm = results for TPH-D
N.D. = results for TPH-G