1777 Botelho Drive • Suite 260 • Walnut Creek, California 94596-5022 & (415) 946-0455 4630 Campus Drive • Suite 200 • Newport Beach, California 92660-1805 & (714) 852-9490 2865 Sunrise Boulevard • Suite 105 • Rancho Cordova, California 95670-6538 & (916) 635-7766

Reply To:

May 5, 1987

Walnut Creek

Ms. Debra Baker Caltrans P.O. Box 7791 San Francisco, CA 94120

Dear Ms. Baker:

I am writing this letter to document our telephone conversation last month, concerning the Caltrans property at 6th and Brush Streets in Oakland. In addition to arranging for the return of the key that Caltrans provided to ERM-West, you inquired about the general conditions at the site.

When you asked whether the site conditions would interfere or prohibit negotiations from proceeding on the sale of the site, my response was framed in the following context: You had previously described Caltrans' policy that requires remedial action to be completed by Caltrans prior to sale of the property. In addition, I was considering the conditions at the site with respect to the Regional Water Quality Control Board's guidelines that require immediate remedial action when fuel leaks are involved.

I indicated that although some contaminants were detected on the site at low concentrations, this condition should not disrupt the negotiations between Greyhound and Caltrans.

I have given no other assurances, nor have I implied that the site is uncontaminated. Some follow-up action may in fact be required to more completely define and monitor the contaminants or to provide some measure of cleanup if conditions warrant. I trust that this letter accurately describes our brief conversation.

Very truly yours,

ERM-WEST

Dan E. Verwoert, P.G.

Principal

cc: Ken Ries - Greyhound

GREYHOUND LINES, INC. Greyhound Tower Phoenix, Arizona

FAX #602-248-5062

| | DEBBIE BAKER |
|------------|------------------|
| T = 1.00 | _ CALTRANS |
| ិរជនឧត្ #: | 415-923-4418 |
| Station #: | |
| | |
| | |
| 1.2 m | C.J. ENSUNBORGER |
| Contact F | 602 - 248 - 2039 |
| | |

1777 Botelho Drive • Suite 260 • Walnut Creek, California 94596-5022 ☎ (415) 946-0455 4630 Campus Drive • Suite 200 • Newport Beach, California 92660-1805 ☎ (714) 852-9490 2865 Sunrise Boulevard • Suite 105 • Rancho Cordova, California 95670-6538 ☎ (916) 635-7766

Reply To:

April 30, 1987

Walnut Creek

Kenneth M. Ries
Manager, Environmental and
Energy Engineering
Greyhound Corporation
Greyhound lower
Mail Station 1742
Phoenix, AZ 85077

_K. M. RIES MAY 1 1987 ~

C.J. ENSENBERGER

MAY 0 1 1987

SUBJECT: Regional Water Quality Control Board (RWQCB) Likely

Response to Contamination at the Proposed Greyhound

Site in Oakland, California

Dear Mr. Ries:

In response to your request, we have contacted Mr. Lester Feldman of the RWQCB to determine the Board's likely response to the reporting of the detected contaminants at levels similar to those detected at the proposed Greyhound site in Oakland, California. Mr. Feldman indicated that the detected concentrations of volatile organics suggest a minor groundwater contamination problem. If the site were reported, it would be listed as a toxic waste site, although it would receive "the lowest priority" among sites listed.

The course of action for the proposed Greyhound site suggested by the RWQCB would be continued groundwater monitoring. As the detected organics may represent the edge of a contaminant plume, changes in concentration would be monitored, and increases or decreases would be reported to the RWQCB. In addition, the contaminant source (i.e., underground tank or pipeline) would be identified if possible. It the source is found to be on-size further contamination might be arrested through tank or pipeline removal. Groundwater channe would not be required unless contaminant concentrations increase and pose a significant threat to beneficial use of groundwater in the area.

Mr. Kenneth M. Ries April 30, 1987

Page Two

I believe this provides a sufficient response to satisfy your concerns. If you have further questions or need additional information, please call me or Ben Leslie-Bole.

Sincerely,

ERM-WEST

Dan E. Verwoert, P.G.

Project Manager

Enclosures - Noted

BLB/dd/238

PROTECTION

OU JAN 28 PM 2: 44

INITIAL ENVIRONMENTAL SITE ASSESSMENT FOR THE PROPOSED GREYHOUND SITE

7TH AND BRUSH OAKLAND, CALIFORNIA

Prepared for:

GREYHOUND LINES, INC. PHOENIX, ARIZONA

Prepared by:

ERM-West Walnut Creek, California

April 16, 1987

INITIAL ENVIRONMENTAL SITE ASSESSMENT FOR THE PROPOSED GREYHOUND SITE

7TH AND BRUSH (Same as 6th + Castho)
OAKLAND, CALIFORNIA

Prepared for:

GREYHOUND LINES, INC. PHOENIX, ARIZONA

Prepared by:

ERM-West Walnut Creek, California

April 16, 1987

TABLE OF CONTENTS

| | | Page |
|----------------|-------------------------------|------|
| LIST OF FIGURE | es es | ii |
| LIST OF TABLES | , | ii |
| SECTION ONE | - BACKGROUND | 1 |
| Site Loca | ition | 1 |
| Site Hist | ory and Use | 1 |
| SECTION TWO | - FIELD METHODS | 4 |
| SECTION THREE | - RESULTS AND DISCUSSION | 6 |
| Soils and | Hydrology | 6 |
| Results o | of Laboratory Analyses | 6 |
| SECTION FOUR | - CONCLUSIONS | 10 |
| APPENDIX A | LABORATORY ANALYTICAL RESULTS | |
| APPENDIX B | DRILLING LOGS | |
| APPENDIX C | AIR SAMPLING DATA | |
| и утаниааах | CHAIN OF CUSTODY FORMS | |

LIST OF FIGURES

| FIGURE | | PAGE |
|--------|--|------|
| 1 | Site Location Map | 2 |
| | | |
| | LIST OF TABLES | |
| TABLE | | PAGE |
| 1 | Priority Pollutant Purgeable and Extractable Organics Detected in Subsurface Soil Samples. | 7 |

Priority Pollutant Purgeable and

Extractable Organics Detected in

Groundwater Samples.

2

SECTION ONE BACKGROUND

The Greyhound Corporation retained ERM-West to perform an environmental site assessment of a parcel currently owned by the State of California Department of Transportation. The purpose of the site assessment was to determine if environmental problems exist at the site that may represent significant potential liability exposure to the purchaser of the property.

SITE LOCATION

The site that was evaluated for this report is a fenced vacant lot located at Brush between 6th and 7th Streets in Oakland, California (Figure 1). The site is one city block, approximately 60,000 square feet in size.

SITE HISTORY AND USE

The site was previously occupied by numerous commercial facilities and private residences; however, after acquisition by the State of California Department of Transportation in 1970, all buildings were demolished and removed. Property ownership record searches indicated that three commercial facilities of potential concern historically existed on the site. These businesses included a gas station at the west corner of the site, a dairy creamery located at the east corner of the site, and a commercial warehouse on the northeast side of the site. The gas station was known to have at least two underground tanks for gasoline storage and possibly an underground tank for used oil storage. Both the dairy creamery and the warehouse reportedly had at least one underground tank each for gasoline storage. The exact locations of the tanks at each of the businesses are unknown. It is also reported that the tanks were removed at the time that the buildings were demolished and removed.

BORING LOCATIONS

FIGURE 1 7th AND BRUSH SITE BORING LOCATIONS OAKLAND, CALIFORNIA

W

SCALE: 1"-40'

MPS-West

Residential property owners may have historically applied commercial herbicides and pesticides to flowers and vegetable gardens and may have also randomly dumped used oil; however, the environmental concern for these activities is small.

The only current site use is as a corridor for a highway overpass. Two vertical support beams for the overpass are situated on the eastern corner of the property at the former location of the dairy creamery. An aerial photograph was obtained.

SECTION TWO FIELD METHODS

Site activities were carried out in two phases. On March 16 and 17, 1987, boreholes were drilled and soils were sampled from the boreholes. On April 1, 1987, groundwater samples were collected from two boreholes. Seven borings were drilled at the site by use of a truck-mounted continuous flight solid stem auger. The borings ranged in depth from 15 to 17 feet and were 6-inches in diameter. Borehole locations are shown on Figure 1.

Down hole soil samples were taken with 24 by 2-inch steel Shelby tubes at one depth in each of the seven holes, with the exception of boring B5. In boring B5, two soil samples were taken due to suspected contamination as evidenced by a noticeable odor and above background readings on the Soil Sentry Air Monitor (discussed below). After removal of the Shelby tubes from the boring, the soil samples were examined for soil classification purposes, after which the bottom 6 inches of the Shelby tube was cut-off and stored for subsequent sample analysis.

Down hole air sampling was performed in each of the seven holes at three different depths by using a Soil Sentry, Model 17-100A. The three depths were at approximately 5, 10, and 15 feet. The air sampling system functions by insertion of a down hole probe and transport tube into the open borehole. A continuous air sample is withdrawn from the borehole and fed into a bulk semiconductor vapor analyzer for instantaneous analysis and subsequently translated by a microprocessor into relative numerical values. A printer then provides documentation of all operations.

Temporary PVC monitoring well casing was placed in the three open boreholes that intersected the apparent water table (B1, B5, B6) so that groundwater samples could be collected. The

monitoring well casing consisted of 5 feet of 2-inch I.D., .010-inch slotted schedule 40 PVC screw-mounted to 10 feet of 2-inch I.D., solid wall schedule 40 PVC. Backfill was not placed between the well casing and the borehole sidewalls so that the temporary casing could be removed. Boreholes in which no water was encountered were backfilled with native materials after air and soil sampling was completed.

On April 1, 1987, groundwater samples were collected from wells Bl and B6. Prior to sample collection the wells were bailed dry with a 1.75-inch O.D. by 36-inch teflon bailer. After the wells recovered with fresh formation water, samples were collected by use of the same bailer (after decontamination) and were carefully transferred into sample collection bottles. During collection of the groundwater sample from borehole Bl, a slight gasoline odor was detected emanating from the borehole.

All samples were sent by overnight delivery to Central Coast Analytical Services (San Luis Obispo, California) for analysis. Chain of Custody procedures were followed in order to have a traceable record of the analytical sample possession.

SECTION THREE RESULTS AND DISCUSSION

This section summarizes the results of the investigation at the 7th and Brush Site. The site soils and hydrogeology are descriptions are followed by a discussion of the soil and groundwater analyses. These results are used to evaluate existence of contamination at the site.

SOILS AND HYDROLOGY

The soils encountered at the site were generally disturbed in the upper 3 to 5 feet in most boreholes and at depths of 15 feet (total depth of borehole) in two holes, boreholes B1 and B2. In the disturbed zones blocks of concrete, asphalt, and brick were encountered during the drilling.

Native soils consisted of fairly homogenous chocolate brown to medium brown sandy soil with increasing amounts of clay matrix at depth. Soils became damp at approximately 15 feet. On April 1, 1987, water was measured in two of the three boreholes in which casing was placed. These two holes, B1 and B6, both located in the west corner, had approximately 2'3" and 1'3" of water, respectively. The difference in water level between the two boreholes is partially due to borehole 1 being approximately 6 inches deeper than borehole 6. The rubble backfill encountered during drilling in the west corner may also be responsible for causing the remaining variation in the groundwater level between the two holes.

RESULTS OF LABORATORY ANALYSES

Soil and groundwater samples were analyzed by Central Coast Analytical Services (San Luis Obispo, California) for priority

PRIORITY POLLUTANT PURGEABLE AND EXTRACTABLE ORGANICS DETECTED IN SUBSURFACE SOIL SAMPLES

| Boring | Sample Depth | Constituent and Concentration | Detection Limit |
|--------|---------------|--|--------------------------------------|
| Bl | 16.0' - 16.5' | Xylenes: 0.004 ppm | 0.001 ppm |
| B5 | 17.0' - 17.5' | Ethylbenzene: 1300 ug/kg Toluene: 1500 ug/kg Xylenes: 7900 ug/kg | 500 ug/kg 1000 ug/kg 500 ug/kg |
| В6 | 17.0' - 17.5' | Xylenes: 0.002 ppm | 0.001 ppm |
| B7 | 17.0' - 17.5' | Xylenes: 0.002 ppm | 0.001 ppm |

All priority pollutant purgeable and extractable organics not listed were not detected.

pollutants and extractable organics. Laboratory reports from all analyses performed are presented in Appendix A.

Soil

The results of soil analyses for purgeable and extractable organics are displayed in Table 1. Note that this Table presents only those samples where constituents were detected. Detectable levels of organic constituents were found in four boreholes, Bl, B5, B6 and B7. The organics detected (ethylbenzene, toluene, xylene) are typically associated with gasoline and possibly with cleaning solvents. These constituents were detected at relatively low concentrations.

Groundwater

The results of groundwater analyses for purgeable and extractable organics are displayed in Table 2. Note that this Table presents only those samples where constituents were detected. Detectable levels of organic constituents were found in one borehole, B1. The same organics were detected in the water samples as in the soil samples (ethylbenzene, toluene and xylene). In addition, other organic constituents were detected that are also components of gasoline or gasoline products (aliphatic and alicyclic hydrocarbons, C3 - C5 alkylbenzene isomers, methylstyrene and methyl lindane).

PRIORITY POLLUTANT PURGEABLE AND EXTRACTABLE ORGANICS
DETECTED IN GROUNDWATER SAMPLES

| Boring | Sample Depth | Constituent and Concentration | Detection Limit |
|--------|--------------|--|----------------------------------|
| Bl | 12.8' - 15' | Ethylbenzene: 0.5 ug/l Toluene: 0.3 ug/l Xylenes: 5.0 ug/l Aliphatic and Alicyclic Hydrocarbons: 1.2 ug/l Alkylbenzene Isomers: 11 ug/l Methyl Styrene: 1 ug/l Methyl Indane: 2 ug/l | 0.1 ug/1 0.2 ug/1 0.1 ug/1 |

All priority pollutants purgeable and extractable organics not listed were not detected.

Central Coast

Central Coast Analytical | Services

- Analytical Services, Inc. Lab Number :

141 Suburban Road, Suite C-4 San Luis Obispo, California 93401

(805) 543-2553

Collected :

bØ3197

Received :

Tested

: Ø3/19/87

Collected by:

EPA METHOD 8240 Sample Description:

Instrument Blank

| Compound Analyzed - | Detection Limit (ug, | /1) Concentration | (ug/l) |
|----------------------------|----------------------|----------------------|---------|
| Benzené | Ø.1 | not | found |
| Bromodichloromethane | Ø.1 | not | found |
| Bromoform | ø.2 | not | found |
| Carbon Tetrachloride | ø. 1 | not | found |
| Chlorobenzene | Ø.1 | not | found |
| 2-Chloroethyl Vinyl Ether | 1. | not | found |
| Chloroform | ø .1 | not | found |
| Dibromochloromethane | Ø.1 | not | found |
| 1,2-Dichlorobenzene | Ø.1 | not | found |
| 1,3-Dichlorobenzene | Ø.1 | not | found |
| 1,4-Dichlorobenzene | Ø . 1 | not | found |
| Dichlorodifluoromethane | 1. | not | found |
| 1,1-Dichlorosthane | Ø.1 | not | found |
| 1,2-Dichloröethane (EDC) | Ø.1 | not | found |
| 1,1-Dichloroethene | Ø.1 | not | found |
| c-1,2-Dichloroethene | ø.1 | not | found |
| t-1,2-Dichloroethene | Ø.1 | not | found |
| 1,2-Dichloropropane | Ø.1 | not | found |
| c-1,3-Dichloropropene | Ø.1 | not | found |
| t-1,3-Dichloropropene | Ø.1 | not | found |
| Dichlorotrifluoroethane | Ø.1 | not | found |
| Ethylbenzene | Ø.1 | not | found |
| Ethyl Chloride | Ø.1 | not | found |
| Methyl Bromide | Ø.1 | not | found i |
| Methyl Chloride | Ø.2 | not | found |
| Methylene Chloride | 10. | not | found |
| Methylethyl Ketone (MEK) | 5. | not | found |
| Methylisobutyl Ketone (MI8 | K) 5. | not | found |
| 1,1,2,2-Tetrachloroethane | Ø.5 | not | found |
| Tetrachloroethylene (PCE) | Ø.1 | not | found |
| Toluene | Ø.2 | not | found |
| 1,1,1-Trichloroethane (TCA |) Ø.1 | not | found |
| 1,1,2-Trichloroethone | Ø.1 | not | found |
| Trichloroethene (TCE) | Ø.1 | not | found |
| Trichlorotrifluoroethane (| = | not | found |
| Trichlorofluoromethane(F-1 | • | not | found . |
| Vinyl Chloride | Ø.1 | not | found |
| Xylenes | Ø.1 | | found |
| Percent Recovery of Sample | -Specific Quality As | surance Spike is: 10 | Ø. |

Respectfully submitted,

CENTRAL COAST ANALYTICAL SERVICES

Mary D. Wallett Mary D. Havlicek, Ph.D., President

ciki[10m - Air, water and hazardous waste laboratory certified by california dept of public health

Central Coast Analytical Services Central Coast
Analytical Services, Inc.
141 Suburban Road , Suite C-4

Lab Number: Collected: bØ32Ø7

Received:

Tested:

Ø3/2Ø/87

San Luis Obispo, California 934Ø1 (8Ø5) 543-2553

Collected by:

Fuel Fingerprint Analysis - EPA Method 624/8240

SAMPLE DESCRIPTION: Instrument Blank

| Compound Analyzed | Detection Limit in ppm | Concentration in ppm |
|----------------------------------|------------------------|---------------------------------------|
| | | |
| Benzene | 0.0001 | not found |
| Toluene | Ø.ØØ1 ' | not found |
| Ethylbenzene | Ø.ØØ1 | not found |
| Xylenes | Ø.ØØ1 | not found |
| Ethylene Dibromide (EDB) | Ø.Ø001 | not found |
| Naphthalene | Ø.021 | not found |
| TOTAL PURGEABLE PETROLEUM HYDROC | ARBONS (TURPENTINE) | not found |
| BTX as a Percent of Fuel | | not applicable |
| Percent Surrogate Recovery | | 110. |
| | ****** | # # # # # # # # # # # # # # # # # # # |

Respectfully submitted, CENTRAL COAST ANALYTICAL SERVICES

Mary Havlicek, Ph.D.

President

Central Coast Analytical Services

Central Coast Analytical Services, Inc. 141 Suburban Road , Suite C-4 San Luis Obispo, California 93401 (8Ø5) 543-2553

Lab Number: Collected: Received:

D1790 Ø3/16/87 Ø3/18/87

Tested: Collected by: M. Bell

Ø3/2Ø/87

Fuel Fingerprint Analysis - EPA Method 624/824\$

ERM-WEST

1777 Botelho Dr., Suite 260 Walnut Creek, CA 94596

SAMPLE DESCRIPTION: Oakland, Job #238

Soil from B1 @ 16.8-16.5'

| Compound Analyzed | Detection Limit in ppm | Concentration in ppm | |
|---|---------------------------|----------------------|--|
| | | | |
| Велгене | Ø. ØØ1 | not found | |
| Toluene | Ø. ØØ1 | not found | |
| Ethylbenzene | Ø.ØØ1 | not found | |
| Xylenes | Ø.ØØ1 | 0.004 | |
| Ethylene Dibromide (EDB) | Ø.ØØ1 | not found | |
| Nophthalene | Ø. ØØ1 | not found | |
| TOTAL PURGEABLE PETROLEUM HYDROCARBONS (GASOLINE) | | <Ø.1 | |
| BTX as a Percent of Fuel | | not applicable | |
| Percent Surrogate Recovery | | 86. | |
| | | | |

Respectfully submitted. CENTRAL COAST ANALYTICAL SERVICES

Mary Havlicek, Ph.D.

President

Central Coast

Services

____Central-Coast Analytical Services, Inc. Lab Number : D1791 141 Suburban Road, Suite C-4 Collected : Ø3/16 141 Suburban Road, Suite C-4 Analytical San Luis Obispo, California 93401 (805) 543-2553

Collected : Ø3/16/87 Received : **Ø3/18/87**Tested : **Ø3/19/87**

Collected by: M.Bell

ERM-WEST 1777 Botelho Dr., Suite 260 Walnut Creek, CA 94596

TESTED FOR EPA 8010/8020 USING EPA 8240

Sample Description: Oakland, Job #238

Soil from B2 @ 16.0-16.5'

| Compound Analyzed | Detection Limit (ug/kg) | Concentration (ug/kg) |
|-----------------------------|---------------------------|------------------------|
| Benzene | 1, | nnt fo |
| Bromodichloromethane | 1. | not found |
| Bromoform | 2. | not found |
| Carbon Tetrachloride | 1. | not found not found |
| Chlorobenzene | 1. | not found |
| 2-Chloroethyl Vinyl Ether | 10. | not found |
| Chloroform | 1. | not found |
| Dibromochloromethane | 1. | not found |
| 1,2-Dichlorobenzene | 1. | not found |
| 1,3-Dichlorobenzene | 1. | not found |
| 1,4~Dichlorobenzene | 1. | not found |
| Dichlorodifluoromethane | 10. | not found |
| 1,1-Dichlorcethone | 1. | not found |
| 1,2-Dichloroethane (EDC) | 1. | not found |
| 1,1-Dichloroethene | 1. | not found |
| c-1,2-Dichloroethene | 1. | |
| t-1,2-Dichloroethene | 1. | not found |
| 1,2-Dichloropropane | . 1. | not found not found |
| c-1.3-Dichloropropene | 1, | not found |
| t-1,3-Dichioropropene | 1. | not found |
| Dichlorotrifluoroethane | 1. | not found |
| Ethylbenzene | 1. | not found |
| Ethyl Chloride | 1. | not found |
| Methyl Bromide | 1. | not found |
| Methyl Chloride | 2. | not found |
| Methylene Chloride | 1Ø. | not found |
| Methylethyl Ketone (MEK) | 5Ø. | not found |
| Methylisobutyl Ketone (MIBK |) 5ø. | not found |
| 1,1,2,2-Tetrachloroethane | 5. | not found |
| Tetrachloroethylene (PCE) | 1, | not found |
| Toluene | 2. | not found |
| 1,1,1-Trichloroethone (TCA) | 1. | not found |
| 1,1,2-Trichloroethane | 1 | not found |
| Trichloroethene (TCE) | 1. | not found |
| Trichlorotrifluoroethane (f | 113) 10. | not found |
| Trichlorofluoromethane(F-11 | 1. | not found |
| Vinyl Chloride | 1. | not found |
| Xylenes | 1. | not found |
| Percent Recovery of Sample- | Specific Quality Assuranc | e Spike is: 97. |

Respectfully submitted,

CENTRAL COAST ANALYTICAL SERVICES

Mary D. Naukeif Mary D. Havlicek, Ph.D., President

. F<†[jsur AIR, WATER and HAZARDOUS WASTE LABORATURY CERTIFIED by CALIFORNIA DLPF OF FUDELC HEAR

Central Coast Services

Central Coast Analytical Services, Inc. Lab Number : D1792
141 Suburban Road, Suite C-4 Collected : Ø3/16/87 Analytical San Luis Obispo, California 93401 Received : 03/18/87

(8Ø5) 543-2553

Tested : **Ø3/**19/87

Collected by: M.Bell

ERM-WEST 1777 Botelho Dr., Suite 260 Walnut Creek, CA 94596

TESTED FOR EPA 8010/8020 USING EPA 8240 Sample Description:

Oakland, Job #238

Soil from B3 # 16.8-16.5'

| Compound Analyzed | Detection Limit | (ug/kg) Conc | centration (ug/kg) |
|-----------------------------|-------------------|----------------|--------------------|
| Benzene | 1. | | not found |
| Bromodichloromethane | 1. | | not found |
| Bromoform | 2. | | not found |
| Carbon Tetrachloride | 1 | | not found |
| Chlorobenzene | 1. | | not found |
| 2-Chloroethyl Vinyl Ether | 1Ø. | | not found |
| Chloroform | 1, | | not found |
| Dibromochloromethane | 1. | | not found |
| 1,2-Dichlorobenzene | 1. | | not found |
| 1,3-Dichlorobenzene | 1. | | not found |
| 1,4-Dichlorobenzene | 1. | | not found |
| Dichlorodifluoromethane | 1Ø. | ₹° | not found |
| 1,1-Dichloroethane | 1. | | not found |
| 1,2-Dichloroethane (EDC) | 1. | | not found |
| 1,1-Dichloroethene | 1. | | not found |
| c-1,2-Dichloroethene | 1. | | not found |
| t-1,2-Dichloroethene | 1. | | not found |
| 1.2-Dichloropropane | 1, | | not found |
| c-1,3-Dichloropropene | 1. | | not found |
| t-1,3-Dichloropropene | 1. | | not found |
| Dichlorotrifluoroethane | 1. | | not found |
| Ethylbenzene | 1. | | not found |
| Ethyl Chloride | 1. | | not found |
| Methyl Bromide | 1. | | not found |
| Methyl Chloride | 2. | | not found |
| Methylene Chloride | 1Ø. | | not found |
| Methylethyl Ketone (MEK) | 5Ø. | | not found |
| Methylisobutyl Ketone (MIB) | <) 5ø. | | not found |
| 1,1,2,2-Tetrachloroethane | 5. | | not found |
| Tetrachloroethylene (PCE) | 1. | | not found |
| Toluene | 2. | | not found |
| 1.1.1-Trichloroethane (TCA) | 1. | | not found |
| 1,1,2-Trichloroethane | 1. | | not found |
| Trichloroethene (TCE) | 1. | | not found |
| Trichlorotrifluoroethane (| | | not found |
| Trichlorofluoromethane(F-1 | 1) 1. | | not found |
| Vinyl Chloride | 1. | | not found |
| Xylenes | 1. | | not found |
| Percent Recovery of Sample | -Specific Quality | Assurance Spik | e is: 99. |

Respectfully submitted,

CENTRAL COAST ANALYTICAL SERVICES

-May O. Warriel Mary D. Havlicek, Ph.D., President

Central Coast Services

Central Coast Analytical Services, Inc. 141 Suburban Road, Suite C-4 Analytical San Luis Obispo, California 93401 (805) 543-2553

Lab Number : 01793 Collected : #3/16/87 : Ø3/18/87 Received Tested : Ø3/19/87 Collected by: M.Bell

ERM-WEST

TESTED FOR EPA 8010/8020 USING EPA 8240

1777 Botelho Dr., Suite 260 Walnut Creek, CA 94596

Sample Description: Oakland, Job #238

Soil from B4 @ 9.5-10.0°

| Compound Analyzed | Detection Limit (ug/kg) | Concentration (ug/kg) |
|------------------------------|---------------------------|-----------------------|
| Benzene | 1. | not found |
| Bromodichloromethane | 1. | not found |
| Bromoform | 2. | not found |
| Carbon Tetrachloride | 1. | not found |
| Chlorobenzene | 1. | not found |
| 2-Chloroethyl Vinyl Ether | 1ø. | not found |
| Chloroform | 1. | not found |
| Di bromochloromethane | 1. | not found |
| 1,2-Dichlorobenzene | 1. | not found |
| 1,3-Dichlorobenzene | 1. | not found |
| 1,4-Dichlorobenzene | 1, | not found |
| Dichlorodifluoromethane | 10. | not found |
| 1,1-Dichloroethane | 1. | not found |
| 1,2-Dichloroethane (EDC) | 1. | not found |
| 1,1-Dichloroethene | 1, | not found |
| c-1,2-Dichloroethene | 1. | not found |
| t-1,2-Dichlaroethene | 1. | not found |
| 1,2-Dichloropropane | 1. | not found |
| c-1,3-Dichloropropene | 1. | not found |
| t-1,3-Dichloropropene | 1. | not found |
| Dichlorotrifluoroethane | 1. | not found |
| Ethylbenzene | 1. | not found |
| Ethyl Chloride | 1. | not found: |
| Methyl Bromide | 1. | not found |
| Methyl Chloride | 2. | not found |
| Methylene Chloride | 10. | not found |
| Methylethyl Ketone (MEK) | 5ø. | not found |
| Methylisobutyl Ketone (MIB | K) 5Ø. | not found |
| 1,1,2,2-Tetrachloroethane | 5. | not found |
| Tetrachloroethylene (PCE) | 1. | not found |
| Toluene | 2. | not found |
| 1,1,1-Trichloroethane (TCA | 1. | not found |
| 1,1,2-Trichloraethane | 1, | not found |
| Trichloroethene (TCE) | 1. | not found |
| Trichlorotrifluoroethane (| | not found |
| Trichlorofluoromethane(F-1 | 1) 1. | not found |
| Vi nyl Chloride | 1. | not found |
| Xylenes | 1. | not found |
| Percent Recovery of Sample | -Specific Quality Assuran | ce Spike is: 95. |

Respectfully submitted,

CENTRAL COAST ANALYTICAL SERVICES

May D. Salicit

Mary D. Havlicek, Ph.D., President

Central Coast

Central Analytical Services, Inc. Lab Number: D1794

Coast 141 Suburban Road, Suite C-4 Collected: \$3/17/87

Analytical San Luis Obispo, California 934\$1 Received: \$3/18/87

Services (8\$5\$) 543-2553 Tested: \$3/19/87

Collected by: M.Bell

ERM-WEST TESTED FOR EPA 8010/8020 USING EPA 8240

1777 Botelho Dr., Suite 260 Walnut Creek, CA 94596

Sample Description: Oakland, Job #238

Soil from 85a @ 11.5-12.0'

| Compound Analyzed | Detection Limit (ug/kg) | Concentration (ug/kg) |
|-----------------------------|----------------------------|-----------------------|
| Benzene | 1. | not found |
| Bromodichloromethane | 1. | not found |
| Bromoform | 2. | not found |
| Carbon Tetrachloride | 1. | not found |
| Chlorobenzene | 1. | not found |
| 2-Chloroethyl Vinyl Ether | 1ø. | not found |
| Chloroform | 1. | not found |
| Dibromochloromethane | 1. | not found |
| 1,2-Dichlorobenzene | t. | not found |
| 1,3-Dichlorobenzene | 1. | not found |
| 1.4-Dichlorobenzene | 1. | not found |
| Dichlorodifluoromethane | 1.0 . | not found |
| 1,1-Dichloroethane | 1. | not found |
| 1,2-Dichloroethane (EDC) | 1. | not found |
| 1,1-Dichloroethene | 1. | not found |
| c-1,2-Dichloroethene | 1. | not found |
| t-1,2-Dichloroethene | 1. | not found |
| 1,2-Dichloropropane | 1. | not found |
| c-1,3-Dichloropropene | 1, | not found |
| t-1,3-Dichloropropene | 1. | not found |
| Dichlorotrifluoroethane | 1. | not found |
| Ethylbenzene | 1. | not found |
| Ethyl Chloride | 1. | not found |
| Methyl Brömide | 1. | not found |
| Methyl Chloride | 2. | not found |
| Methylene Chloride | 1Ø. | not found |
| Methylethyl Ketone (MEK) | 5Ø. | not found |
| Methylisobutyl Ketone (MIBK |) 5ø. | not found |
| 1,1,2,2-Tetrachloroethane | 5 , | not found |
| Tetrochloroethylene (PCE) | 1. | not found |
| Toluene | 2. | not found |
| 1,1,1-Trichloroethane (TCA) | 1. | not found |
| 1,1,2-Trichloroethane | 1. | not found |
| Trichloroethene (TCE) | 1. | not found |
| Trichlorotrifluoroethane (f | 113) 1Ø. | not found |
| Trichlorofluoromethane(F-11 | 1. | not found |
| Vinyl Chloride | 1. | not found |
| Xylenes | 1. | not found |
| Percent Recovery of Sample- | Specific Quality Assurance | e Spike is: 110. |

Respectfully submitted.

CENTRAL COAST ANALYTICAL SERVICES

Mary D. Havlicek, Ph.D., President

Central Coast

Analytical Services, Inc. Lab Number : D1795 Central Coast 141 Suburban Road, Suite C-4 Collected : Ø3/17/87 Analytical San Luis Obispo, California 93401 Received : Ø3/18/87 Services (805) 543-2553

Tested : Ø3/19/87 Collected by: M.Bell

ERM-WEST 1777 Botelho Dr., Suite 260 Walnut Creek, CA 94596

TESTED FOR EPA 8010/8020 USING EPA 8240

Sample Description: Oakland, Job #238

Soil from B5b @ 17.0-17.5'

| Compound Analyzed - | Detection Limit (ug/kg) | Concentration (ug/kg) |
|-----------------------------|-----------------------------|-----------------------|
| Benzene | 5ØØ. | not found |
| Bromodichloromethane | 5ØØ. | not found |
| Bromoform | 1000. | not found |
| Carbon Tetrachloride | 5ØØ. | not found |
| Chlorobenzene | 500. | not found |
| 2-Chloroethyl Vinyl Ether | 5ØØ. | not found |
| Chloroform | 5ØØ. | not found |
| Dibromochloromethane | 5ØØ. | not found |
| 1,2-Dichlorobenzene | 5ØØ. | not found |
| 1,3-Dichlorobenzene | 5ØØ. | not found |
| 1,4-Dichlorobenzene | 5ØØ. | not found |
| Dichlorodiflugromethane | 5¢ø. | not found |
| 1,1-Dichloroethone | 590 | not found |
| 1,2-Dichloroethane (EDC) | 5ØØ . | not found |
| 1,1-Dichloroethene | 5ØØ. | not found |
| c-1,2-Dichloroethene | 5ØØ. | not found |
| t-1,2-Dichloroethene | 5ØØ. | not found |
| 1,2-Dichloropropone | 5ØØ. | not found |
| c-1,3-Dichloropropene | 5ØØ. | not found |
| t-1,3-Dichloropropene | 5ØØ. | not found |
| Dichlorotrifluoroethane | 5ØØ. | not found |
| Ethylbenzene | 5ØØ. | 1300. |
| Ethyl Chloride | 5ØØ. | not found |
| Methyl Bromide | 5ØØ. | not found |
| Methyl Chloride | 100C. | not found |
| Methylene Chloride | 5ØØ. | not found |
| Methylethyl Ketone (MEK) | 500. | not found |
| Methylisobutyl Ketone (MIBH | <) 5ØØ. | not found |
| 1,1,2,2-Tetrachloroethane | 25ØØ. | not found |
| Tetrachloroethylene (PCE) | 5ØØ. | not found |
| Toluene | 1000. | 15ØØ. |
| 1,1,1~Trichloroethone (TCA) | | not found |
| 1,1,2-Trichloroethane | 5ØØ. | not found |
| Trichloroethene (TCE) | 5ØØ. | not found |
| Trichlorotrifluoroethane (| • | not found |
| Trichlorofluoromethane(F-1 | | not found |
| Vinyl Chloride | 5ØØ. | not found |
| Xylenes | 5øø. | 79øø. |
| Percent Recovery of Sample- | -Specific Quality Assurance | e Spike is: 110. |

Respectfully submitted,

CENTRAL COAST ANALYTICAL SERVICES

Mary D. Havlicek, Ph.D., President

Central Coast Analytical Services, Inc. 141 Suburban Road , Suite C-4 San Luis Obispo, California 934Ø1

(805) 543-2553

Lab Number: D1796 Collected: Ø3/17/87 Received: **93/18/87** Tested: Ø3/2Ø/87 Collected by: M. Bell

Fuel Fingerprint Analysis - EPA Method 624/8249

ERM-WEST 1777 Botelho Dr., Suite 260

Walnut Creek, CA 94596

SAMPLE DESCRIPTION: Oakland, Job #238 Soil from B6 @ 17.5-17.5'

AIR, WATCH GIRC HAZARDOOD WASTE EABORATORY CENTILIED BY CASTEMBRIA DURY OF MUDICUL BEALT

| Compound Analyzed | Detection Limit in ppm | Concentration in ppm | | |
|--------------------------------|---------------------------|-------------------------|--|--|
| | | | | |
| Benzene | Ø.ØØ1 | not found | | |
| Toluene | Ø.ØØ1 | not found | | |
| E thy lbenzene | Ø.ØØ1 | not found | | |
| Xylenes | Ø.ØØ1 | Ø.ØØ2 | | |
| Ethylene Dibromide (EDB) | · Ø.ØØ1 | not found | | |
| Naphthalene | ୍ଷ ପ୍ରଷ୍ଠୀ | not found | | |
| TOTAL PURGEABLE PETROLEUM HYDR | | <Ø.1 | | |
| BTX as a Percent of Fuel | not applicable | | | |
| Percent Surrogate Recovery | 83. | | | |
| ****** | F | | | |

Respectfully submitted, CENTRAL COAST ANALYTICAL SERVICES

Many Harlicik

Mary Havlicek, Ph.D.

President

Central
Coast
Analytical
Services

Central Coast
Analytical Services, Inc.
141 Suburban Road , Suite C-4
San Luis Obispo, California 93401
(805) 543-2553

Lab Number: D1797
Collected: Ø3/17/87
Received: Ø3/18/87
Tested: Ø3/20/87
Collected by: M. Bel1

Fuel Fingerprint Analysis - EPA Method 824/8240

ERM-WEST

1777 Botelho Dr., Suite 260 Walnut Creek, CA 94596

SAMPLE DESCRIPTION: Oakland, Job #238

Soil from 87 @ 17.0-17.5'

| Compound Analyzed | Detection Limit in ppm | in ppm | | |
|--------------------------------|------------------------|---------------------------------------|--|--|
| | | · · · · · · · · · · · · · · · · · · · | | |
| Вепхеле | Ø. ØØ1 | n o t found | | |
| Toluene | Ø. Ø Ø1 | not found | | |
| Ethylbenzene | Ø.ØØ1 | not found | | |
| Xylenes | Ø.ØØ1 | Ø.ØØ2 | | |
| Ethylene Dibromide (EDB) | Ø. ØØ1 | not found | | |
| Naphthalene | 0.001 | not found | | |
| TOTAL PURGEABLE PETROLEUM HYDR | | <ø.1 | | |
| BTX as a Percent of Fuel | | not opplicable | | |
| Percent Surrogate Recovery | 79. | | | |
| ********************** | ************** | | | |

Respectfully submitted, CENTRAL COAST ANALYTICAL SERVICES

Mary Havlicek, Ph.D.

President

AIR, WATER and HAZARDOUS WASTE LABORATORY CERTIFIED by CALIFORNIA DEPT of PUBLIC HEAL c[<][10m

Central Coast Services

Central Coast Analytical Services, Inc. 141 Suburban Road, Suite C-4 Analytical | San Luis Obispo, California 83481 (8#5) 543-2553

Lab Number : D2197 Collected : #4/#1/87 Received : #4/#2/87 Tested : \$4/\$2/87

Collected by: M. Bell

ERM-WEST 1777 Botelho Dr., Suite 268 Wolnut Creek, CA 94596

EPA METHOD 824# Sample Description:

Job #238; Greyhound, Oakland

81 water

| Compound Analyzed Dete | ction Limit (ug/l) | Concentration (ug/1) |
|----------------------------------|-----------------------|--------------------------|
| Benzene | Ø,1 | not found |
| Bromodichloromethane | Ø , 1 | not found |
| Bromoform | Ø.2 | not found |
| Carbon Tetrachloride | 0.1 | · · · · · · · |
| Chlorobenzene | Ø . 1 | not found not found |
| 2-Chloroethyl Vinyl Ether | 1. | not found |
| Chloroform | Ø. 1 | not found |
| Dibromochloromethane | Ø. 1 | not found |
| 1,2-Dichlorobenzene | Ø. 1 | not found |
| 1,3-Dichlorobenzene | Ø. 1 | Not found |
| 1,4-Dichlorobenzane | ø. 1 | not found |
| Dichlorodifluoromethane | 1. | not found |
| 1,1-Dichloroethane | Ø. 1 | not found |
| 1,2-Dichloroethane (EDC) | Ø. 1 | not found |
| 1,1-Dichloroethene | Ø.1 | not found |
| c-1,2-Dichloroethene | Ø. 1 | not found |
| t-1,2-Dichloroethene | 9.1 | not found |
| 1,2-Dichloropropone | 8,1 | not found |
| c-1,3-Dichloropropene | Ø. 1 | not found |
| t-1,5-Dichloropropene | 0.1 | not found |
| Dichlorotrifluoroethane | Ø . 1 | not found |
| Ethylbenzene | Ø . 1 | not roung €.5 |
| Ethyl Chioride | Ø. 1 | not found |
| Methyl Bromide | Ø. 1 | not found |
| Methyl Chloride | Ø.2 | |
| Methylene Chloride | 1ø. | not found |
| Methylethyl Ketone (MEK) | 5. | not found not found |
| Methylisobutyl Ketone (MIBK) | 5. | |
| 1,1,2,2-Tetrachloroethane | Ø.5 | not found not found |
| Tetrachioroethylene (PCE) | ø. 1 | not found |
| Toluene | ø. 2 | noc roung Ø.3 |
| 1.1.1-Trichloroethane (TCA) | Ø.1 | |
| 1,1,2-Trichloroethane | Ø . 1 | not found not found |
| Trichloroethene (TCE) | Ø 1 | |
| Trichlorotrifluoroethane (f113) | 10, | not found . not found |
| Trichlorofluoromethane(F-11) | Ø. 1 | not found not found |
| Vinyl Chloride | Ø. 7 | not found |
| Xylones | ø 1 | er et |
| Percent Recovery of Sample-Speci | fic Quality Assurance | 5.ø Spike is: 13ø. |

Respectfully submitted. CENTRAL COAST ANALYTICAL SERVICES

Mary D. Havlicek, Ph.D., President

C[<1[10m AIH, WATER and HAZAROOUS WASTE LABORATORY CERTIFIED by CALIFORNIA DEPT of PUBLIC HEAD

Central Coast Analytical Services

Central Coast Analytical Services 141 Suburban Road, Suite C-4 San Luis Obispo, California 93491 (895) 543-2553

Lab Number: D-2197 Collected: Ø4/Ø1/87 Received: \$4/\$2/87 Tested: Ø4/Ø2/87 Collected by: M. Bell

ERM WEST 1777 Botelho Drive Suite 25# Wolnut Creek, CA 94595

Sample Description:

Job #238; Greyhound, Oakland

B1 Woter

SUPPLEMENTARY REPORT FOR EPA 8246.

CONSTITUENT

APPROXIMATE LEVEL ug/l

LOW MOLECULAR WEIGHT ALIPHATIC & ALICYCLIC **HYDROCARBONS**

1.2

C3-C5 ALKYLBENZENE ISOMERS

11.

METHYL STYRENE

1.

METHYL INDANE

2.

Respectfully submitted, CENTRAL COAST ANALYTICAL SERVICES

May Harliel Mary Haviicek, Ph.D., President

D2197SUP.WR1/11 MH/ke

1777 Botelho Dr., Suite 268

Wolnut Creek, CA 94596

Services

ERM-WEST

[<1[10m

AIR, WATER and BAZARDOUS WASTE LABORATORY CERTIFIED by CALIFORNIA DEPT of PUBLIC HEAL

Central Coast

Centrol Analytical Services, Inc. 141 Suburbon Road, Suite C-4 Analytical San Luis Obispo, California 93491

(885) 543-2553

Lab Number : D2198

Collected : #4/#1/87

Received : \$4/\$2/87 : #4/#2/87 Tested

Collected by: M. Bell

EPA METHOD 8246

Sample Description:

Job #238; Greyhound, Oakland

85 water

| Compound Analyzed Det | ection Limit (ug/l) | Concentration (ug/1) |
|--------------------------------|-----------------------|----------------------|
| Benzene | Ø.1 | not found |
| Bromo dichloromethane | Ø. 1 | not found |
| Brom oform | ∅.2 | not found |
| Carbon Tetrachloride | Ø.1 | not found |
| Chlorobenzene | ø, 1 | not found |
| 2-Chloroethyl Vinyl Ether | 1. | not found |
| Chloroform | Ø . 1 | not found |
| Dibromochioromethane | ø, 1 | not found |
| 1,2-Dichlorobenzene | ø . 1 | not found |
| 1,3-Dichlorobenzene | Ø.1 | not found |
| 1.4-Dichlorobenzene | Ø. 1 | not found |
| Dichlorodifluoromethane | 1. | not found |
| 1,1-Dichloroethane | Ø.1 | not found |
| 1,2-Dichloroethane (EDC) | Ø . 1 | not found |
| 1,1-Dichloroethene | Ø.1 | not found |
| c-1,2-Dichloroethene | Ø . 1 | not found |
| t-1,2-Dichioroethene | Ø . 1 | not found |
| 1,2-Dichloropropane | Ø.1 | not found |
| c-1.3-Dichloropropene | Ø.1 | not found |
| t-1,3-Dichloropropene | ø. 1 | not found |
| Dichlorotrifluoroethane | Ø.1 | not found |
| Ethylbenzene | Ø .1 | not found |
| Ethyl Chloride | Ø. 1 | not found |
| Methyl Bromide | Ø . 1 | not found |
| Methyl Chloride | Ø.2 | not found |
| Methylane Chloride | 1Ø. | not found |
| Methylethyl Ketone (MEK) | 5 . | not found |
| Methylisobutyl Ketone (MISK) | 5. | not found |
| 1,1,2,2-Tetrachlorosthane | 0.5 | not found |
| Tetrachloroethylene (PCE) | Ø. 1 | not found |
| Toluene | Ø.Z | not found |
| 1,1,1-Trichloroethane (TCA) | ø. 1 | not found |
| 1,1,2-Trichloroethane | Ø.1 | not found |
| Trichloroethene (TCE) | Ø. 1 | not found |
| Trichloratrifluoroethane (fila |) 1ø. | not found |
| Trichlorofluoromethane(F-11) | Ø. 1 | not found |
| Vinyl Chloride | ø .1 | not found |
| Xylenas | Ø.1 | not found |
| Percent Recovery of Sample-Spe | cific Quality Assuran | ce Spike is: 13Ø. |

Respectfully submitted, CENTRAL COAST ANALYTICAL SERVICES

Mary D. Havlicek, Ph.D., President

CLEAN - NO SUPPLEMENT FOUND.

| MAJOR DIVISIONS | | | GROUP SYMBOLS | | TYPICAL NAMES | |
|--|-----------------|--|-----------------------------|------|---------------|---|
| | | F ON SIEVE | AN /ELS | | GW | WELL-GRADED GRAVELS AND GRAVEL-SAND MIXTURES, LITTLE OR NO FINES |
| COARSE—GRAINED SOILS MORE THAN 60% RETAINED ON NO. 200 SIEVE" | GRAVELS | 60% OR MORE OF COARSE FRACTION RETAINED ON NO. A SIEVE | CLEAN | | GР | POORLY GRADED GRAVELS AND GRAVEL - SAND MIXTURES, LITTLE OR NO FINES |
| SOILS 4 NO. 20 | GRA | | GRAVELS WITH FINES | | GM | SILTY GRAVELS, GRAVEL—SAND—SILT MIXTURES |
| RAINED INED ON | | C RET/ | GRA | | GC | CLAYEY GRAVELS, GRAVEL—SAND—CLAY MIXTURES |
| COARSE—GRAINED SOILS 1 60% RETAINED ON NO. 2 | | OF VE | CLEAN | | sw | WELL-GRADED SANDS AND GRAVELLY SANDS, LITTLE OR NO FINES |
| COA | SANDS | AN 50% OF FRACTION O. 4 SIEVE | SAN | | SP | POORLY GRADED SANDS AND GRAVELLY SANDS, LITTLE OR NO FINES |
| MORE | SA | MORE THAN 60% OF COARSE FRACTION PASSES NO, 4 SIEVE | SANDS WITH FINES | | SM | SILTY SANDS, SAND-SILT MIXTURES |
| | <u> </u> | Συ α | AS HT IN | | sc | CLAYEY SANDS, SAND-CLAY MIXTURES |
| /E• | LAYS | WIT 88 | LIQUID LIMIT 60% OR LESS | | ML | INORGANIC SILTS, VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS |
| FINE-GRAINED SOILS OR MORE PASSES NO, 200 SIEVE® | SILTS AND CLAYS | SAND CI SAND LIN | | | CL | INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS |
| NED SOILS | SILT | <u> </u> | | | OL | ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY |
| FINE-GRAIN MORE PASSE | LAYS | WIT AN 50% | AIT NN 50% | | мн | INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDS OR SILTS, ELASTIC SILTS |
| FIN | S AND C | SILTS AND CLAYS LIGUID LIMIT GREATER THAN 50% | | | СН | INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS |
| 809 | SILT | | | GREA | | |
| HIGHLY ORGANIC SOILS | | HIGHLY ORGANIC SOILS | | | РТ | PEAT, MUCK AND OTHER HIGHLY ORGANIC SOILS |

^{*} BASED ON THE MATERIAL PASSING THE 3 INCH (75 mm) SIEVE.

| Environmental Resources Management | Drilling Log |
|---|---------------------------|
| Project Grayhoung Owner_ | Sketch Map |
| Location Ockland, CA WO Number 338 | 33 from North Inc |
| Weil Number 81 Total Depth 16'6" Diameter 6" | 41 from west line |
| Surface Elevation Water Level: Initial24-hrs | |
| Screen. Dia 2 Length 5' Stot Size . 0/0 | |
| Casing: Dia 3" Length 10' Type Schadule 1 | Notes |
| Drilling Company ENEXCO Drilling Method Solid Stem At | rec femp PVC, no backfill |
| Driller Date Drilled 2777 | /87 |
| Operitorion (Color: Leet) Sample Construction (Color: Lexture Color: Lexture Color: Color: Lexture Color: | |
| Chack te Brown Sarly Soil | |
| Asphalt, Pieces of Brick Air Sample (5') | |
| Rieces of Cement | |
| Air Sample (10') Asphalt, Misc. Rubble | S / |
| Medium Brown Sandy Clay Matrix, Damp | |
| 1. Misc. Rubble Air Sample (191/2') Drive Sample 141/2'- 161/2' | |
| Bothen of Hole 16 2 | |
| | |
| | |
| | · |

| r tal | Doggarene | Manag | 17 man |
|---------------|------------|-------|----------|
| Environmental | LEATOR FET | TRING | KIIIKIII |
| | | | |

| | Care | yhour | Ω | Sketch Map |
|---------------------|-----------------|---------------|------------------|--|
| i post. | <u> </u> | khan | 0 0 | 4 W.O. Number 238 99' from Cost line |
| Locatioi Well Nu | n201 mber | 154 | Tat | al Depth 16/2 Diameter 6" 86 from South line |
| Surface | Elevatio | n | Wa | ter Level. Initial None. 24-nrs. |
| Screen | Dia | NA | Ler | ngthNASlot SizeNA |
| Casing: | Dia | NA | Ler | rigth WA Type NA Notes. |
| Drilling | Compar Q. 17 | 1y <u>F N</u> | EXCO | Drilling Method Solid Stem Auger Notes: 1/100 W/ native |
| Dritter_ | <i>D</i> // | 77101 | 5 Log | By M. Boll Date Drilled 3/16/67 backfill |
| Depth (Fest) | Graphic Lo | Well | Sample Number | Description/Soil Classification (Color, Texture, Structures) |
| | 5/47 | NA | | Checlate Brow Sandy Soil Misc. Rubble, Pieces of Asbestos |
| - 5' | 56 | | | Air Sample (5') |
| - /0'- | | | erm | Medium Brown Sandy Sorl Chy Matrix Domp Air Sample (11') Brive Sample 10 - 12' |
| | SC | | | Medium Brown Endy Soil Clay Matrix |
| | | | | ρ |
| -15'- | - | | | Air Sample (16/2') |
| | - | | | Bottom of the 16/2' |
| - | - | | | |
| - | - | | | |
| | <u> </u> | | | |
| | | | | |
| | | | | |
| | - | | | |
| <u> </u> | <u> </u> | | | |
| | |]] |]] | |

| Environmental Resources M | anagement | D rilling Log |
|---|--|----------------------|
| Project <u>Greyhound</u> | Owner | Sketch Map |
| Location Dakland, C | A w.o. Number <u>938</u> | 34 from West line |
| Well Number <u>B7</u> To | otal Depth 17/2 Drameter 6.11 | 79 From Morth Iras |
| Surface Elevation | ater Level: Initial24-hrs | |
| | engthSlot SizeNA | |
| Casing Dia. 1/A Le | engthNATypeNA | Notes / o |
| Drilling Company ENEX. | O Drilling Method Solid Stem Auger | filled w/ native |
| Driller Oil 12/03 | og 8y | <u>backfill</u> |
| Depth (Feet) Graphic Log Well Construction Sample | Description/Soil Class (Color, Texture, Stru | |
| sm NA | Checlate Brown Sandy Soil | |
| | Air Sample (5') | |
| sc | Medium Brown Jardy Soil | |
| | Clay Matrix | |
| -10'sc | Air Simple (10') Missium Brown Jordy Soil | |
| | Clay Matrix Damp | |
| 7 | Light Brown Sindy Soil | |
| ERM | Clay Matrix . Very Dense Damp Air Sample (15') | |
| 20'_sc_ | Drive Sorph 132-1772 | |
| | Bottem of Hole 171/2' | |
| | | |
| | | |

77 EVERSETEE 28 A OR CLOSED UAPOR 832 UMFOR 826 對於中國工程 12 PRESSURE 39 UAPOR 832 2 7 0.716 026 : FIFESSURE_40. 1 HOUR 833-14 FF 12 PRESSURE 48 THEOR 026 . 2 mil 19403 PFF 12 PRESSURE 48 CEFELD ADJ. 12 PRESSURE 48 UAPOR 026 4-4 & S MAR 87 12:07. 10 PRESSURE DE UAP65 833 872H .000R 16 MAR 87 12:50 12 PRESSURE 1 NE 68 826 LEFTR 633 12 PRESSURE 57 10 PRESSURE 39 BET MODE 12 PRESSURE 49 UAPUP 026 USPOR 033 E37 6 EST COMPLETED 12 PRESSURE 39 UAPOR 033 12 PRESSURE 59 3 12 PRESSURE 50 HAPOR 026 CUAPOR 032 WAPOR .031" 12 PRESSURE 39 :2 PRESSURE 56 1E31 3 12 FLESSURE 50 MAPOR 026 UPPOR 832 - Sel 12 TEE SURE 36 URFOR 029 -12 PRESSURE, 39 12 PRESSURE 57-UAFOR B32 12 PRESSURE 57 DHPQR 026 12 FRESSURE 49 . PRESSURE TE UAPER 028 12 PRESSURE J9 12 FRESSURE, 50 g UAFOR 026" 🔆 -- UAPOR 832 LE FRESSUFE DA 12 PRESSURE 57 JUNE UAPUR 032 1 JUNE 1 12 PRESSURE 39 UAPOR 828" UNFOR 007. 12 PRESSURE TO URFOR 02B TO THE SURE SO URFOR 027 UAPER 032 UAPOR @26 LZ PRESSURE 36 12 PRESSURE 139 See acad UAPOR DOTA 12 SEES VAE O UAPORIO DE S 12 PRESSURE DE UAPOR 0261 2:1-1 FREESURE 39 12 PRESSURE NAVES UAPOR 827 12 PRESSURE 38 UAPOR 026 1755 292 12 PRESSURE 395 to AFSITURE 38 12 PRESSURE 514 UAPOR 827 UAPOR 026 - UAPOR -831 - Jan-1 U FRESBURE 38 12 PRESSURE 57 12 PRESSURE 38 Fir 148 12 PRESSURE 51 CAPOR 826 2 44 EPI (PE 09) PUFFUR 83F1 112 PRESSURE S6 PO STUAPOR 331 - 327 LD 217 PRESSUSE 57 LD TUAPOR A31 - 5 230 12 PRESSURE 38 LAPOR DETAILS 4304 OCT UAPOR 026 12 PRESSURE-50 .i Prissure 38 LAPOR 227 12 PRESSURE 45 LAPOR 227 12 PRESSURE 50 SP LAPOR 227 14 LAPO LAPOR 227 . 12 PRESSURE_38 NF19 171 USF0F 026 1 10 PRESSURE 38 ClickE No TIZ PRESSURE 53 F 541 300 UAPER 824 . 4 UREON 131 3 FRENDURE 38 ALLE FREE SURE SE 12 PRESSURE J8 ." 1808 523 UAPOR 026 - : 1 AL PRESSURE DE LAPOR RESSURE 49-14 SU2 PRESSURE SO LUBECK ALONG LUIZ-PRESSURE ASIA VARUE FIRES 12 PRESSURE 38. 1 UAPOR 026 12 PRESSURE 39 UAFOR 027 -- = F U12 12 PRESSURE 49 VI UAPCR 927 NOV VI 12 PRESSURE 68 AV UNFOR 626 -12 PRESSURE TS 12 PRETEURS 38 SUAFOR DEPT. WAFOF DE7 UKPOR CZP STO 12 FYEDBUFE IN UAPER 617 . 12 PRESSURE 36 JA7 JF 827 UAFOR 020 12 PREISURE 50 ---12 FRESSLIE SELECTION OF PARTY PROPERTY OF THE STREET OF T 327 10 PRESSURE TO UAPER 027 6 +01 12 PRESCURE 20 URPOR 625 5.5/2 12 FREISUPE 39 UAPOR 027 -12 PRESSURE 49 CHEDR 025 10 FICHSURE 37 12 PRESSURE 39 LAPOR 827 -12 PRESSURE 57 1,45 g 16 UAFCR DZ9 F4 17 12 PRESSURE 87 UAFOR DZ8 75 619 204 296 12 PRESSURE 49 11 BEELEMSE T 10 PRESSURE 39 . CAPER 027 عالما المراجع 12 FRESEURE 48. 1.4FOR 026 12 PRESDURE ST. SUR CE PRIMERE TE MAFCR 327 4 54 12 PPESSURE TO HAFT . P4868 026 MAROR LEZE IC PARISONE DE 13-PRESSLIPE 59 AM 12 PRESEURE 48 UNFOR 227 HEROR 326 12 PRESSURE 50 URPOR DIS C PRIMEIRE 38 12 APERSUAE 46 UAFOR 827 909 630 UAP1F 027 12 PRESSUPE 50 _ FERNORE IS 12 FRECSUFE 41 U4P6R 827 277,015 AFOR 829 12 PRESSURE 50 64PCR 036'7'. LU SAN DURE DA HUN KOT 12 PHESSURE 41 UAPOR 027 12 PAETSUAE 37 LAPER 023 DISTRIBUTE 06-2 1, APICR 630 12 PRESSURE 51% 441E AE Ja 12 PRESSURE 42 9AFOR 028 5 012 04,8CR 831 12 PREESURE 52 1 15 11 PRESSURE A1 HANCE SES וב אף פּקקופר לרי 12 PRESS RE 53 UNPOR 028 . w. wife 10 FRE190FE 38 1-108 827 14-510 43 37 LAPOR 631 12 FAISSURE Sa. 4 UAFOR 628 F 12 PRESQUEE NO TEST 3 11 F721316E 40 JAPOR 331 327 Grade 632 12 PRESSURE 55-12 0FT THE PE 27 LE PRESSURE 44 U-202 031 URF0P 032 in operation TES! I A 24 2 12 24 24 12 PRESSURE 45" 12 FRESSURE 50 VAPUR-C32 4 4. WAFOR 026 OWENE TE 12 PRESSURE 51 945 05 071 SUPPUP D27 . 2 7 1 TUSE 37 12 PRESSURE 50 34 WARDR 0291 12 PA 0.4 6:0 (1.28 0.26 WAFOR 027 V. FIG. TUFE 28 12 PRESSURE 49 JUNPOR 827 1441/1041 37 12 PRESSURE MUNECR 0274946 FRESSIASE OF 11 F - 126 PAPER 927 C 101 024 IT FAETHURE 39 14.64 026 2 FRESSURE 35

12 PRESSURE MSON UAFOR 823 12 PRESSURE 49 :UAFOR 828 12 PRESSURE 49 UAPOR 828 -12 FRESSURE 49 UNFOR 829 12 PRESSURE 12 UAPOR 839 12 PRESSURE 50 1 ייי בנט אטיייי 12 PRESSURE -491.37 V.UAPOR 838 212 PRESSURE 49" - C 12 PRESSURE HELD A VAPOR AND A SE 12 PRESSURE HE 12 PRESSUR 48

VARON 616

ALTOPRESSUR 108

AUGROSPOS

A UAPOR 327 TEST 3 TEST 3 SET MODE 16 MAR 37 14:35

-12 PRESSURES 44 75 UNFOR 039 Large 039 1 200 1 12 PLESSURE 43 85 NAPOR 209 UAFOR E39 12 FHFTE FE. 44 12 PRESSURE 42 MARCE STE * WAPOR 839 . W ? 12 PAECILIE 44 12 FRESSURE 45 7 WW 3R 039 UMPOR 039 2 2 2 12 PRESSURE 43 12"FRESSURE 44 5 UNFOP 039 *UAPCR 039 12 PRESSURE 44 12 PRESSURE 43. THE CALL STREET WAPOP 839 ... 12 PFEITURE 43 12 PRESSURE 43. URF 38 039 UAPER 039 12 PRESTURE 43 12 PRESSURE HS UAFOR 039 LAPOR 939 12 PRESSURE 44 12 PRESSURE 43 UNFOR 839 UAFOR 839 13 PPETSUKE AT 12 PRESSURE AT LANGUAGE AND LANGUAGE AS LA 1 WE GE 039 15 NACEZONE 4000 10 NACEZONE 400 10 NACEZONE 400 15 NACEZONE 400 15 NACEZONE 12 PRESSURE 45
UAPOR 039
12 PRESSURE 46
12 PRESSURE 46
12 PRESSURE 47
12 PRESSURE 47 what ess 10 FFESSISE 43 WHPOR 039 10 FREISURE 42 CHECK DIS. . Ti. URPOR DATE A PARTICULAR DE COMPTON DE CARCON D 12 PRETTURE 44 WHERE 623 12 FFEETURE 45 DAFGE 019 -12 F-E30.FE 46 (UFC) 039 HJ. 7 12 FREISURE 45 H UAFOR DAR 11 PRESSURE 47: 12 PRESSURE 49: 12 PRESSURE 49: 12 PRESSURE 49: 12 PRESSURE 48: 13 PRESSURE 48: 14 PRESSURE 48: 14 PRESSURE 48: 14 PRESSURE 48: 15 PRESSURE 48: 16 PRESSURE 48: 17 PRESSURE 48: 18 PRESSURE 12-12- 329 12 FRESSLIS 44 1. F. C. 63.0 11 12ESTINE 43 CHECK 309 L. FRECSIGE 44 1-45F 019 1. PRESSUEE 4-UMPGE 034 12 FF2:" -: 4 Mar. 2 4:33 17 445 1-45 44 17 MeR (\$7, 11:21. ACTIVE PORTS 81 FPM SOME FPM ALERT 2000 PFO 1 7757 75 41 12 PM - SE 44 14552 616 Hart 1 673 10 PARTEURE 44 Cof 20 032 10 PRESCUES 44 12 PRESSURE 44 P. 12 PRESSURE FT AND CHESK BIR 12 PRESSURE SI UAFOR 019 12 FRESSULE: 43 WHEDE DES 12 PRESSURE 42

12 PRESSURE 40 IVATOR CIPTURES IN THE PROPERTY OF THE PROPERT UNFOR 237. 3 . 12 PRESSURE AL HAFOR' CUT - seree or 41. -FOR 037 ... 12 PRESSURE 41 1. FRESSURE 41 12 ERESSUBE: 42 ... UKPOR "846 " - -WHEOR 623 1 12 PRESSURE 41" 12 PRESSURE TH UAPOR 245 11570F 045 112 PRESSURE 42 12 PPESSURE 41 1.º PRESSURE 40 UAPCR 039 3-57 UMILLY DEG TO THE "WEDF 041 n 12 PRESSURE: 42 12 PRESSURE 41 . Pers WE 41 CUMPOR 219" UAPOR 045 1 12 PAESSURE AS 23 3-3 12 PRESSURE 48 - PEESURE 41 COPOR 039 5 MA CAPOR NO. CHG SORAV 1 move 935. 12 PRESSURE 41 UMPOR 839
12 PRESSURE 42 SE
14 1. PPESSURE 43 UAPOR 041 - 24 UNFOR 039 12 PRESSURE 40 12 PPESTURE 41 UAFOR 840 HAPOR NO. 12 PRESSURE 41 UAPOR 038 1,236 809 12 PRESSURE 41 C 12 PRESSURE 40 LUMPOR 839 500 123 12 PRESEURE 48 APOR 039 . . . 12 PRESSURE 49 12 PRESSURE 41 ** 1942 EURÉ 40 e€la 95s L'EFEHURE 41 UAFOR 039 12 PRESSURE 45 UAFOR 039 12 PRESSURE 43 NAPOR COS 14004 000 12 FAETS TE 48 10 436 1 SE 40 UAPOR COE . -147 \$10 eta 12.PRESSURE 45 UAPOR 039 4 4 211 AT FAMISLIFE TH UNPOR 039
12 PRESSURE 47
12 PRESSURE 47
14 PRESSURE 47
14 PRESSURE 47
14 PRESSURE 42
17 PRESSURE 42
18 PRESSURE 42 UAPOR 038 12 PRESSURE 40 UAPOR 038 FOR 879 10 MECHBUFE 40 11VE 838 12 PPESSURELIA .-1. *1613UFÉ FUR 036 \$1843E41 \$1 12 FFE35.48 41 WE'DE STE 12 FFEIGLEE 43 19 13 LEESS WE CYD WAFCA Ata . PHESE ESS 12 PFETSUFE (42 4) -12 FRESHURE 91. UAPOR 039 12 PRESSURE 42 UAPOR 039 12 PRESSURE 42 UAPOR 039 12 PRESSURE 43 UAPOR 039 12 PRESSURE 43 UAPOR 039 12 PHESSURE 39 Latur Cla Unit 2 037 12 PASSSAGE 41 15 FEEGOURE 34 14F25 228 1 400 - 237 12 FRESSLEE 41 IC PAPERUSE 40 12 F=2114F1 44 mede dit 12 PRESENTERAS 1.7 12 FREISSFE HT I. PRESSURE 4: URPOR 039 . A HUNGE COS WIFOR OTC 12 PFE: 314E 44 12 F#EETLES --IT PERSON AL Unitary War UST STORY 12 4933 74 45 4 1 (PE 2) 5 / Op 1 of Post 3.15 145 4 342 12 PFE: 45 42 UNPOR USA FUZ PETESURE HA WATER 12 PRESSURE 41 494° 2198 HI Unfun BAD . 8 015 12 PHESSURE 43 T TISHE H. 12 FRESS, RE 45 1 F THE RELEASE 12 FRETARE AS UMPOR 039 3 12 FRESSURE 45 34 UMPOR 019 0 4 US 1 12 PRESSURE 66 12 FRESSURE 43% 12 PREID E . UAFOR 848 WINDS OFF 12 PRESSURE 42 C PRESENCE 41 UHPOR 048 27 005 UAPOR 039 4 12 PRESSIFE 43 - + NET: 52 41 12 PRESSURE 45.
14 PRESSURE 41.
12 PRESSURE 41.
14 PRESSURE 44. LAFOH BAD - 0.00 12 PRESSURE 43 F#E: 41 14FGR 840 -0-1 12 FPESSURE 34 - /E 12. 4E 41 ... 741 UHPOR 033 12 PRESSURE 43 P-415 3E 40 UNPUR 239 TUNNE 12 PRESSURE, 45 184PEP 043 FC6 041 10 PRESDUEE 40 PRESSURE 41 .VAPOR 239 UAPER 048 12 PRESSURE H4 ... 12 PRESSURE 43 MAPOR 039 UAPOR 239

U-F08 274 12 FREITURE OF B CAPOF 034 12 PRESSURE 35 12 FFESS 35 (%.FGR 034 10 PRESCUPE 35 12 PRESSURE 30 1/4 12 PRESSURE 35 UNFOR 034 12 PRESSURE 35 4 UAPOR 034 12 12 PRESSURE 36 UAFOR 034 HL GILL EDGE PPH 12 PRESSURE 36 ... म्मानीम २०४० ह*न*स WAPOR 834 6 000R 5 12 PRESSURE 36 1515 S.7 07:33 UMPOR 234 a P N. OTED: 17 Mar 17 07:45 104 1105 12 PRESSURE: 364 54 UMPOR OZA 12 FRESSURE 36 THE R. P. LEWIS CO., LANS. MIT U-FOR 834 4. TEST & TEST COMPLETED 12 PRESSURE 36 UMPOR 834 12 PRESSURE 37 er (E (T - T PRESSURE ST 10 PRESS PRE 07 4 3 374 14PC 5 936 -12 FRESSLAS ZE ESHWE CI UAFOR 237 45% F152515E 6T 12 PRESUUPE/38. ; य सम्बद्धाः यद्भि 12 PRESSURE 37 800 505 MARGE 009 IS REFERRE 37 PRESSURE ED JA 335 29F04 039 55 12 PRESS RE 46 12 PRESAME 37 THESE TELEPHONE THEFOR OUT! 12 FREDSUME Co WARDE US6 JA 87: SHRE 47 1 - PRESSURE 34 -*12 PRESBURE 36 12 PRESSURE 36 12 19 PRESSURE 35 - 7 U 08 033 7 € V CASTR 0567 12 PRESSURE 37 1 คละสอบครัฐรา - 14805 EER- HY G. MAPSR CC4 10 PAERSUFE 35 12 PRESSURE 36 JP 634 U-ARCR 855 - 48101 FE 25 11 PRESSURE 36 UNFOF DE4 10 PAESE 48 76 DARGE 057 ... 15 8 88 FERRE 22 --80,30FE 05 +5811U18 LE 12 PRESSURE 37 19753 342 4 0 11 1 3 E ... 1 12 PRESSURE DY UNPORT 039 4711088.35 12 PRESSURE 3611 $\rho \in \{1, \dots, p_{k-1}\}$ HEGR ETT NU FAIR SHEETE 12 PRESSURE DA 😘 URROA 037 15 1 FE 35 10 PRESSURE US ULSOR GOS-U u è u è 6<u>€</u> 1= ua u y e 12 PREFSURE 35 - HEDR 036 1 : FE D9 10 PRESSURE 35 UNECE DIG . 10 FRESCURE 35 FRE BOSE 75 WEOR COS THE FURE 35 12 PRESSURE 35 16-08 CC6 12 PAESSURE 3:00 AFTS BE SE UAPCR 636 12 PRESSURE 34" MAPOP 036

13 PRESSURE 35 /F. AL PRESSURE AS The free to 12 PRESSURE 35 URPUR BOB 12 PRESSURE 37 1 UPPOR '036 12 PRESSURE 36 UAPOR 840 Aubood 1012 Thinks 12 PRESSURE 37 UAPOR 644 12 PRESSURE 36 VAPOR 844 12 PRESSURE 37 HE *UAPOR 044 12 PRESSURE 37 . 1 UAPOR 846 12 PRESPUPE 37 UAFOR 848 12 PRESSURE 37 91 UNPOR 1853 .. 12 PRESSURE 37 WAFOR 059: 12 PRESSURE 37 CE30 ROTAL 12 FRETSLRE (7) 12 PRESSURE 37 19 UNPOS 062 12 PRESSURE 07 1 UNPOR 660 1 12 FRESSURE 37 10 PRESSIFE DE WAFOR 059. 12 PRESSUFE WEST 639 TO THE 12. PSESSURE 37 UARDE 038-14 12 PRESSURE 37 12 PRESSURE 37 - 3 CAPOR 037 12 PRESSURE 37 L Vincus 037 11 PRESSURE 37 1 URFOR 1832 1 24 - 155 in Witness . UHPOF 337 12 FRESSURE 37 UHFOR .037." 12 PRESSURE 37 UMPOR 037 12 PRESSURE 37 ... UMPOR : 637 -12 PRESSURE 37 UNFOR 337 1 12 PRESSURE 37 WAFTER CS7 12 PRESSURE 36 GAROR DIT 12 PRESSURE 37 12 PRESSURE 37 URPOR BOT 12 PRESSURE 38 .

WIPOR 337.

110000 037 12 PRESSURE 37 .VAPOR 036 - UAPOR ,836 VT 12 PRESSURE - 38 UAPOR 036 12 PRESSURE 37 12 PRESSURE 39 UNFOR 037 A F 12 FRESSURE 40 1UAPOR 037 1 15 2 12 PRESSURE SO 5 1 UAPOR 837 12 PRESSURE 48

12 PRESSURE 38 UAPOR 036 H UNPOR 836 TH LOCK 412 PRESSURE 38 V V VAPOR 036 VAPOR BJO' SUAPOR OSE ...12 PRESSURE -37: TOPOGRASE TO THE TOPOGRASE TO THE TOPOGRASE TO 12 FRESSURE TS UAPUR 837. W12 PRESSURE 30 WARDE, 837 . T. 12 PRESSURE 37 1 QUARDA 037 SUAFOR TAKEN FOR A CONTROL OF A -WAPER DET H 12 FSEISLAI 17 116 LATE OF THE LOCK 12 PRE SOUT THE LAND TO SOUT THE SOUTH THE SOU A 12 PRESIDE TENTE L MARCH OST TO THE 12 PRESIDE TO TO 12 PRESIDE TO 12 PRESIDE TO 12 PRESIDE TO 12 PRESSURE 39
UAFOR 017
12 PRESSURE 39
UAFOR 017
12 PRESSURE 39 12 FRESSURE 30 P. WAPOR 637. 12 FRESTURE 41TH .-UAEGR 017 S. E. 12 PRESEURE 40 UGPOF 0371 12 PRESSURE 41 . WHERE 037 HIZ FIESDIRE ACTION

hopor 635 PER SHARWARD 12 PRESSURE 50 1 12 PRESSURE 494 PRESSURE 51 / WAPGR 635" 1708 075 UAPOR BIA 12 PRESSURE 50 12 PRESSURE 49 . 1. 12 PRESSURE 49 IC PRESSURE SI MAPOR 034 1,30- 605 ניהף עול שלא אויישון 12 PRESSURE 45 LESS! 12 PRESSURE 50. 12 Pressure 50 TEST 3 UAPOR 034 will the VAPOR 834 12 PRESSURE 49 P SET MODE 12 PRESSURE 58 FRESSURE 43 in on site UAPOR 034 . ? 15 PRESSURE 50 . 12 PRESSURE 49 12 PRESSURE 49 PAFESTIPE USPOR 034 UMPOR 034 - -UARCE 676 UAPOR 034 12 PRESSURE 45 C 12 PRESSURE 49 12 FRESSURE 49" 12 PRESEURE 49 WAPOR 035 UHF 18 836 12 FRESSURE 48 12 PRESSURE 50 10 APESSURE 49 UAPOR 834 UAPOR 835 V --იფრენ მეგ 12 PRESSURE 48 8 - 12 PRESSURE 48 12 FRESSURE 50 " (1 PPESSURE 49 LAFOR MODE 12 PRESSURE 58 LAPOR 036 15 3 1 URPOR 034 FURPOR 834 VALE HELK USB 12 PRESSURE 49 UNPOR 034 1 12 PRESSURE 48 1 UAPOR 034 12 PRESSURE 48 5 F FOR 336 12 PRESSURE 50 ;; 11 PPESS 198 49 VAPOR 614 1 UAPOR 037 H FOR 036 112 PRESSURE 49 15 UAFCR 834 4-345 24 12 PRESSURE 49 15 12 PRESSUPE 50 12 PRESSURE 45 VAFOR 038 WARDR Of J 12 PRESSURE 49 at 12 PREHH PE 48 UAPOR 814 1 W W 412 PRESSURE 48 V F UAPOR 814 7 A UAFOR 032 12 PRESSURE 50 02,554 635 WHPORIOT ALL PRESSURE APT CONTROL OF THE STATE OF THE STA 12 PRESSURE UAPOR BSS 20 P 335 12 PRESSURE 4817 12 PRESSURE 58-II EPSSEUFI 50 UAPOR 638 4A(4 205 12 PRESSURE 54 FA 112 PRESSURE 49 AL 12 PRESSURE 49 20 12 PRESSURE 49 27 1. PRESSIDES 49 UNFOR 039 FAR A & WAPOR 834 4 6.757 75 MILE PRESSURE 48 TV "_ PREICHEUSS ANAPOR 834 / 12 12 FRESSURE 48 juli x 535 UAFOR 834 VAFOR 834 TEST 3 SET HODE CASS A ROTIVE PORTS OF A SHARM SARALPPIN A MAFOR . 834 & LANS 12 PRESS IRE, \$0. FREESCRE ... URFOR 039 CHECK 635 10 FREEDURE 49 112 PRESSURE 48 . PFE38.88 to UAPOR 83. 12 PRESSURE 48. UAPOR 834 3.470. 12 PRESSURE 490. F UAPOR 834 MARCH 639 . FF(F 035 LEFRESSURE ARMIT 12 PRESSURE 49 VAFOR 027 . . . 12 PRESSURE 48 12 FREEDURE 49 TERREST ARE SERVED ALAKH 2006 FEMTA -- F 1,35 yapon 034 km k 11 FEE BUPE HT ردّ را جا جا دور ا JAPOR 034 AL 12 PFESELRE 49 45 1. PPESSIFE 50 UAPOR 034 CAPA UAPOR 035 -13 03E 12 PRELEMBE 45 12 PRESENTE SE U-#10F 035 HARRY 305 12 FRESSURE 48 (2 10 HRE(8) PL 49 UNFOR 235 3 . TO 1 -8 F 335 12 FRESSURE 47 12 PSESS 43 . 2 PPECBLPE #3 CAPOR CZ4 ULF 25 235 1-606 035 12 PRESSURE 47/1 UAPER 10357 4 .. FIELDE .2 28815, 28 49 AF . 2 635 12 PELYSONE 49 17 PRECEURE 47 1 1 Car 16 49 United 234 4 F 035. 12 PRESSURE 47 L UAPUR 034 12 PRESSURE AE TV 10 FREES RE 45 ... 1951:151 45 UAPOR OUT - 08 W35 12 FRESSURE 49 12 FPESSIGE UAPOR 234 ET. 12 FREISURE 43 K UAPOR 834 UAFER 014 JETE 1115 12 PPESSURE 50 S FRESCHIEL 49 WARRE PIS - F 035 12 PRESCURE 49 10 PRESSURE 50 PRES 19: 44 LACE 034 LAPOR 834 152 605 1. PHESSURE 49 12 PRESSURE 49 FRE-513 45 UAPOR 034 3'. ... 12 FRESSURE 49 UHF 18 614 - 0.3 12 FFESSURE 49 TH BENEFINE DATE 034 UAPOR 034 -Ja 05-12 FRESSIFE SO 12 PRESSURE 497 --F13:142 -k-08 305 UAPOR 014 UNPOR 634 12 PRESSURE 39 12 PRESSURE '50 12 PREISURE AR UMPOR ST4 . USPER DIA UH768 835 12 PRESSUPE 49 12 PRESSURE 49 11 PRESSIFE 50 UAPOR 034 . . . CHUR ADJAGAN UH1 BR 835 12 PRESSURE 49 12 PPESSUPE 11 FRETE FE 49 - HFKP 834 164 675 10 PRESSURE 49 1 - SECURE 14 275 25 29 16 Sec. 014 11 PRESSURE 4 1. 1-239 WE 44 WHEOR 635 12 FRESSURE 43

CAPUR BOS THE ASSISTANCE ASSISTANCE ASSISTANCE ASSISTANCE TO THE A NAPOR 034 12 PRESSURE 49 URFOR 035 12 FRESSURE DO Y UAPOR 834 42 PRESSURE 50. 312 PRESSURE 50 12 PRESSUPE: 49 UAPOR 035 - (** -URFOR 035 ALA 12 PRESSURE ED 112 PRESSURE 58 12 PRESSURE SE UAFCR 934". WASOR 035: 1.744 H UAPOR 835 12 PRESSURE 58 3 W. 12 PRESSURE 49 12 PRESSURE UAPOR 835 J2 PRESSURE 50 -02
VAPOR 835 - 12
PRESSURE 51 12
VAPOR 835 C 12
LA PRESSURE 51 12 PRESSURE 50 UNFOR 835 12 PRESSURE 50 . 12 PRESEURE 50 14 MAR 87 14:38 · WAPOR 036 * • 42 B TUE POPTO . 12 PRESSURE 40 UNFOR 036 12 PRESSURE 49 miroli 300° - UAPOR 035----12 PRESSURE SO ! 12 PRESSURE ST. GLAPPI 200° JA 74 DEBA UAPOR 036 ' -.. 1: INN 97 14:38 -12 PRESSURE 58 12 PRESSUEE, 5 12 PRESSURE 49 1 000F ... [81] 3 [83] COMPLETED -UAPOR 835 4 1875 UAPOR DIS URPOR J037 " 12 PRESSURE 50 / 12 PRESSURE 49 UKPOR 037 75.11 LAPOR 035 12 PRESSURE 50 1 UAFOR 535 12 PRESSURE 50 5 12 PRESSURE 50 12 PRESSURE 50 UAFOR 635: 4 554 MODE . 12 PRESSURE 49-1/12 PRESSURE ET H UBROR 335 473 UAPOR 837 3. 14 . 5 3 . 12 PRESSUFE 49 TEST 3 UAPOR 038 72 2. 10 PRESSURE 51 12 PRESSURE 49 UAFOR 838 7 12 PRESSURE - 334 *DAPOR 035 SE* 12 PRESSUREVAS TERRUPE 51 12 PRESSURE 45, ... UAPOR CL (R. 10) 375 P30 12 PRESSURE 49 12 PRESENT 43 Y VAPOR OLF 43 Y 12/PRESENTES 43 Y VAPOR VIS VE 12 PRESSURE, 49 DECE 832 - FOUR UAPOR .0331 12 PRESSURE 50 . A. 13 PRECSURE 49 NA208 233 ORFOR CITY AND THE PROPERTY OF 12 PRESSURE SO 12 FRESSURE 49 WHEOF 237 . 4 . 5 . . 12 PRESSURE SO OF -MillE Fi 12 PRESSURE 48 N SE 513 1,609 036 1, 1 14 11 JAE 10 U12 PAESSURE AS 1 UAPOR 035 IT PRESSURE 49 U. POR 805 12 PRESSURE 49°6 WHEE 035 11 12 PRESSURE 50 4 (E 10 45 4) 12 PRESSUFE 45 F 300 UMPOR 035 .. UAPER DIS LEGE AS DE LA PER DIS LA PER DIS LA PER DISE LA PEREDIS LA PER DISE FF218-FE 49 10 PRESSURE AS HAFOR 835 trance 335 inf 12 PRESSURE 43 (J. DAPOR 835) 12 FREEDURE DR 9-FUR 035 ABSELAC 45 12 PRESSURE 43 12 PRESSURE AST 1. PRESSURE 50 Uapor ess 11 F F 635 888110FT - 1 . 12 PRESCURE 48 4 12 PRESSURE 749 NO. 10 EFFSSLAE 50 854 BD2 UAFOR 035 DµF1R 335 → T123.782 43 12 FRESSURE 40 12 PRESSURE 49 12 FRESELFE ST UPPOR 025 " DAFOR 635 --19,60,8,005 PARTITURE AS 12 PRESSURE 45 12 PARTEUR C 12 PRESSURE 49 35-U.FCR:035 - --HAPPR 605 VAPER 635. 12 FRESSUFE 49 VIZ PRESSURE WE A 12 FRESSIGE 51 HAPOR 635 -UNFOR 035 " UAPER 025 12 PRESSURE 49 . 12 PRESSURE 45 12 FRESSURE SI UPPER USS . GE19912 235 04805 62 12 43830078 51 UAPER 235 7 2 #4T/45 2 12 PHESBURE 50 . 12 PREISURE 49 12 PRESSURE 50 VAPOR CSE . 12 PRESSURE 11 PHECOURS 51 DAFOR 035 4808 035 - UAFOR 035 12 PRESSURE SO 12 PRESTURE TO 12 PRESSURE 50 4 UAPER DIS יי "כבטר אספאנו UMPOR 635 . SIFE JE 12 PPESSURE 50 12 FRESELFE SIL 12 PPESSURE SO. UHF08 035 . WARDR 055 UNFOR 054 12 PRESSURE 45 12 PRESSURE 51 12 PRESSURE 52 UNIOR DOS " U--- CF 335 12 PRESSURE 52 MIZIPRESS.FE A91 13 PRESSURE 56 114414 035 UNFOR GCS 12 PRESSURE 5: 12 PRESSURE & FOLLY 12 PRESSURE UMPER 235. 12 PRESSURE 50 12. PRESSURE DI ... UnFOR OTE UAFOR TES 1 PECHOUPE SO 12 PRESSURE EL S. UAPCR CIE ⊣కంగ భవక 12 PRESSURE 51 194505 615 12 FPETSIFE WAPOR 035 12 PRESSURE S VAPOR -835 14

CHAIN OF CUSTODY AND SAMPLE IDENTIFICATION RECORD

| ERM-West Environmental Resources Management ERM-West Client: Greyhourd Sampler (s): M. Bell Date: 3/17/47 Weather: Juney 55° | | | 17- /87 | Job No: 238 No. of Samples Collected: 8 | | | | | |
|---|-----------------|---------------------|--|--|------------------------------|-------------|---------------|--|-------------|
| Suite 26 | 0 reek, CA 9 | | | | | | | | |
| Sample ID # | Time | Water Comp. Grab | e Type Soil Comp, Grab | Volume | No. of Conturs Contur. | Preser- | | Sampling Method | Analyses |
| 1 | 13/16/07 | 16-16.5 | | D-1790 | 6" Shelby Tube | Mone | r | Orive Sample | 70 870 11.6 |
| 2 | 3/16/87 | 16-16.5' | | 0-1791 | 6" Shelby | HORE | 4 | Drive Sample | 11000 1500 |
| 3 | 3/16/87 | 16-16.5' | | D-1792 | 6 th shelly | none | 7 | Arive Sample | 0616 1900 |
| 4 | 3/16/97 | 9,50-10' | | P-1793 | 6 Shelby Tube | rone | 4 | Drive Sample | 210120 |
| 5 a | 3/17/87 | 116"-12' | | 0-1794 | Shelly Tube | none | y | Drive Sample | 8010 18020 |
| . 56 | 3/17/87 | 17-17.5' | | D-1795 | 6ª Shelby Tube | none | У | Drive Sample | AC16 15020 |
| 6 " | 5/17/87 | 17-17.5' | | D-1796 | G* Shelly Tube | none | У | Arive Sample | 10 let Fet |
| Comments: | Harris I. | | Custod Signatur Relinquished Received: // Relinquished Received: Relinquished Received: Relinquished Received: | ielle w | Truck 3/1 | 7/87 4pm | Name Recei | and Address ving Labora ' Comst Andy | tory |

CHAIR OF CUSTODY AND SAMPLE IDENTIFICATION RECORD

| ERN-West Client: Gryhound Environmental Sampler (g): M. //c// Resources Date: //r/89- No. 1777 Botelho Drive Suite 260 Walnut Creek, CA 94596 (415) 946-0455 | | | 10 C | Job Location: Osklard, CA Job No: 238 No. of Samples Collected: 8 page 3 of 2 | | | | | |
|--|---------|-------|--|--|------|---------|----------|--|------------------------------|
| Sample ID # | Time | Water | ple Type Soil ab Comp. Grab | Volume | Type | Preser- | | Sampling Method | Analyses |
| 7 | 3/17/87 | | | | Tube | hone | <u>y</u> | Drive Sample | Total Petroku Hydrocarbon |
| | | | | | | | | | |
| <u>.</u> | | | | | | · | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Comments: | | | | y Record e, Date/1 | line | | Recei | and Address ving Labora Coast Anak | tory |
| | | | Ralinquished Raceived: Ralinquished Raceived: | | | | | | |
| | | | Relinquished Received: | : | | | | | |

CHARACTER STATE OF THE STATE OF

| ERM-West Environmental Resources Management | Client: Sample: Date: Weathe | Job Rospins Collected: # |
|---|---------------------------------------|--------------------------|
| 1777 Botelho Drive | | page / of / |

1777 Botelho Drive Suite 260 Walnut Creek, CA 94596 (415) 946-0455

| Sample ID # | Time | Sample Type Water Soil Comp. Grab Comp. Gra | b Volume | Type | Preser- yative | | Sampling Method | Analyses |
|----------------|------|---|-----------------------|------------|-------------------|----------|--------------------|----------|
| B1 | 2.45 | | 10m/ | glass vial | rone. | 7 | Beiter | 82400 |
| B/ | 2:45 | | FOM/ | shess vial | none | 4 | Buter | 8240, |
| B6 | 2:30 | <u> </u> | 10ml | stass usal | sone. | 4 | Bailer | 82400 |
| B6 | 2:30 | V | 10ml | glass viel | none | <i>y</i> | Bailer | 8240p |
| | | | | | | | | |
| | | | The second control of | · | | | | |
| | | | | l ; | | | | |

| turnary of American | The thomas In the Son | Name and Address of Receiving Laboratory Central Coast Analytical |
|--|--|---|
| STATE OF THE STATE | And the second s | Services 141 Subricken Rd CA |
| | Production of the state | 1390/ (805) 543 - 2553 |
| | ace inquished: | |
| | Recaived: | |