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# SUBSURFACE ENVIRONMENTAL INVESTIGATION 208 JACKSON STREET OAKLAND, CALIFORNIA

Prepared for:

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### 1.0 INTRODUCTION

At the request of Wo Lee Food Company, ACC Environmental Consultants, Inc. (ACC) has prepared this report of results from a subsurface environmental investigation performed at the above-referenced site (Figure 1). The environmental investigation was performed at the request of the Alameda County Department of Environmental Health (ACDEH) to further evaluate the lateral extent of hydrocarbon-impacted soil and groundwater, adjacent to and downgradient of four former underground storage tanks (USTs), illustrated on Figure 2.

The scope of work for this investigation consisted of: (1) using a pneumatic sampler to drill and sample five offsite soil borings downgradient of the former tanks at the approximate locations shown on Figure 3; (2) using a pneumatic sampler to drill and sample eleven onsite soil borings at selected locations adjacent to former tanks at the approximate locations shown on Figure 3; (3) collecting and analyzing soil and water samples from the borings; (5) submitting the soil and groundwater samples to an approved, state-certified laboratory for analyses; and (6) evaluating the results and preparing a report of findings.

### 2.0 BACKGROUND

Four underground storage tanks (USTs) were removed from the site in March 1990. Tanks #1 and #3 are reported to have contained diesel fuel and tanks #2 and #4 contained gasoline fuel. Approximate locations of the tanks are shown on Figure 2. Analytical results indicated that concentrations of Total Petroleum Hydrocarbons as diesel (TPHd) and benzene, toluene, ethylbenzene and total xylenes (BTEX) were present in the soil from the excavation for tank #1. Soils left in place in the other tank excavations had relatively low concentrations of Total Petroleum Hydrocarbons as gasoline (TPHg), TPHd and BTEX. Overburden soils from the tank locations, and approximately 125 cubic yards of soil was excavated and stockpiled onsite.

Three exploratory soil borings were drilled at the site by Subsurface Consultants, Inc., (SCI) in May 1990 and converted to groundwater monitoring wells. Approximate well locations are shown on Figure 2. SCI sampled monitoring wells MW-2 and MW-3 and water from the tank #2 excavation in January 1994 and submitted water samples for analyses. Analytical results of groundwater samples from MW-2 and MW-3 did not detect TPHg, TPHd or BTEX, but excavation water from tank #2 revealed 3,700 micrograms per Liter (ug/L) TPHd and xylenes at 1.1 ug/L.

SCI conducted further subsurface assessment in May 1994. Two additional groundwater monitoring wells (MW-4 and MW-5) were installed downgradient of the former USTs, adjacent to Second Street in the south corner of the property. SCI sampled the onsite monitoring wells but were unable to find MW-1. MW-1 is believed to have been destroyed during previous site excavation of tanks #1 and #3. Analytical results of groundwater samples collected from MW-2, MW-4 and MW-5 indicated that groundwater has been impacted by hydrocarbons from the former underground storage of gasoline and diesel fuels, and may have migrated offsite.

Due to the occurrence of constituents in groundwater onsite and according to the request of the ACDEH, additional offsite and onsite subsurface investigation has been requested.

# 2.1 Previous Groundwater Sampling Results

Previous groundwater monitoring included measuring depth to water, subjectively evaluating groundwater, and purging and sampling the wells for laboratory analysis. Groundwater beneath the site is encountered between 4.2 to 5.4 feet below ground surface (bgs). The direction of groundwater flow direction was reported to be toward the south with a gradient of approximately 0.011 foot/foot. Historic groundwater monitoring data from onsite wells is summarized in Table 1, as reported in SCI's Groundwater Contamination Assessment Report, dated July 12, 1994.

TABLE 1 - Groundwater Monitoring Results

Well No.	Date Sampled	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl- benzene (ug/L)	Xylenes (ug/L)	TPHd (ug/L)
MW-1	5/21/90	25,000	400	440	330	650	5,500
MW-2	5/21/90 1/06/94	<50 <50 50	<1.0 <0.5	<1.0 <0.5	<1.0 <0.5	<1.0 <0.5	<50 <50 <50
MW-3	5/21/90 1/06/94 6/03/94	<50 <50 <50	<1.0 <0.5 <0.5	<1.0 <0.5 <0.5	<1.0 <0.5 <0.5	<1.0 <0.5 <0.5	<50 <50 230*
MW-4	6/03/94	210,000	7,600	28,000	3,700	24,000	9,800
MW-5	6/03/94	7,800	3.8	6.2	10	16	4,600

Notes: TPHg = Total Petroleum Hydrocarbons as gasoline

TPHd = Total Petroleum Hydrocarbons as diesel

ug/L = micrograms per Liter = parts per billion (ppb)

= Less than detection limit indicated (see analytical reports)

### 3.0 FIELD PROCEDURES

# 3.1 Offsite Exploratory Soil Borings

Prior to drilling and sampling activities, two excavation permits were obtained from the Oakland Department of Public Works (DPW) and an exploratory soil boring permit was obtained from the Zone 7 Water Agency. Copies of permits are included in Appendix A. Locations of the proposed borings were marked with white paint, and the DPW and Underground Service Alert (USA) were notified at least 72 hours prior to commencing work.

ACC subcontracted Environmental Control Associates (ECA) to drill five exploratory soil borings offsite along Second and Madison Streets using a pneumatic precision sampling tool. The borings were drilled in locations specified in a Work Plan by SCI, previously approved by ACDEH, and which were anticipated to provide the most information on the lateral extent of

the dissolved hydrocarbon plume in the approximate downgradient direction. The five soil borings were drilled to a depth of approximately 10 feet bgs using a pneumatic sampler. Drilling was terminated once saturated soil conditions were encountered (4 to 5 feet into the saturated zone) or at a depth of approximately 10 feet bgs. Soil samples were collected near the capillary fringe in each boring and were submitted for laboratory analysis for TPHg, TPHd, and BTEX. In addition, grab groundwater samples were collected from each boring and analyzed for TPHg, TPHd and BTEX. Analytical results are attached as Appendix B. Boring locations are illustrated on Figure 3.

## 3.2 Onsite Exploratory Soil Borings

ACC subcontracted ECA to drill eleven exploratory soil borings onsite, in areas adjacent to the former UST locations and inside the metal shed in the southern corner of the property, using a pneumatic precision sampling tool. The borings were drilled in locations which were anticipated to provide the most information on the lateral extent of groundwater and soil impacted by hydrocarbons and by observations made in the field.

The eleven soil borings were drilled to a depth of approximately 10 feet bgs using a pneumatic sampler. Drilling was terminated once saturated soil conditions were encountered (4 to 5 feet into the saturated zone) or at a depth of approximately 10 feet bgs. Soil samples were collected near the capillary fringe in each boring and were submitted for laboratory analysis for TPHg, TPHd, and BTEX. Analytical results are attached as Appendix B. Boring locations are illustrated on Figure 3.

Based on field observations made during the drilling of soil borings B6 - B10, specifically hydrocarbon odors noted in soil and groundwater samples, grab groundwater samples collected from the borings were analyzed for TPHg and BTEX and samples collected in B6 - B8 were analyzed for TPHd. Due to the location of the former tanks, the elevated concentrations of hydrocarbons in monitoring wells MW-4 and MW-5, and field indications of hydrocarbon impacted groundwater, ACC made the decision to collect grab groundwater samples from the onsite borings to further characterize groundwater conditions and avoid the expense of having to remobilize and perform further investigation of impacted groundwater.

### 4.0 FINDINGS

### 4.1 Subsurface Conditions

The soil cuttings and samples were logged by an ACC registered geologist during drilling operations and the soil cuttings are described in accordance with the Unified Soil Classification System (USCS). Lithologic logs of the borings and the USCS are attached as Appendix C.

At the time of drilling and sampling activities, ground surface for offsite boring locations (B1 - B5) and some onsite boring locations (B11 - B16) were covered with concrete pavement over base rock. Boring locations B6 - B10 were covered with varying thicknesses of gravel.

15-1500 silt

Subsurface soils were consistent across the study area and consisted of dark brown to brown, silty sand (SM) from surface to approximately 2-3 feet below ground surface (bgs) grading to sand (SP), from approximately 3-10 feet bgs, the total depth of investigation. These sands are interpreted as being part of the Merrit Sand Formation. Indications of petroleum hydrocarbons (i.e. discoloration and petroleum odor) were not observed in the offsite soil borings.

# 4.2 Analytical Results - Soil

Results of the soil sample analyses are summarized in Table 2. Analytical results are reported in mg/kg, approximately equivalent to parts per million. Copy of the analytical results with chain of custody are attached in Appendix B. Boring locations are shown on Figure 3.

TABLE 2 - Sample Results - Soil

Sample #/depth	Date	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- benzene (mg/kg)	Xylenes (mg/kg)	TPHd (mg/kg)
SB1-4.0	3/21/95	<1/	< 0.005⁄	< 0.005	< 0.005	< 0.005	1.3
SB2-4.0	3/21/95	<1	<0.005/	<0.005 <sub>/</sub>	< 0.005	< 0.005	5.4
SB3-4.0	3/21/95	<1 <	< 0.005	< 0.005/	< 0.005	~ 0.013 <i>&lt;</i>	<1/
SB4-4.0	3/21/95	<1 /	< 0.005	<0.005/	<0.005	0.014	<1 /
SB5-4.0	3/21/95	<1 <	< 0.005	< 0.005	< 0.005	0.019 /	<1 /
SB6-4.0	3/21/95	<1/	< 0.005	< 0.005	< 0.005 /	0.013	<1
SB7-4.0	3/21/95	1.7	0.040 /	0.011	0.0074	0.029	<1 /
SB8-4.0	3/21/95	2.9 /	0.026 /	0.012	0.030	0.091	94 🖊
SB9-3.5	3/21/95	<1 /	<0.005/	<0.005	< 0.005	<0.005	<1
SB10-3.5	3/21/95	2,300/	5.3 /	26	40	200	71 /
SB11-3.5	3/22/95	<1/	<0.005	< 0.005 ,	< 0.005	< 0.005	1.4
SB12-3.5	3/22/95	22/	0.023 <	0.43	0.21	3.6	1,100 /
SB13-3.5	3/22/95	2,700/	1.9 /	3.9	34	210	66 🦯
SB14-3.5	3/22/95	4.2	< 0.005	0.044	0.024	0.25	< 1
SB15-3.5	3/22/95	710	1.5	0.40	1.3	7.6	5.6
SB16-3.5	3/22/95	270	2.2	25	9.6	59	1,200

Notes: TPHg = Total Petroleum Hydrocarbons as gasoline

TPHd = Total Petroleum Hydrocarbons as diesel

mg/kg = milligrams per kilogram = parts per million (ppm)

< = Less than detection limit indicated (see analytical reports)

All soil samples collected were submitted to Sequoia Analytical in Concord, California for analysis of Total Petroleum Hydrocarbons as gasoline (TPHg) and BTEX distinction by EPA test method 8015/8020, and Total Petroleum Hydrocarbons as diesel (TPHd) by EPA test method 3550/8015. Analysis results from the groundwater samples are summarized in Table 2. Copies of the analytical results with chain of custody form are attached in Appendix B. Analytical results are expressed as mg/kg which is approximately equivalent to parts per million.

### 4.3 Analytical Results - Groundwater

One water sample was collected from each offsite boring and from onsite borings drilled in the vicinity of the former tank excavations. Samples selected for analysis were chosen based on observations made in the field, and were submitted to an analytical laboratory for analysis of TPHg, TPHd and BTEX. The groundwater samples were collected from the open borings with the use of a pre-cleaned stainless bailer.

TABLE 3 - Sample Results - Groundwater

Sample No.	Boring Number	TPHg (ug/L)/	Benzene (ug/L)	Toluene (ug/L)	Ethyl- benzene (ug/L)	Xylenes (ug/L)	TPHd (ug/L)
W1	SB1	< 50	< 0.5/	< 0.5/	< 0.5 /	<0.5	<50 /
W2	SB2	53 /	0.56	< 0.5	< 0.5	1.4	170
W3	SB3	<50	< 0.5	< 0.5	< 0.5	<0.5	140
W4	SB4	< 5,0	< 0.5 <	<0.5	< 0.5	<0.5	< 50
W5	SB5	<-50,/	<0.5 ∕	< 0.5	<0.5	<0.5⁄	170
W6	SB6	< 50 <sup>-/-</sup>	<0.5 <	<0.5 /	<0.5	<0.5	160
W7	SB7	<50	1.0	0.52	< 0.5	1.2	< 50
W8	SB8	<50	<0.5	<0.5	<0.5	< < 0.5	320 🗹
W9	SB9	78₹	2.1 /	< 0.5	< 0.5	5.3	NA
W10	SB10	140,000	2,100	7,700	4,600	27,000	NA
W11	SB11	46,000	55	36	570	3,500	33,000
W12	SB12	330,000	1,200	27,000	9,700	61,000	100,000

Sample No.	Boring Number	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl- benzene (ug/L)	Xylenes (ug/L)	TPHd (ug/L)
W13	SB13	150,000	1,100	5,500	6,200	37,000	38,000
W14	SB14	200,000 /	<b>2,700</b> /	61,000	5,900	37,000	84,000
W15	SB15	72,000	2,300	3,600	5,200	27,000	5,500 /
W16	SB16	200,000	22,000 (	69,000	6,300	39,000	6,200

Notes: TPHg = Total Petroleum Hydrocarbons as gasoline

TPHd = Total Petroleum Hydrocarbons as diesel

ug/L = micrograms per Liter (ppb)

NA = Analysis not performed

< = Less than detection limit indicated (see analytical reports)

All groundwater samples collected were submitted to Sequoia Analytical in Concord, California for analysis of Total Petroleum Hydrocarbons as gasoline (TPHg) and BTEX distinction by EPA test method 8015/8020, and Total Petroleum Hydrocarbons as diesel (TPHd) by EPA test method 3550/8015. Analysis results from the groundwater samples are summarized in Table 3. Copies of the analytical results with chain of custody form are attached in Appendix B. Analytical results are expressed as ug/L which is approximately equivalent to parts per billion. Boring locations are shown on Figure 3.

### 5.0 DISCUSSION

# 5.1 <u>Soil</u>

The subsurface soil investigation conducted by ACC on March 21-22, 1995 indicated concentrations of TPHd in soil from borings B1 and B2, ranging from 1.3 - 5.4 ppm. ACC believes these results to be anomalous and possibly the result of surface impacts. No TPHg or BTEX constituents were detected in any of the offsite soil samples from borings B1 through B5.

Analytical results of soil collected from onsite soil borings revealed detectable levels of constituents exist in the capillary fringe. Soil impacted by hydrocarbons has largely been addressed with overexcavation of the former USTs but impacts to soil in the general vicinity of the USTs appear to have been primarily caused due to the subsurface migration of hydrocarbons in shallow groundwater.

### 5.2 Groundwater

Grab groundwater samples collected in the offsite borings revealed varying concentrations of TPHd ranging from 140-170 ppb. TPHg noted in the grab groundwater sample W2 (boring B2) at a concentration of 53 ppb appears anomalous and possibly the result of surface impacts.

Groundwater at the site on March 21, 1995 was estimated to be approximately 4.5 feet bgs based on the moisture content of soils at 4 feet bgs and the improved drilling penetration rate (interpreted as a decrease in soil density) noted in soils approximately 5-10 feet bgs. Previous experience with poor quality water bearing zones, similar to conditions encountered at the site, typically exhibit retarded migration in groundwater. Shallow gradient and pavement capping the site and nearby areas also retards migration of hydrocarbons in the groundwater.

Analysis of grab groundwater samples collected in the borings indicate that water beneath the site has been impacted by hydrocarbons. Concentrations of TPHg noted in grab groundwater samples typically present a "worst-case scenario". While concentrations of TPHg in grab-groundwater samples do not represent overall groundwater conditions, grab groundwater samples are indicative of water conditions at the top of the saturated zone. TPHg groundwater-concentrations of 200,000 - 330,000 ppb in borings B12, B14 and B16, may indicate the existence of a free product phase (Guard et al 1983).

### 5.2.1 Figure 4 - Distribution of TPHg

Iso-Concentration contours for the approximate distribution of TPHg in groundwater is illustrated on Figure 4. These contours were generated using Surfer® (Golden Software Inc.) and are based on reported concentration values from groundwater samples collected in the borings, summarized in Table 3. The contour interval is 50,000 ppb. Iso-Concentration contours are an approximation based on limited data points, and may not reflect actual subsurface conditions. It has been included in this discussion because data quality is believed to be high and general soil conditions in the saturated zone appear to be uniform.

Figure 4 demonstrates that TPHg appears to be centered in the vicinity of B12 and contours indicate a plume of decreasing concentrations migrating to the southeast, towards Madison Street and approximately parallel to Second Street. The majority of impacted groundwater exists on the site property. The water samples from borings B1 and B4 did not detect TPHg.

# 5.2.2 Figure 5 - Distribution of TPHd

Iso-Concentration contours for the approximate distribution of TPHd in groundwater is illustrated on Figure 5. These contours were generated using Surfer® (Golden Software Inc.) and are based on reported concentration values from groundwater samples collected in the borings, summarized in Table 3. The contour interval is 20,000 ppb. Discussion of the reliability of Iso-Concentration contours is included in section 5.2.1. above.

Figure 5 demonstrates that TPHd appears to be centered in the vicinity of B12 and B14 and contours indicate a radial plume of decreasing concentrations migrating in all directions, with a slight inclination to the south. The majority of impacted groundwater exists on the site property. The water samples collected from borings B1 and B4 did not detect TPHd.

### 5.2.3 Figure 6 - Distribution of Benzene

Iso-Concentration contours for the approximate distribution of benzene in groundwater is illustrated on Figure 6. These contours were generated using Surfer® (Golden Software Inc.) and are based on reported concentration values from groundwater samples collected in the borings, summarized in Table 3. The contour interval is 4,000 ppb. Discussion of the reliability of Iso-Concentration contours is included in section 5.2.1. above.

Figure 6 demonstrates that benzene appears to be centered in the vicinity of B16 and contours indicate a plume of decreasing concentrations migrating to the southeast, towards Madison Street and approximately parallel to Second Street. The majority of impacted groundwater appears to exist off the site property. The water samples collected from borings B1 and B4 did not detect benzene.

#### 6.0 CONCLUSIONS

Limited subsurface investigation indicates that soil and groundwater in the vicinity of the former underground storage tank excavations has been impacted. This impact appears to be primarily the result of hydrocarbon migration in the shallow groundwater observed at the site. The areal extent of impacted groundwater is largely confined to the property, as illustrated on Figures 4 - 6, but benzene appears to be migrating offsite to the southeast between boring locations B10 and B15. The areal extent of impact to groundwater offsite is known to some extent with hydrocarbons not being detected in borings B1 and B4. ACC believes the TPHd detected in borings B2, B3 and B5 are probably the result of surface impacts or other unknown sources.

Migration patterns observed in iso-concentration contours indicates recharge to the shallow water bearing zone has occurred in the open excavation. This recharge assisted the migration of hydrocarbons in the subsurface. ACC recommends that the open excavation be properly backfilled and compacted with clean fill to remove the opening as a source of recharge to the shallow groundwater.

Additional work was performed as part of this investigation that was not included in the original scope of work. Due to obviously impacted groundwater, grab water samples were collected in the onsite borings to investigate the degree and areal extent of impact. This data would have been necessary to properly evaluate site conditions and possible remediation options. In our opinion, the additional work attained these goals and were cost effective for the client.

Due to the impact to groundwater from the former underground storage of gasoline and diesel fuels at the site, and pursuant to the Tri-Regional Board guidelines, ACC recommends quarterly monitoring be instituted in the existing monitoring wells and groundwater samples be analyzed for TPHg, TPHd, and BTEX.

### 7.0 REFERENCES

Subsurface Consultants, Inc. July 12, 1994. Groundwater Contamination Assessment, 208 Jackson Street, Oakland, California. Project Number 886.001

Guard, H.E., Ng, J., and Laughlin, R.B. September 1983. Characterization of Gasolines, Diesel Fuels and Their Water Soluble Fractions. Naval Biosciences Laboratory, Naval Supply Center, Oakland, California.

### 8.0 LIMITATIONS

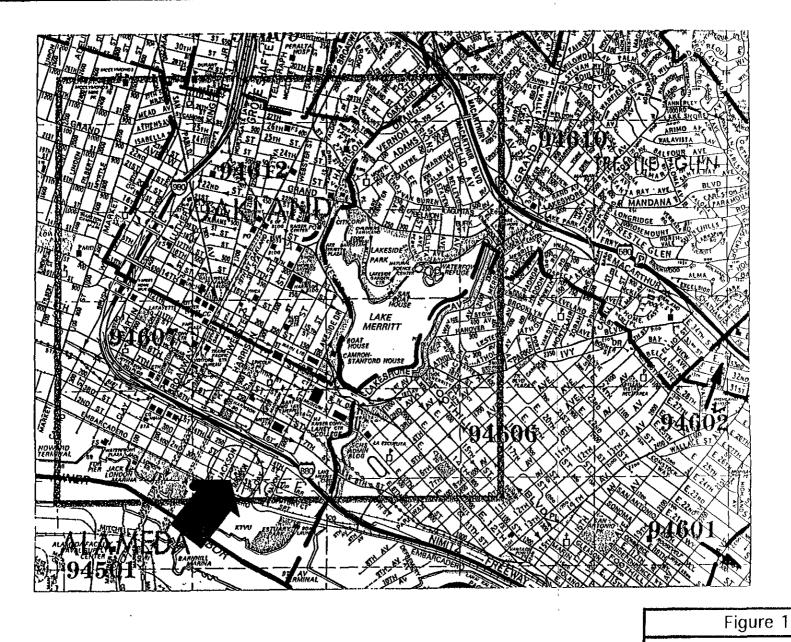
The discussion and recommendations presented in this report are based on the following:

- 1. The exploratory test borings drilled at the site.
- 2. The observations by field personnel.
- 3. The results of laboratory analyses performed by a state-certified analytical laboratory.
- 4. Documents referenced in this report.
- 5. Our understanding of the regulations of the State of California and the County of Alameda.

It is possible that variations in the soil or groundwater conditions could exist beyond the points explored in this investigation. In addition, changes in the groundwater conditions could occur at some future time due to variations in rainfall, temperature, regional water usage, or other unknown factors.

The service performed by ACC Environmental Consultants has been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area. Please note that contamination of soil and groundwater must be reported to the appropriate agencies in a timely manner. No other warranty, expressed or implied, is made.

ACC Environmental Consultants includes in this report chemical analytical data from a state-certified laboratory. The analytical results are performed according to procedures suggested by the United States Environmental Protection Agency and the State of California. ACC is not responsible for laboratory errors in procedure or result reporting.



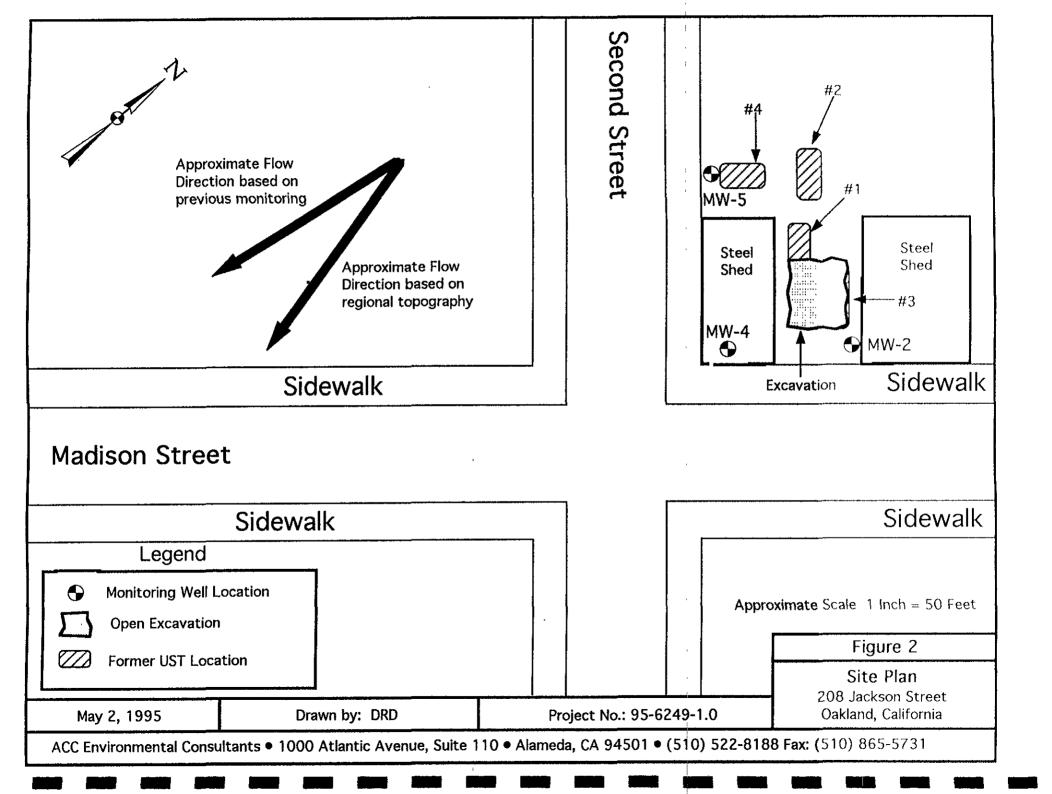
Source: Thomas Brothers Guide

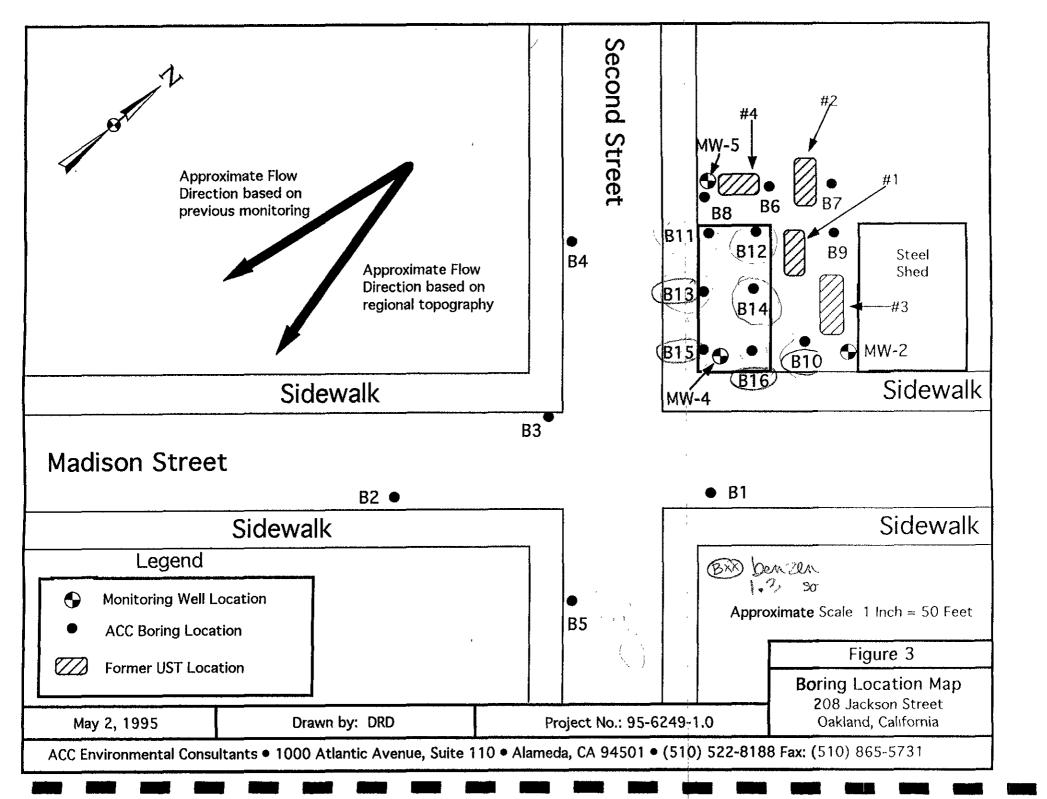
Site Plan 208 Jackson Street Oakland, California

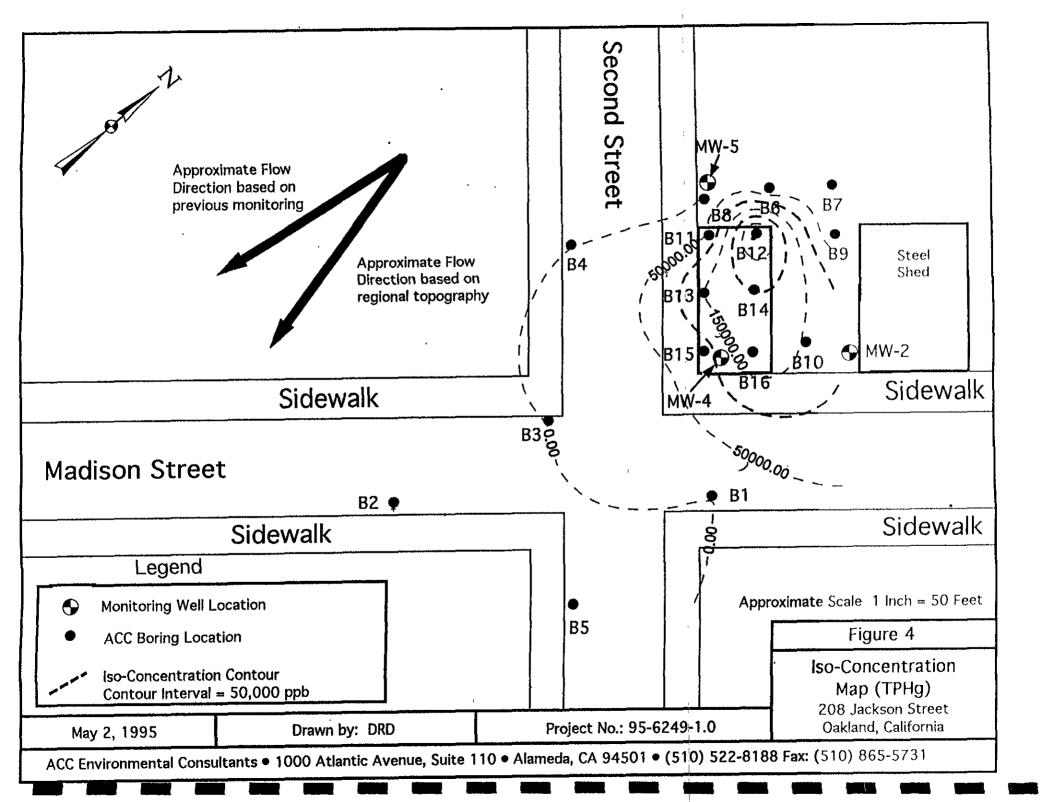
May 5, 1995 Drawn by: DRD

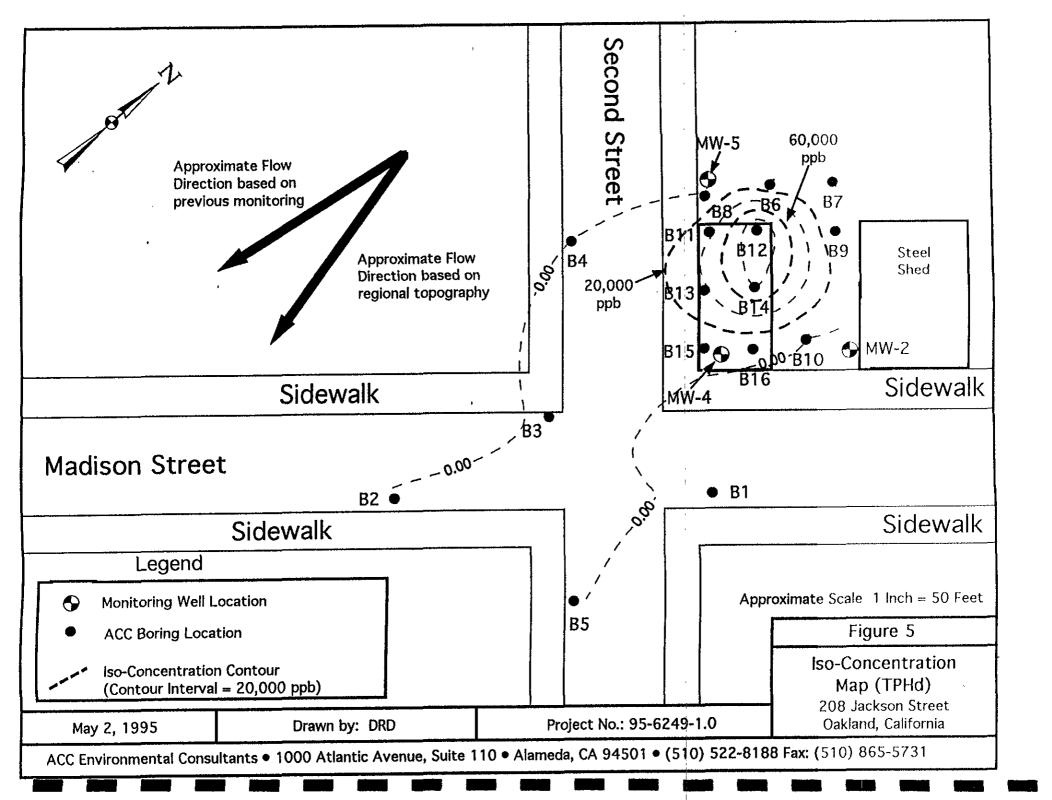
Project No.: 95-6238-1.0

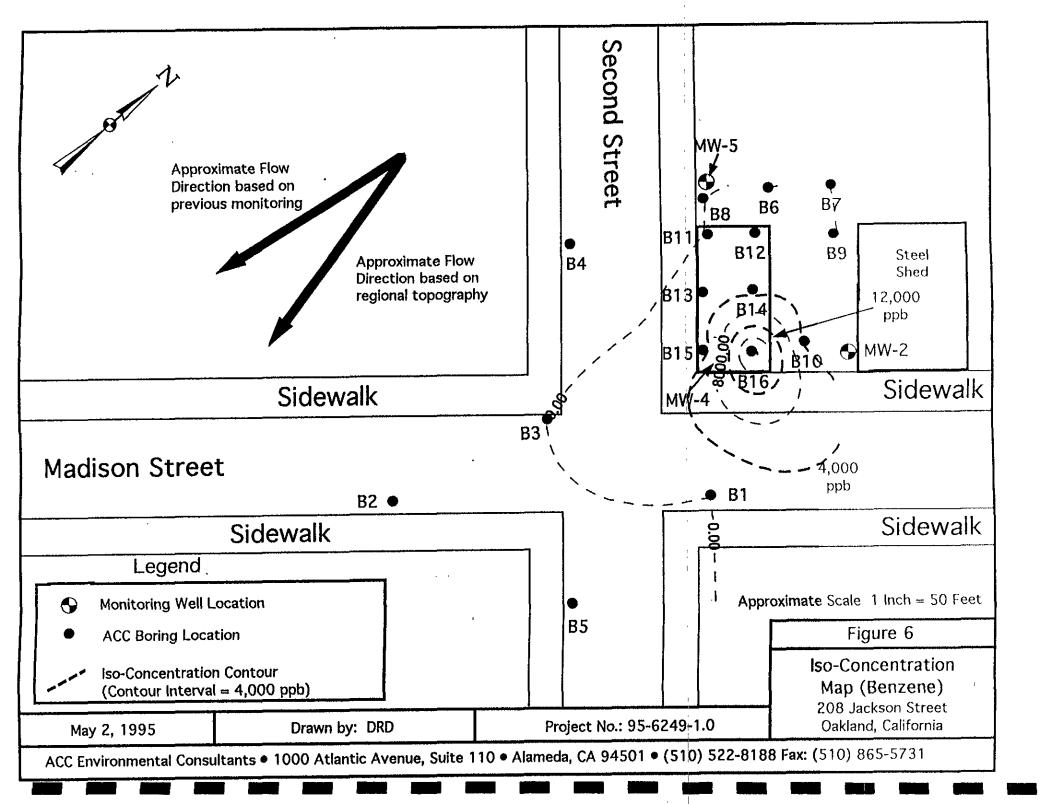
ACC Environmental Consultants ● 1000 Atlantic Avenue, Suite 110 ● Alameda, CA 94501 ● (510) 522-8188 Fax: (510) 865-5731











APPENDIX A
PERMITS

# CITY OF OAKLAND

# PERMIT TO EXCAVATE IN STREETS OR OTHER WORK AS SPECIFIED

ALCress 208 Jackson

WORKER'S COMPENSATION

PAGE 2

I hereby affirm that I am exempt from the Contingent's License Law for the following research		
(See, 7071.5.) Business and Provisions Code; Any city or obusiny which requires a permit to construct, after, informs, demograph, or report any structure, prior as XTS issuence, and re-	PERMIT VOID 90 CAYS FROM CATE OF ISS BY DIRECTOR OF PUBLIC WORKS.	UE UNLESS EXTENSION GRANTED
quires the acomment for such correct to the a signed statement that he at licensest durinant	Approximate Starting Date	CATE
to the provisions of the Commissor's License Law Chapter 5 (commission) with Set, 7000 of Division 3 of the Summers and Provisions Code, or that he is exempt therefrom and	Approximate Completion Date	CALE
the basis for the alleges eneropoids, Any violation of Section 7021.5 by any applicant for a partial Subjects the applicant by a cris panety of rist more than \$5000.	HOLIDAY RESTRICTION (1 NOV — 1 JAN)	YES NO
It, as deriver of the property or my engages with regal as their sole comparession, and go the work, and the structure is not intended or others for sale Ger, 70344. Summers and Professions Cook The Contractor's License Law does not apply to an owner of property.	LIMITED OPERATION AREA (7AM - SAM/4PM - 6PM)	YES NO V
who builds or interest thereon, and who does such work homeel or through the dwe	DATE STREET LAST RESURFACED	CATE
employees, provided that such improvements are not previded of otheres for such. If, follower, the building of improvement is spit worse one year of openings, the owner-builder will have the burden of proving that he day not build or improve for the purpose of 2004,	SPECIAL PAVING DETAIL REQUIRED	YES NO
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Protessore Codes,  [1] I, as owner of the property, are exclusively consecuting with floaresed constructions to consecuting the property State, 7044, Blazaness and Protessore Codes Time Constructor's Uniones Uses	ATTENT	QN
does not apply to an owner of property wine builds of proposes thereon, and who continues	State law requires that commissions what call	
for such projects with a continuous licensed pursuant to the Contractor's Licenses Little  [2] I aim electron unique Sea	Ing days before excavating to here below-or not reald wheel approant has sections as six	Many identification number issued by
[ ] 1 an army date 300	Underground Service Alers	•
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(The section need not be completed if the permet is for one numbres delians (\$1000 or ress.)	-CONTRACTOR	
D~~ DeL# 3/15/95	CONTRACTOR  I hereby affirm that I art licensed under proving Section 7000 of Division 3 of the Business at its in full force and effect.	sions of Chapter 9 (commencing with nd Professions Code, and my license
(This section need not be completed if the permit is for one hundred delians (2000) or ress).  I comity that in the performance of the work for which this permit is resuld. I shall not employ any person in any manner so as to become sudject to the Vigness Compensation Laws.	CONTRACTOR  I hereby aftern that I art ficurated under provi Section 7000 of Division List the Business a	sions of Chapter 9 (commencing with nd Professions Code, and my license
(This section need not be competed if the permit is for one hundred dollars (\$1000 or less).)  Southly that in the performance of the work for which this permit is result. I shall not employ any person in any manner so as to become sudject to the Vigness Compensation Laws of California.	CONTRACTOR  I hereby affirm that I art ficurated under proving the contract of the department as is in full force and erfect.  LEDNER - C57 - G95970 S	sions of Chapter 9 (commencing with nd Professions Code, and my license
(This section news not be completed if the permit is for one nunared dollars (\$1000 or less).  S carrily that in the performance of the work for which this partie is result. I shall not employ any person in any manner so as to become sudject to the vignaes. Compensation Laws of California.	CONTRACTOR  I hereby affirm that I art licensed under proving Section 7000 of Division 3 of the Business at its in full force and effect.	sions of Chapter 9 (commencing with nd Professions Code, and my license

DATE: 3/15

### CITY OF OAKLAND

# PERMIT TO EXCAVATE IN STREETS OR OTHER WORK AS SPECIFIED

PERMIT NUMBER × 95ccc37 PAGE 2 Address 208 Jackson PERMIT VOID 90 DAYS FROM CATE OF ISSUE UNLESS EXTENSION GRANTED I haveny affirm that I am enumed from the Contractor's Ucerae Law for the inshowing re-(See, 7031.5. Susmess and Provisions Cook; Any city or county which recurres a permit to construct, after, improve, centoners, or receiver any salucture, prior to it's insulance, also re-BY DIRECTOR OF PUBLIC WORKS none Cooks Any city of county which recovers a permit **Approximate Starting Date** CATE stant for such partnet to the a signed statement that he is licensed to are at the Contractor's License Law Chapter & Commencing with Sec. 7000. **Approximate Completion Care** DATE of Olympion 3 of the Suprious and Professions Code, or that he is assemble therein is for the alleges elements. Any violation of Section 7021.5 by any applica HOLIDAY RESTRICTION of subjects the applicant to 4 cost panelty of not more than SSCR. YES\_ NO II NOV - 1 JANS 🗓 L as commer of the property, or my employ LIMITED OPERATION AREA mill do the work, and the structure is not manded or orland for sale Cac, 70044, See (7AM - 3AM/4PM - 6PM) one Code: The Connector's Literate Law does not apply as an owner of protes or improves thereon, and who does such work harbest or through his or DATE STREET LAST RESURFACED e builds of improves thereof, and who does such work her DATE . ons, provided that such emplo unes are not intended of ortares for 2004. IL hos SPECIAL PAVING DETAIL RECURRED YES. made the amende the building of wholesement is sout within one year of come e the Durdon of proving that he did not build or insulve for the purpose of S 24-HOUR EMERGENCY PHONE NUMBER
PERMIT NOT VALID WITHOUT 24 HOUR NUMBER. by ( $\beta$  ) are intereveng my principal piece of readence or assurance thereig. ( $\Delta$  the well and the performed prior is used, ( $\Delta$  ) have readed in the readence for the 12 months prior Telephonesis acceptory-eight (48 HOURS BEFORE ACTUAL CONSTRUCTION. nest of the work, and (4) I have not claumed assumption in this aud is two structures more than ence during any three-year period. See, 7044, Bear mana Coose L as denier of the property are exclusively consisting with figuress contractors to con-struct the project Cles, 7044, Business and Professions Costs The Contractor's License Lies ATTENTION does not apply to an owner of property was quites of interpret thempes, and who committe for teach provides with 4 committees flowered pursuant to the Committee's License Limit State him requires that constructioning call Underground Service Alert two working days before excurring to have becoming understand traffics located. This permit is not valid uneas applicant has secured as inquiry identification number travel by I am exercit under Sec. SEED by this married Cad Tall Franc 8004453444 USA 10 Number\_ I havely attirm that I have a cartificate of conant to self-invers, or a certificate of West مندو آله ۱۳ الاستواليو (بد and of Chapter & Artists 2 of the College Mar insurance or a certified copy thereof See 2000, Las CL This paymet is gained upon the esseus aprolition that the parmetee shall be neighboused at course and liabellous around out of work partitioned unique the parmet of around out of the neithests broken to partition the designation with respect to series retemphation. The parmet shall, and by accompanying or the designation with respect to series retemphation. The parmet shall, and by accompanying to the first paymen against the designation of surface for according to the configuration of the course of t Cartified CODY IS NAMEDY NATIONAL parts priving to billions the conduction of 14 the constitucion of the work of the transfer constitucion of the work of the transfer and the state of the transfer or the transfer and the state of the transfer or TY 24 the permit of an open in street memorian CONTRACTOR I hereov attens that I am Acaresis under provisions of Chapter 9 (commercing with I certain that at the certainmence of the work for which the or ection 7003 of Civision 3 of the Business and Professions Code, and my license y person in any manner so as to decome sudject to the Workers. Combensation Usis in full force and effect, USDRI 657-695970 TT RESILE NOTICE TO APPLICANT II, after memory this Continues of Evering BAGGE TO ECA \_ <del>\_</del> C correct ect to the Womers Comparisation provisions of the Lagor Code, you must for of such depresents or the permit shad be ope DIRECTOR OF PLANNING & BUILDING

APPROVED BY:	Thomas m. Oosl
DATE:	3/15/95



APPLICANTS

GNATURE

# **ZONE 7 WATER AGENCY**

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588

VOICE (510) 484-2600 FAX (510) 462-3914

# DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE	FOR OFFICE USE
CATION OF PROJECT 208 Jackson Street  OAKland, CA 94607 (behind projecty  AT 2nd Street And Madison Street)  (See ATTACHED MAD)	PERMIT NUMBER 95093  LOCATION NUMBER
me Wo Lee Food Company dispess 208 Jackson Street Phone 510-444-7083 V OAKland CA Zp 94607	PERMIT CONDITIONS  Circled Permit Requirements Apply
PPLICANT  Tame ACC Environmental Consultants  David DelMent - Praject Manager  Odress ICOO Arlantic Ave. Phone 510-522-8188  Ity Alameda CA Zip 94501  PE OF PROJECT  Vall Construction Geotechnical Investigation  Cathodic Protection General Contamination  Water Supply Contamination  Monitoring Well Destruction  OPOSED WATER SUPPLY WELL USE  Omestic Industrial Other  Unicipal Irrigation  RILLING METHOD:  Und Rotary Air Rotary Auger  Die Other Preumatic  RILLER'S LICENSE NO. C57 - 695970 (ECA)  ELL PROJECTS  Drill Hole Diameter in. Maximum  Casing Diameter in. Depth ft.  Surface Seal Depth ft. Number	<ol> <li>A. GENERAL         <ol> <li>A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.</li> <li>Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well Projects, or drilling logs and location sketch for geotechnical projects.</li> <li>Permit is void if project not begun within 90 days of approval date.</li> </ol> </li> <li>WATER WELLS, INCLUDING PIEZOMETERS         <ol> <li>Minimum surface seal thickness is two inches of cement grout placed by tremie.</li> <li>Minimum seal depth is 50 feet for municipal and industrial well or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.</li> <li>GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.</li> <li>CATHODIC. Fill hole above anode zone with concrete placed by tremie.</li> <li>WELL DESTRUCTION. See attached.</li> </ol> </li> </ol>
REOTECHNICAL PROJECTS  Number of Borings 19 Hole Diameter , 10 in. Deoth 20 ft.  STIMATED STARTING DATE Feb 27, 1995	
bereby agree to comply with all requirements of this permit and Alameda ounty Ordinance No. 73-68.	Approved Miman Holy Date21 Feb 9 Wyman Hong

white -env.health yellow -facility pink -files

# RLAMEDA COUNTY, DEPARTMENT OF ENUIRONMENTAL HEALTH

1131 Harbor Bay Pkwy Alameda CA 94502 510/567-6700

Hazardous Materials Inspection Form	II
Site ID # Site Name Wo loc Food Co Today's Date 3/21/95	
Site Address 208 Jackson St.	
note to	
City [MC Cha Zip 94/C Phone	
Inspection Categories:	<del></del>
I. Haz. Mat/Waste GENERATOR/TRANSPORTER	
II. Hazar dous Materials Business Plan, Acutely Hazar dous Materials  III. Under ground Storage Tanks	
* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)	<del></del>
:00 arrived on site:	
save tement of ACC is onsite: We counted 3 vent	<u> </u>
Times + 3 dispenser pads, which we attribute to	
Janks 2+4, + either Tarik 1 or 3. Of looks like the	<u>ver</u>
enoved: It & they were mobile Orgated adjacent	<u>uos</u> - Yr
he shed on the corner, judging latine 1) the sustline of	<del></del>
runt on shed, + 2) the (prottial) concrete footing below	4/cc
shed, exactly below the next line, + 3) the next diation &	eviq
bush next to the shed. There are 2 (maybe more)	
0:05 lef pite	
	111
Contact Dee Delt  Title Sen, Proce Geolog157 Inspector Marker Elder	,* III
	~
Signature David DeMent Signature	*****

# APPENDIX B

ANALYTICAL RESULTS
AND
CHAIN OF CUSTODY FORMS



Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834 (415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants
1000 Atlantic Ave., #110

1000 Atlantic Ave., #110 Alameda, CA 94501 Attention: Dave DeMent Client Project ID: Sample Matrix: Wo Lee Food Company, Oakland

Soil

Analysis Method: EPA 5030/8015/8020 First Sample #: 503-1075 Sampled: Received: Mar 21, 1995 Mar 22, 1995

Reported: Apr

Apr 6, 1995

# TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 503-1075 SB1- 4.0	Sample I.D. 503-1077 SB2- 4.0	Sample I.D. 503-1079 SB3- 4.0	Sample I.D. 503-1081 SB4- 4.0	Sample I.D. 503-1083 SB5- 4.0	Sample I.D. 503-1085 SB6- 4.0
Purgeable Hydrocarbons	1.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Benzene	0.0050	N.D.	N.D.	N.D. /	N.D. /	N.D	N.D. 🧨
Toluene	0.0050	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethyl Benzene	0.0050	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total Xylenes	0.0050	N.D.	N.D.	0.013	0.014	0.019	0.013
Chromatogram Pa	ttern:				••		
Quality Control D	ata		-				
Report Limit Multip	dication Factor:	1.0	1.0	1.0	1.0	1.0	1.0
Date Analyzed:		4/4/95	4/4/95	4/4/95	4/4/95	4/4/95	4/4/95
Instrument Identific	cation:	HP-2	HP-2	HP-2	HP-4	HP-4	HP-4
Surrogate Recover	ry, %:	108	108	99	93	95	99

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

(QC Limits = 70-130%)

Alan B. Kemp Project Manager

5031075 ACE <1>



Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834 (415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants

1000 Atlantic Ave., #110 Alameda, CA 94501
Attention: Dave DeMent

Client Project ID: Wo Lee Food Company, Oakland

Sample Matrix: Soil

Analysis Method: EPA 5030/8015/8020

First Sample #: 503-1087

Sampled: Received:

Mar 21, 1995 Mar 22, 1995

Received: Mar 22, 1995 Reported: Apr 6, 1995

# TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 503-1087 SB7- 4.0	Sample I.D. 503-1089 SB8- 4.0	Sample I.D. 503-1091 SB9- 3.5	Sample I.D. 503-1093 SB10- 3.5
Purgeable Hydrocarbons	1.0	1.7 /	2.9	N.D. <sub>(</sub>	2,300 <
Benzene	0.0050	0.040	0.026 /	N.D.	5.3
Toluene	0.0050	0.011	0.012	N.D.	26
Ethyl Benzene	0.0050	0.0074	0.030	N.D.	<u>·</u> 40
Total Xylenes	0.0050	0.029	0.091	N.D.	200
Chromatogram Pat	tern:	Gasoline	Gasoline	••	Gasoline

### Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	500
Date Analyzed:	4/4/95	4/4/95	4/4/95	4/4/95
Instrument Identification:	HP-5	HP-5	HP-2	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	75	77	116	92

Purgeable Hydrocarbons are quantitated against a fresh gascline standard.

Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp Project Manager

5031075.ACE <2>



Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834

(415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants 1000 Atlantic Ave., #110 Nameda, CA 94501 Attention: Dave DeMent

Client Project ID: Sample Matrix:

Wo Lee Food Company, Oakland Soil

EPA 5030/8015/8020 Analysis Method:

Sampled:

Mar 22, 1995 Mar 22, 1995

First Sample #: 503-1063 Received: Reported: Apr 5, 1995

### TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

<del></del>							
Analyte	Reporting Limit mg/kg	Sample I.D. 503-1063 SB 11-3.5	Sample I.D. 503-1065 SB 12-3.5	Sample I.D. 503-1067 SB 13-3.5	Sample I.D. 503-1069 SB 14-3.5	Sample I.D. 503-1071 SB 15-3.5	Sample I.D. 503-1073 SB 16-3.5
Purgeable Hydrocarbons	1.0	N.D. √	22 /	2700 /	4.2 /	710 /	270 /
Benzene	0.0050	N.D.	0.023 /	1.9	N.D.	1.5	2.2
Toluene	0.0050	N.D.	0.43	3.9	0.044	0.40	25
Ethyl Benzene	0.0050	N.D.	0.21	34	0.024	1.3	9.6
Total Xylenes	0.0050	N.D.	3.6	210	0.25	7.6	59
Chromatogram Pa	ttern:		Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
Quality Control D	ata		3				
Report Limit Multip	lication Factor:	1.0	1.0	250	1.0	100	25
Date Analyzed:		4/4/95	4/4/95	4/5/95	4/4/95	4/5/95	4/4/95
Instrument identific	cation;	HP-2	HP-2	HP-2	HP-2	HP-2	HP-2
Surrogate Recover		106	155	114	112	111	133

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard. Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Alah#8. Kemp Project Manager



Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834

(415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants 1000 Atlantic Ave., #110 Jameda, CA 94501

Client Project ID: Sample Matrix:

Wo Lee Food Company, Oakland Soil

Sampled: Received:

Mar 21, 1995 Mar 22, 1995

Attention: Dave DeMent

Analysis Method:

EPA 3550/8015

Reported:

Apr 6, 1995

First Sample #:

503-1075

### TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit mg/kg	Sample I.D. 503-1075 SB1- 4.0	Sample I.D. 503-1077 SB2- 4.0	Sample I.D. 503-1079 SB3- 4.0	Sample I.D. 503-1081 SB4- 4.0	Sample I.D. 503-1083 SB5-4.0	Sample I.D. 503-1085 SB6- 4.0
Extractable Hydrocarbons	1.0	1.3 /	5.4 /	N.D.	N.D.	N.D.	N.D.
Chromatogram Pa	ittern:	Unidentified Hydrocarbons >C20		••	••	••	

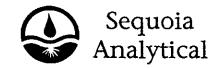
**Quality Control Data** 

	<del>-</del>						- 1
Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0	1.0	
Date Extracted:	3/28/95	3/28/95	3/28/95	3/28/95	3/28/95	3/28/95	
Date Analyzed:	3/29/95	3/29/95	3/29/95	3/29/95	3/29/95	3/29/95	
instrument Identification:	НР-ЗА	НР-ЗА	НР-ЗА	НР-ЗА	HP-3A	HP-3A	

Extractable Hydrocarbons are quantitated against a fresh diesel standard. Analytes reported as N.D. were not detected above the stated reporting limit.

EQUOIA ANALYTICAL, #1271

Alar B. Kemp Project Manager



Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834

(415) 364-9600 (510) 988-9600 (916) 921-9600

FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

**ACC Environmental Consultants** 1000 Atlantic Ave., #110

lameda, CA 94501 Attention: Dave DeMent Client Project ID: Sample Matrix:

Wo Lee Food Company, Oakland

Soil

EPA 3550/8015 Analysis Method: First Sample #: 503-1087

Sampled: Received: Mar 21, 1995 Mar 22, 1995

Reported: Apr 6, 1995

## TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Anaiyte	Reporting Limit mg/kg	Sample I.D. 503-1087 SB7- 4.0	Sample I.D. 503-1089 SB8-4.0	Sample I.D. 503-1091 SB9- 3.5	Sample I.D. 503-1093 SB10-3.5	 
Extractable Hydrocarbons	1.0	N.D. /	94	N.D	71	
Chromatogram Pa	ttern:		Unidentified Hydrocarbons >C20		Unidentified Hydrocarbons >C20	

Quality Control Data

Report Limit Multiplication Factor: 1.0 5.0 1.0 1.0 Date Extracted: 3/28/95 3/28/95 3/28/95 3/28/95 Date Analyzed: 3/29/95 3/29/95 3/29/95 3/29/95 Instrument Identification: HP-3A HP-3A HP-3A HP-3A

Extractable Hydrocarbons are quantitated against a fresh diesel standard. Analytes reported as N.D. were not detected above the stated reporting limit.

ȘEQUOIA ANALYTICAL, #1271

Alan-B. Kemp Project Manager



Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834

(415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants 000 Atlantic Ave., #110 lameda, CA 94501

Client Project ID:

Wo Lee Food Company, Oakland Soil

Sampled:

Mar 22, 1995 Mar 22, 1995

Attention: Dave DeMent

Sample Matrix: Analysis Method: First Sample #:

EPA 3550/8015

Received: Reported:

Apr 5, 1995

503-1063

### TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit mg/kg	Sample I.D. 503-1063 SB 11-3.5	Sample I.D. 503-1065 SB 12-3.5	I.D. 503-1067 SB 13-3.5	I.D. 503-1069 S8 14-3.5	Sample I.D. 503-1071 SB 15-3.5	Sample I.D. 503-1073 SB 16-3.5
Extractable Hydrocarbons	1.0	1.4 /	1,100	66	N.D. <	5.6	1,200 /
Chromatogram Pa	attern:	Unidentified Hydrocarbons <c15< td=""><td>Diesel and Unidentified Hydrocarbons <c15< td=""><td>Unidentified Hydrocarbons <c15< td=""><td></td><td>Unidentified Hydrocarbons <c15< td=""><td>Diesel and Unidentified Hydrocarbons <c15< td=""></c15<></td></c15<></td></c15<></td></c15<></td></c15<>	Diesel and Unidentified Hydrocarbons <c15< td=""><td>Unidentified Hydrocarbons <c15< td=""><td></td><td>Unidentified Hydrocarbons <c15< td=""><td>Diesel and Unidentified Hydrocarbons <c15< td=""></c15<></td></c15<></td></c15<></td></c15<>	Unidentified Hydrocarbons <c15< td=""><td></td><td>Unidentified Hydrocarbons <c15< td=""><td>Diesel and Unidentified Hydrocarbons <c15< td=""></c15<></td></c15<></td></c15<>		Unidentified Hydrocarbons <c15< td=""><td>Diesel and Unidentified Hydrocarbons <c15< td=""></c15<></td></c15<>	Diesel and Unidentified Hydrocarbons <c15< td=""></c15<>

Quality Control Data

Report Limit Multiplication Factor:	1.0	10	5.0	1.0	1.0	10
Date Extracted:	3/28/95	3/28/95	3/28/95	3/28/95	3/28/95	3/28/95
Date Analyzed:	3/29/95	3/29/95	3/29/95	3/29/95	3/29/95	3/29/95
Instrument Identification:	НР-ЗА	HP-3A	НР-ЗА	HP-3A	HP-3A	HP-3A

Extractable Hydrocarbons are quantitated against a fresh diesel standard Analytes reported as N.D. were not detected above the stated reporting limit

ȘEQUOIA ANALYTICAL, #1271

Alan B. Kemp Project Manager

5031063 ACE <2>



Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834

(415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants 1000 Atlantic Ave., #110 Nameda, CA 94501 Attention: Dave DeMent

Client Project ID: Sample Matrix:

Wo Lee Food Company, Oakland

Water

Analysis Method: EPA 5030/8015/8020 First Sample #: 503-1076

Sampled: Received:

Mar 21, 1995 Mar 22, 1995

Reported:

Apr 6, 1995.

### TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.
<b>-</b>	μg/L	503-1076 W1	503-1078 W2	503-1080 W3	503-1082 W4	503-1084 W5	503-1086 W6
Purgeable Hydrocarbons	50	N.D.	53 /	N.D.	N.D.	N.D.	N.D.
Benzene	0.50	N.D.	0.56	N.D. /	N.D.	N.D.	N.D.
Toluene	0.50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total Xylenes	0.50	N.D.	1.4	N.D.	N.D.	N.D.	N.D.
Chromatogram Pa	ittern:		Gasoline	••	•		
Quality Control D	ata						·
Report Limit Multip	dication Factor:	1.0	1.0	1.0	1.0	1.0	1.0
Date Analyzed:		4/2/95	4/2/95	4/2/95	4/2/95	4/2/95	4/2/95
Instrument Identification:		HP-5	HP-5	HP-2	HP-2	HP-2	HP-2
Surrogate Recove (QC Limits = 70-1		85	84	107	104	102	102

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard. Analytes reported as N D, were not detected above the stated reporting limit.

EQUOIA ANALYTICAL, #1271

Alan B. Kemp Project Manager

5031075 ACE <5>



680 Chesapeake Drive 404 N. Wiget Lane 819 Striker Avenue, Suite 8 Sacramento, CA 95834

Redwood City, CA 94063 Walnut Creek, CA 94598

(415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants 1000 Atlantic Ave., #110

Sample Matrix: lameda, CA 94501 Analysis Method: ttention: Dave DeMent

Wo Lee Food Company, Oakland

Water

EPA 5030/8015/8020

First Sample #: 503-1088

Client Project ID:

Sampled: Received:

Mar 21, 1995 Mar 22, 1995

Reported: Apr 6, 1995

### TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

	Analyte	Reporting Limit µg/L	Sample I.D. 503-1088 W7	Sample I.D. 503-1090 W8	Sample I.D. 503-1092 W9	Sample I.D. 503-1094 W10		
	Purgeable Hydrocarbons	50	N.D.	N.D.	78 /	140,000 /		
=	Benzene	0.50	1.0	N.D.	2.1	2,100		
	Toluene	0.50	0.52	N.Đ.	N.D.	7,700		
	Ethyl Benzene	0.50	N.D.	N.D.	N.D.	4,600	•	
	Total Xylenes	0.50	1.2	N.D.	5.3	27,000		
	Chromatogram Patt	ern:			Gasoline	Gasoline		

### Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	2,000
Date Analyzed:	4/2/95	4/2/95	4/2/95	4/4/95
Instrument Identification:	HP-2	HP-2	HP-2	HP-5
Surrogate Recovery, %: (QC Limits = 70-130%)	105	108	118	85

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard. Analytes reported as N.D. were not detected above the stated reporting limit.

EQUOIA ANALYTICAL, #1271

B. Kemp Project Manager



680 Chesapeake Drive 404 N. Wiget Lane 819 Striker Avenue, Suite 8 Sacramento, CA 95834

Redwood City, CA 94063 Walnut Creek, CA 94598

(415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants 000 Atlantic Ave., #110

Client Project ID:

Wo Lee Food Company, Oakland Water

Sampled: Received: Mar 22, 1995 Mar 22, 1995

lameda, CA 94501 Attention: Dave DeMent Sample Matrix: Analysis Method:

EPA 5030/8015/8020

Reported:

Apr 5, 1995

First Sample #:

503-1064

# TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit μg/L	Sample I.D. 503-1064 W11	Sample I.D. 503-1066 W12	Sample I.D. 503-1068 W13	Sample I.D. 503-1070 W14	Sample I.D. 503-1072 W15	Sample I.D. 503-1074 W16
Purgeable Hydrocarbons	50	46,000 /	330,000 /	150,000	< 200,000 ×	72,000 /	200,000
Benzene	0.50	55	1,200	1,100 /	2,700	2,300	22,000
Toluene	0.50	36	27,000	5,500	61,000	3,600	69,000
Ethyl Benzene	0.50	570	9,700	6,200	5,900	5,200	6,300
Total Xylenes	0.50	3,500	61,000	37,000	37,000	27,000	39,000
Chromatogram Pa	ittern:	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
•							

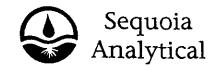
Quality Control Data

Report Limit Multiplication Factor:	200	2,000	2,000	2,000	200	2,000
Date Analyzed:	3/29/95	3/29/95	3/29/95	3/29/95	3/29/95	3/31/95
Instrument Identification:	HP-5	HP-5	HP-5 ·	HP-4	HP-4	HP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	79	70	80	90	91	118

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard. Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Project Manager



Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834

(415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants 1000 Atlantic Ave., #110 Nameda, CA 94501 Client Project ID: Sample Matrix: Wo Lee Food Company, Oakland Water

Sampled: Received: Mar 21, 1995 Mar 22, 1995

Alameda, CA 94501 Attention: Dave DeMent Analysis Method: First Sample #:

EPA 3510/8015 503-1076 Reported:

Apr 6, 1995

### TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit μg/L	Sample I.D. 503-1076 W1	Sample I.D. 503-1078 W2	Sample I.D. 503-1080 W3	Sample I.D. 503-1082 W4	Sample I.D. 503-1084 W5	Sample I.D. 503-1086 W6
Extractable Hydrocarbons	50	N.D.	170 🧹	140 ,	N.D:	170	160
Chromatogram Pa	ttern:	••	Discrete Peak and Unidentified Hydrocarbons C10 - C24	Discrete Peak and Unidentified Hydrocarbons C10 - C24		Discrete Peak and Unidentified Hydrocarbons C10 - C24	Discrete Peak and Unidentified Hydrocarbons C10 - C24

**Quality Control Data** 

Report Limit Multiplication Factor:	3.0	2.0	2.0	3.0	1.7	1.5
Date Extracted:	3/28/95	3/28/95	3/28/95	3/28/95	3/28/95	3/28/95
Date Analyzed:	3/29/95	3/29/95	3/29/95	3/29/95	3/29/95	3/29/95
Instrument Identification:	НР-ЗА	НР-ЗА	НР-ЗА	HP-3A	НР-ЗА	НР-ЗА

Extractable Hydrocarbons are quantitated against a fresh diesel standard. Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Alah B Kemp Project Manager



680 Chesapeake Drive 404 N. Wiget Lane 819 Striker Avenue, Suite 8 Sacramento, CA 95834

Redwood City, CA 94063 Walnut Creek, CA 94598 (415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

**ACC Environmental Consultants** 1000 Atlantic Ave., #110 lameda, CA 94501

Client Project ID: Sample Matrix:

Wo Lee Food Company, Oakland Water

Sampled: Received: Mar 21, 1995 Mar 22, 1995

ttention: Dave DeMent

Analysis Method: First Sample #:

EPA 3510/8015 503-1088

Reported:

Apr 6, 1995

### TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Heporting Limit μg/L	Sample I.D. 503-1088 W7	I.D. 503-1090 W8		
Extractable Hydrocarbons	50	N.D.	320		
Chromatogram Pa	ttern:		Unidentified Hydrocarbons < C15 & > C20		

### **Quality Control Data**

Report Limit Multiplication Factor: 1.9 1.3 Date Extracted: 3/28/95 3/28/95 Date Analyzed: 3/29/95 3/29/95 НР-ЗА Instrument Identification: HP-3A

Extractable Hydrocarbons are quantitated against a fresh diesel standard. Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

an B. Kemp Project Manager



Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834

(415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants 1000 Atlantic Ave., #110 Alameda, CA 94501

Client Project ID:

Wo Lee Food Company, Oakland Water Sampled: Received:

Mar 22, 1995 Mar 22, 1995

Attention: Dave DeMent

Sample Matrix: Analysis Method: First Sample #:

EPA 3510/8015 503-1064 Reported:

Apr 5, 1995

### TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit μg/L	Sample I.D. 503-1064 W11	Sample I.D. 503-1066 W12	Sample I.D. 503-1068 W13	Sample I.D. 503-1070 W14	Sample I.D. 503-1072 W15	Sample I.D. 503-1074 W16
Extractable Hydrocarbons	50	33,000 /	100,000	38,000	84,000	5,500	6,200
Chromatogram Pa	uttern:	Unidentified Hydrocarbons <c15 &="">C20</c15>					

**Quality Control Data** 

Report Limit Multiplication Factor:	15	29	18	23	2.2	2.1
Date Extracted:	3/28/95	3/28/95	3/28/95	3/28/95	3/28/95	3/28/95
Date Analyzed:	3/29/95	3/29/95	3/29/95	3/29/95	3/29/95	3/29/95
Instrument Identification:	НР-ЗА	НР-ЗА	НР-ЗА	НР-ЗА	НР-ЗА	НР-ЗА

Extractable Hydrocarbons are quantitated against a fresh diesel standard. Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp Project Manager



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ACC Environmental Consultants 000 Atlantic Ave., #110

Jameda, CA 94501 Attention: Dave DeMent

Wo Lee Food Company, Oakland Client Project ID:

Matrix: Solid

QC Sample Group: 5031075-93

Reported:

Apr 6, 1995

### QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl	Xylenes	Diesei	
			Benzene			
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015 M	
Analyst:	A. Tuzon	A. Tuzon	A. Tuzon	A. Tuzon	J. Dinsay	
MS/MSD						
Batch#:	5031063	5031063	5031063	5031063	•	
Date Prepared:	4/4/95	4/4/95	4/4/95	4/4/95	•	
Date Analyzed:	4/4/95	4/4/95	4/4/95	4/4/95	-	
strument I.D.#:	HP-2	HP-2	HP-2	HP-2	-	
Conc. Spiked:	0.40 mg/kg	0.40 mg/kg	0.40 mg/kg	1.2 mg/kg	-	
Matrix Spike						
% Recovery:	113	115	120	121	-	
Matrix Spike						
Duplicate %						
Recovery:	113	113	120	119	•	
Relative %						
Difference:	0.0	1.8	0.0	1.7	•	

LCS Batch#:	1LCS040495	1LCS040495	1LCS040495	1LCS040495	BLK032895	-	÷
Date Prepared:	4/4/95	4/4/95	4/4/95	4/4/95	3/28/95		
Date Analyzed:	4/4/95	4/4/95	4/4/95	4/4/95	3/29/95		
nstrument I.D.#:	HP-2	HP-2	HP-2	HP-2	HP-3A		
LCS % Recovery:	116	118	126	126	62		
% Recovery Control Limits:	55-145	47-149	47-155	56-140	38-122		

EQUOIA ANALYTICAL, #1271

Afan B. Kemb Project Manager

Please Note:

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch

5031075 ACE <9>



680 Chesapeake Drive 404 N. Wiget Lane 819 Striker Avenue, Suite 8

Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834 (415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants
1000 Atlantic Ave., #110

1000 Atlantic Ave., #110 Nameda, CA 94501

Attention: Dave DeMent

Client Project ID: Wo Lee Food Company, Oakland

Matrix: Liquid

QC Sample Group: 5031076-94

Reported:

Apr 6, 1995

#### **QUALITY CONTROL DATA REPORT**

ANALYTE	Benzene	Toluene	Ethyl	Xylenes	Diesel	
			Benzene			
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015 M	
Analyst:	A, Tuzon	A. Tuzon	A, Tuzon	A. Tuzon	J. Dinsay	
MS/MSD						
Batch#:	5031323	5031323	5031323	5031323	BLK032895	
Date Prepared:	4/4/95	4/4/95	4/4/95	4/4/95	3/28/95	
Date Analyzed:	4/4/95	4/4/95	4/4/95	4/4/95	3/29/95	
strument I.D.#:	HP-5	HP-5	HP-5	HP-5	HP-3A	
Conc. Spiked:	20 μg/L	20 μg/L	20 μg/L	60 μg/L	300 μg/L	
Matrix Spike						-
% Recovery:	85	90	90	90	48	
Matrix Spike						
Duplicate %						
Recovery:	95	100	100	100	47	
-						
Relative %						
Difference:	11	11	11	11	2.1	

3LCS040495	3LCS040495	3LCS040495	3LCS040495	BLK032895		
4/4/95	4/4/95	4/4/95	4/4/95	3/28/95		
4/4/95	4/4/95	4/4/95	4/4/95	3/29/95		
HP-5	HP-5	HP-5	HP-5	HP-3A		
85	88	88	91	48		
71-133	72-128	72-130	71-120	28-122		
	4/4/95 4/4/95 HP-5	4/4/95 4/4/95 4/4/95 4/4/95 HP-5 HP-5	4/4/95 4/4/95 4/4/95 4/4/95 4/4/95 4/4/95 HP-5 HP-5 HP-5	4/4/95 4/4/95 4/4/95 4/4/95 4/4/95 4/4/95 4/4/95 4/4/95 HP-5 HP-5 HP-5 HP-5 85 88 88 91	4/4/95 4/4/95 4/4/95 3/28/95 4/4/95 4/4/95 4/4/95 3/29/95 HP-5 HP-5 HP-5 HP-3A 85 88 88 91 48	4/4/95 4/4/95 4/4/95 3/28/95 4/4/95 4/4/95 4/4/95 3/29/95 HP-5 HP-5 HP-5 HP-3A 85 88 88 91 48

SEQUOIA ANALYTICAL, #1271

Please Note:

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Alan B. Kemp Project Manager



680 Chesapeake Drive 404 N. Wiget Lane 819 Striker Avenue, Suite 8

Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834

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FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants 1000 Atlantic Ave., #110

Client Project ID: Matrix:

Wo Lee Food Company, Oakland

Solid

Alameda, CA 94501 Attention: Dave DeMent

QC Sample Group: 5031063-068

Reported:

Apr 6, 1995

### QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl	Xylenes	Diesel	
			Benzene			
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015 Mod	
Analyst:	A. Tuzon	A. Tuzon	A. Tuzon	A. Tuzon	J. Dinsay	
MS/MSD						
Batch#:	5031063	5031063	5031063	5031063	5031069	
Date Prepared:	4/4/95	4/4/95	4/4/95	4/4/95	3/28/95	
Date Analyzed:	4/4/95	4/4/95	4/4/95	4/4/95	3/29/95	
nstrument I.D.#:	HP-2	HP-2	HP-2	HP-2	HP-3A	
Conc. Spiked:	0.40 mg/kg	0.40 mg/kg	0.40 mg/kg	1.2 mg/kg	10 mg/kg	
Matrix Spike				-		
% Recovery:	113	115	120	121	**	
Matrix Spike						
Duplicate %						
Recovery:	113	113	120	119	**	
Relative %						
Difference:	0.0	1.8	0.0	1.7	••	

LCS Batch#:	1LCS040495	1LCS040495	1LCS040495	1LCS040495	BLK032895		-
Date Prepared:	4/4/95	4/4/95	4/4/95	4/4/95	3/28/95		
Date Analyzed:	4/4/95	4/4/95	4/4/95	4/4/95	3/29/95		
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2	HP-3A		
_ LCS %							
Recovery:	116	118	126	126	62		
% Recovery					<del></del> .	· · · · · · · · · · · · · · · · · · ·	
Control Limits:	55-145	47-149	47-155	56-140	38-122		

EQUOIA ANALYTICAL, #1271

Kemp Project Manager Please Note

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.



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Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834 (415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

ACC Environmental Consultants

1000 Atlantic Ave., #110

Client Project ID:

Wo Lee Food Company, Oakland

Matrix:

Liquid

Alameda, CA 94501 Attention: Dave DeMent

QC Sample Group: 5031063-068

Reported:

Apr 6, 1995

#### **QUALITY CONTROL DATA REPORT**

Benzene	Toluene	Ethyl	Xylenes	Diesel	
		Benzene	•		
EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015 Mod	
A. Tuzon	A, Tuzon	A. Tuzon	A. Tuzon	J. Dinsay	
					•
5030892	5030892	5030892	5030892	BLK032995	
3/29/95	3/29/95	3/29/95	3/29/95	3/28/95	
3/29/95	3/29/95	3/29/95	3/29/95	3/29/95	
HP-5	HP-5	HP-5	HP-5	HP-3A	
0.40 mg/kg	0.40 mg/kg	0.40 mg/kg	1.2 mg/kg	300 mg/kg	
	-				
80	80	80	83	62	
80	80	80	83	67	
0.0	0.0	0.0	0.0	70	
U.U	0.0	0.0	0.0	7.0	
	EPA 8020 A. Tuzon 5030892 3/29/95 3/29/95 HP-5 0.40 mg/kg	EPA 8020 A. Tuzon  5030892  5030892  3/29/95  3/29/95  3/29/95  HP-5  0.40 mg/kg  80  80  80  80	EPA 8020 EPA 8020 EPA 8020 A. Tuzon A. Tuzon A. Tuzon A. Tuzon 5030892 5030892 5030892 5030892 3/29/95 3/29/95 3/29/95 3/29/95 3/29/95 HP-5 HP-5 HP-5 HP-5 0.40 mg/kg 0.40 mg/kg 0.40 mg/kg 80 80 80 80	EPA 8020 EPA 8020 EPA 8020 EPA 8020 A. Tuzon A. Tuzon A. Tuzon A. Tuzon  5030892 5030892 5030892 5030892  3/29/95 3/29/95 3/29/95 3/29/95 3/29/95 3/29/95 3/29/95 3/29/95 HP-5 HP-5 HP-5 HP-5 HP-5 0.40 mg/kg 0.40 mg/kg 0.40 mg/kg 1.2 mg/kg  80 80 80 83	EPA 8020 EPA 8020 EPA 8020 EPA 8015 Mod A. Tuzon A. Tuzon A. Tuzon A. Tuzon J. Dinsay  5030892 5030892 5030892 5030892 BLK032995  3/29/95 3/29/95 3/29/95 3/29/95 3/29/95 3/29/95  HP-5 HP-5 HP-5 HP-5 HP-5 HP-3A  0.40 mg/kg 0.40 mg/kg 1.2 mg/kg 300 mg/kg  80 80 80 83 62

LCS Batch#:	3LCS032995	3LCS032995	3LCS032995	3LCS032995	BLK032895	-	-		
Date Prepared:	3/29/95	3/29/95	3/29/95	3/29/95	3/28/95				
Date Analyzed:	3/29/95	3/29/95	3/29/95	3/29/95	3/29/95				
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5	HP-3A				
LCS % Recovery:	90	89	87	89	62			-	
% Recovery Control Limits:	55-145	47-149	47-155	56-140	38-122				

SEQUOIA ANALYTICAL, #1271

Alam B. Kemp Project Manager Please Note.

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

	CECTION A ANAIVIICA	
	SEQUOIA ANALYTICAL CHAIN OF CUSTODY	
V	CHAIN OF CUSIODY	

650 Shesapsake Daniel Red Red Cipped A 94	FAX: 5) 36 1233
819 West Striker Ave. • Sacramento, CA 95834 • (916) 921-9600	FAX (916) 921-0100
1900 Bates Ave., Suite LM • Concord, CA 94520 • (510) 686-9600	

			:				<u></u>						٦
Company Name: Ac	C Enviro	nmans	n	Cons.1	rants	Project N	Name: L	vo Lee	Food	Lo	mpany,	, OAKLAND	4
	ATLANTIC F	_				Billing A	ddress ( if	different):					$\dashv$
City: Alamada	State:	_		Zip Code:	94501					<u></u>			4
Telephone: (570)	522-8188		FAX #:	865-5	5731	P.O. #:	95-	6238	1.0				
Report To: Dave	Dethert	Sampler	: DA	e Del	nent	QC Data	: 🙇 Level	A (Standard	d) 🔲 Lev	el B	Level C	Level D	┙
Turnaround 🔀 10 Wo						rinking W				_	quested	<del>, , , , , , , , , , , , , , , , , , , </del>	
Time: 0 7 Wor	rking Days 🔲	2 Working 24 Hours				aste Wa ther	1.00		//				_
Client Sample I.D.	Date/Tim <b>e</b> Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	N	10 / N/10/					Comments	_
1.5B1-4.0	3/21/95 9:30	Soil	1	Jico-	503107	$5 \times$	$X_{\perp}$					Samples	_
2 W1-	9:00	WATER	3	VOM!	5031070							Appen	
3 WI	9:00	Waren		Auben	A		X			ļ		very der	<u>.                                    </u>
4. SB2-4.0	10:15	Sil	1	METAL Sleeve	503107	7 🔀	X					(10 0ku)	Ц.
5. WZ	10:30	WATER	3	YOM!	5031078								
6 WZ	10:30	WATER	1	Amben	<b>Д</b>	D	$ X _{-}$	<u> </u>					
7. SB3 -4.0	10:30	Soil	1	Sleme	503107	<u>ė</u>	X						
8. W3	11:00	WATE	3	YUA VOA	503108			_		_	<u> </u>		
9. W3	11:00	WATER		Amber	Į-	YD .	X, _						_
10. SB4 - 4.0	10:45	Soil	1	sleene	502108	1 🔀	XI_				<u></u>		
Relinquished By:	DID	4	Date	sis 22 %	Time: 4 2	Rec	eived By:	1.00	6. 3.	, D	ate:302	Time: : 4 ·	
Relinquished By:	(Vorliet	$\bigcirc$	Date	9: 3-22 <b>-</b> 95	Time:5:40	) Rec	eived By:	X		-	ate:	Time:	
Relinquished By			Date	e:	Time:	Rec	elted by c	ab: Chec	LULLL.		ate!	Time: 1740	



-	600 Chesapeane Dive Redwood Cily CA	94	FAX:::5) 38:::33
	819 West Striker Ave. • Sacramento, CA	95834 • (916) 921-9600	FAX (916) 921-0100
X	1900 Bates Ave., Suite LM • Concord, CA	94520 • (510) 686-9600	FAX (510) 686-9689

Company Name: ACC E	nuron men	Tal Consu	trants PI	Project Name: Wo Lee Fool Company, Oakland
	one Aven		Bi	Billing Address ( if different):
City: Alameda	State: C4	Zip Code:	94501	
Telephone: (570) 522	-8188 F	AX #:   865 -		P.O.#: 95-6238-1.0
Report To: Dave Dethe	Sampler:	Dave De	Ment a	QC Data: Level A (Standard) Level B Level C Level D
Turnaround ¼ 10 Working Day Time: ☐ 7 Working Day ☐ 5 Working Day	s 🔲 2 Working			Orinking Water Vaste Water Other S # Comments
Client Date/ Sample I D Samp	1 1	# of Cont. Cont. Type	Sequoia's Sample #	Comments
	5 11:15 WATE	3 40 ml	5031082	
2. W4	11:15 WATER	1. Amber	AD	D X Mylene
3. SB 5-4.0	11:00 50:11	ment sleeve	5031083	
4. W5	11:45 WATEN	3 40 ml	5031084	4 X Acodin
5. WS	11:45 WATER	1 Amber	AD	
6 SB6-4.0	13:45 Soil	1 Slave	5031085	25 🗴 🗡
7. Wb	14:00 WATER	3 40 ml	5031086	
8. W6	14:00 WATER		AD	
g. SB7-4.0	14:00 Sal	1 Sleene	5031087	87 X X X X X X X X X X X X X X X X X X X
10. W7	14:15 haven	3 40 ml	5031088	88
Relinquished By:	Dalt	Date: 🚉 🧇 🧍	Time: 1/ >1	Received By: Art Charles Date: Time: Time:
Relinquished By: (Can l	Di Q	Date: 3->22-45	۲ime: ≲۰۹۵	Received By: Date: Time:
Relinquished By:		Date:	Time:	Received By Lab: Cremite Date: 1740

	OF CU				819 West S	triker Av	e. • Sa	acram	ento, (	CA 95	834 •	(916)	921-96	00 F	AX (916) 921-01 AX (510) 686-96	00
Company Name. Ac	CC Envire	n ma	ומזיו	Consu							wol.	s C	onga	<u>~~</u>	, Daklan	,Q
Address: 1000 A	TLANTIC 1	Aven.				Billing Ad	ddress	( it di	iterent	) .	<del></del>					_
City Alameda	State:	CA	<del></del>	Zip Code:										<del></del>		;
Telephone: (570)	522-818	8	FAX #:	865-		P.O. #:		-				<del> </del>				
Report To: Dave	Dehent	Sampler	: Da	ne Del	nent	QC Data	: X L	evel A	(Stand	ard) [	Leve	IB	□ Le	evel C	☐ Level D	
Turnaround 💆 10 Wo	rking Days 🔲 3		Days		ours 🔲 Dr	inking W	ater er				Analys	ses Re	queste	d /		
Client Sample I D.	Date/Tim <b>e</b> Sample <b>d</b>	Matrix Desc.	# of Cont.	Cont. Type	Sequola's Sample #	/3	XXX		$\angle$	_	_	$\angle$	_	_	Commen	ts
1 W7	3/21/95 14:15	WATER	1	Anba Liter			$\searrow$									
2 5B 8 - 4.0	14:15	5011			5031089		X								Saugher	
3. W8	15:00	WATE	3	40 ml	503109				<u> </u>						Afredi	
4. W8	15:00	WATA		Amber	A.I	?	$\times$								very des	~
5. SB9 ~ 3.5	15:00	5011	l	10,000	503109		$\times$								An oder	7
6 W9	15:30	WATER	3	VOA	503109	$\langle X \rangle$	\ \ \				: 					
7. SB10 - 3.5	14:45	Soil	. 1	mann! Sleeve	503109	$3 \times$	X				<del></del> -					
8. WID	6:00	WATER	3	40 ml VOA	5031094											
9.					***	<del>-</del>										
10.							<u> </u>						<u> </u>			

Relinquished By. (La) Certain Date: 322-95 Time: 5:40 Received By: Date:	e: Time:
Relinquished By: Date: Time: Received By Lab: Chause Date:	17.40 Time: 1740

CHAIN OF CUSTODY	☐ 819 West Striker Ave. • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100 € 1900 Bates Ave., Suite LM • Concord, CA 94520 • (510) 686-9600 FAX (510) 686-9689	<u>ቻ</u>
<u> </u>		ļ

Company Name: ACC Environment	1 Consilina	n ts Pro	Project Name: Wo Lee Food Company, Oakland								
Address: 1000 ATLANTE Avenu	<u> </u>		Billing Address ( if different):								
City: Alameda State: CA	Zip Code: 94	1501									
cohone: (570) 522 - 8188 FAX#: 865 - 5731 P.O.#: 95 - 6238 - 1.0											
Report To: Dave Delhat Sampler:	David Del	he-P ac	QC Data: A Level A (Standard) Level B Level C Level D								
Turnaround 10 Working Days 3 Working D	paround 1 to Working Days 1 3 Working Days 2 - 8 Hours 1 Drinking Water Analyses requested										
Time:		☐ Wast ☐ Other	aste Water her								
Chich   Date   1	Cont. Type	Sequola's Sample #	Comments								
1 5B11-3.5 3/22/95 10:00 Soil	Specie	031063									
2. W 11 10:15 WATEN	1 201- 1 .	031064	1 TANYOS OF								
3. WII 10:15 WATEN	1 Ambin	AD	P X Shull A								
4. SB12-3.5 10:15 Soil	1 metal 50 Sleeve	131065	5 XX hudrecolon								
5 WIZ 12:15 WATEN	3 40 ml 50	131066	SX Clear								
6 W12 12:15 WATER	1 Ambon	AD									
7. SB13-3.5 10:30 Soil	1 sleeve 50	331067									
8. W13 12:20 WATEN		031068									
9 W13 12:20 WATEN	1 Amber	AD									
10.											
Relinquished By: D. Pel	Date: 5; Tir	me:,/ -) '.	Received By: Date: Time:								
Relinquished By. Clar Car.	Date: 3.22-45 Tir	me:ら: <u>Чし</u>	C Received By: Date: Time:								
Delinquiched 8v	Date: Tir	me:	Received By:    Date:   Date:   Time:   1740								

CHAIN OF CUSTODY	680 Chesapeake Drive • Redwood City, CA 94003 (413) 680-6600 FAX (510) 686-9689  St 1900 Bates Ave., Suite LM • Concord, CA 94520 • (510) 686-9600 FAX (510) 686-9689
CHAIN OF COSTODI	1900 Bales Ave., Suite Livi Concold, OA 34023 (0.0) 000 000

Company Name: 12	Company Name: ACC Environ mangal Consilmits Project									Le	F	·ol	Lo	nyan	4 1	DAKLA	al
										Project Name: We Lee Food Company, Dakland Billing Address (if different):							
Address 1000 ATTAXITIE AVAILE														<u></u>			
City: Alamada	<del></del>	State:	CA	<del> </del>	Zip Code:	7750)		9.5				/ 0	<del></del>			<u>, , , , , , , , , , , , , , , , , , , </u>	
Telephone: (570)	5.2	2-8181	P	FAX #:	865	5 /3 [	P.O. #:	75	- (	4 L S	<i>y</i>	1.0					
Report To: DAVE [	)est	ut_	Sampler	: Dan	a Dem		QC Data	i: KLE	evel A	(Standa	ard) L	1 Feve			evel C	Leve	I D
Turnaround 🗋 10 Wo	orking	Days 🔲 3	3 Working	Days	🗋 2 - 8 Ho	urs 🖸 D	rinking V		<i>,</i>			Analys	es Re	equeste	ed		•
		Days 🖸 2	-	Days		0 w	aste Wa ther	ler No 10	at/								<del></del> 1
Client Sample I D.		ate/Tim <b>e</b> ample <b>d</b>	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	/2	(O)	<u> </u>			$\angle$	_	$\angle$	$\angle$	Comm	ents
1. SBI4-3.5			SOIL	1	2/20/	503106	$\times$	X						-	<u> </u>		
2. W14			WATER	3	VOA	503 <b>1</b> 07(								<u> </u>		Mayte	<del></del>
3. W14		12:10	1)	2	Liter	, H		X						<u> </u>		5/100	
4. SBIS-3.5		11:00	5011	l	menal Scerve	503107	1 🗙	X						<u> </u>	ļ	hydroc	1. 622
5 WIS		11:40	WATER	3		รุกว <b>า</b> กว่า								<u> </u>		odor	
6 WIS		11:40		1	Ambon Liter Methol			X					<u> </u>	<del> </del>	<u> </u>		
7. 5816-3.5	_	11:15	Soil	1	Sleeve	503107		X			<u> </u>		<u> </u>	<u> </u>			
8. WIL	-	····	WATER	l	VOA Amber	502107	$\frac{4}{0}$							-	<u> </u>		
9 W16	4	/ 12:00	WATON		Lith			X					<u> </u>				
10.												<u> </u>	<u> </u>	<u> </u>			
Relinquished By:n Del Date: 3 >> 1. Time: 1						Time: 'I, _`.	Rec	eived B	By:	1.5	<u>A de</u>	<u>, , , , , , , , , , , , , , , , , , , </u>			· ` ` / _ /	STime: State 3	<u>:</u>
Relinquished By:	CL	Wolser	$\mathcal{Q}$	Date	<del>8:3:2≥-4\$</del>	Time: S: 40	ک Rec	eived B	By:	, ( <sup>^</sup> / <sub>^</sub>		160		Date:	2.2/6	Time:	10
Relinquished By.				Dan	e:	Time:	Red	eived E	iý Ľab					Date: /	~~! !~	Time: ' '	<u>'</u>

# APPENDIX C

UNIFIED SOIL CLASSIFICATION SYSTEM AND LITHOLOGIC LOGS

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	MAJOR DIVI	SIONS		TYPICAL NAMES
g)	GRAVELS	CLEAN GRAVELS WITH LITTLE OR	G W	well graded gravels, gravel-sand mixtures
OIL.S Siev	more than half coarse fraction is	NO FINES	GP	poorly graded gravels, gravel-sand mixtures
#20C#	larger than No. 4	GRAVELS WITH	GМ	silty gravels, poorly graded gravel-sand silt mixtures
COARSE GRAINED SOILS more than half > #200 sieve	sieve	OVER 12% FINES	GC	clayey gravels, poorly graded gravel-sand clay mixtures
RSE ( han h	SANDS	CLEAN SANDS WITH	s w	well graded sands, gravelly sands
COA ore t	more than half coarse	LITTLE OR NO FINES	SP	poorly graded sands, gravelly sands
E	fraction is smaller	SANDS WITH OVER		silty sands, poorly graded sand-silt mixtures
	than No. 4 sieve	12% FINES	s c	clayey sands, poorly graded sand-clay mixtures
eve	CE TO AND OLAY	/C	МL	inorg. silts and v.fine sands, rock flour silty or clayey sands, or clayey silts w/sl. plasticity
FINE GRAINED SOILS more than half < #200 sieve	SILTS AND CLAY liquid limit less than	_	CL	inorg. clays of low-med plasticity, gravelly clays, sandy clays, silty clays, lean clays
INED * #			OL	organic clays and organic silty clays of low plasticity
: GRA n half	SII TV AND CI	AVC	мн	inorganic silty, micaceous or diatomacious fine sandy or silty soils, elastic silts
FINE e tha	의 SILTY AND CLAYS liquid limit greater than 50			inorganic clays of high plasticity, fat
mor			ОН	organic clays of medium to high plasticity organic silts
	HIGHLY ORGANIC S	SOILS	Pt	peat and other highly organic soils
		LECEND FOD DO	NOINIA	 <u> </u>

## LEGEND FOR BORING LOGS

Known Contact Boundary

Contact Interval

Contact Interval

Groundwater encountered during drilling

Date: 5/1/95

Project No. 95-6238-1.0

Wo Lee Food Company 208 Jackson Street Oakland, California

ACC Environmental Consultants, Inc. • 1000 Atlantic Avenue, Suite 110 • Alameda, CA 94501 • (510) 522-8188

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample	Depth (feet)	LOGGED PROJECT	NT: Pneumatic Sampler (1" O.D.) BY: D. DeMent : 208 Jackson Street, Oakland ATE: 3/21/95
Munsell Color Scale (7.5YR - N3/) (7.5YR - 4/4)		SB1-4		— 0 — — 2 — — 4 ¥ — 6 — — 10 — — 12 — — 14 — — 16 — — 18 — — 20 — — 22 — — 24 —	San -me fine	Increte/Baserock: sandy gravel.  Sand (SM), dark gray, 5-10% Is, medium dense, damp  Id (SP), brown - dark brown, fine dium grain, well sorted, trace s, medium dense, moist  ITOM OF BORING @ 5 feet  ID be advanced to 10 feet for ollection of water sample)
				— 28  —	of the state of th	
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110			- 1	JOB NO: 6238-1.0  LOG OF BORING  Wo Lee Food Compa 208 Jackson Stre		
ALAMEDA, CA	7 7 <del>4</del> 91	<i>.</i>		DATE: 5	/2/95	Oakland, California

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample	Depth (feet)	LOGGED E PROJECT:	IT: Pneumatic Sampler (1" O.D.) BY: D. DeMent 208 Jackson Street, Oakland ATE: 3/21/95
Munsell Color Scale (7.5YR - N3/) (7.5YR - 4/4)		SB2-4		— 2 — — 4 <u>▼</u> — 6 — — 10 — — 12 — — 14 — — 16 — — 18 — — 20 — — 22 — — 24 —	Silty 10% - find Sand -med fines Sand abov	Crete/Baserock: sandy gravel. Sand (SM), greenish gray, 5- fines, medium dense, damp es decrease with depth  If (SP), brown - dark brown, fine dium grain, well sorted, trace s, medium dense, moist  If (SP), brown - yellow brown, as re, saturated  ITOM OF BORING @ 10 feet
ACC ENVIRONMENTAL 1000 ATLANTIC AVEU ALAMEDA, CA	NUE, S	UITE 110	1	28 JOB NO: ( DATE: 5	<u></u>	LOG OF BORING B-2 Wo Lee Food Company 208 Jackson Street Oakland, California

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Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample Interval	Depth (feet)	LOGGEI PROJEC	D BY: D. (	ackson Street, Oakland
Munsell Color Scale (7.5YR - N3/) (10YR - 5/6)		SB3-4		— 0 — — 2 — — 4   — 6 — — 10 — — 12 — — 14 — — 16 — — 18 — — 20 — — 22 —	Sal Sal Sa fir fir	oncrete/B ty Sand (S % fines, n and (SP), the-medium nes, medium OTTOM Of	aserock: sandy gravel.  SM), dark gray-brown, 5- nedium dense, damp  brown - yellow brown, n grain, well sorted, trace and dense, moist  BORING @ 4 feet  anced to 10 feet for of water sample)
ACC ENVIRONMENTAL 1000 ATLANTIC AVEL ALAMEDA, C	NUE, S	UITE 110	ŀ	<b>24 26 28 JOB NO:</b>		/	<b>LOG OF BORING B-3</b> Wo Lee Food Company 208 Jackson Street Oakland, California

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample Interval	Depth (feet)	PROJECT: START D	NT: Pneumatic Sampler (1" O.D.) BY: D. DeMent : 208 Jackson Street, Oakland ATE: 3/21/95
<u>Munsell Color Scale</u> (7.5YR - N3/) (7.5YR - 4/4)	-	SB4-4		—2 — —4 <u>▼</u>	Silty 10% Sand fine- fines	Crete/Baserock: sandy gravel. Sand (SM), dark gray-brown, 5- fines, medium dense, damp  I (SP), yellow brown- brown, medium grain, well sorted, trace medium dense, moist TTOM OF BORING @ 4 feet
		W4	are the same of th	8 10 12		bbe advanced to 10 feet for llection of water sample)
				— 14 — — 16 —		
				— 18 <b>–</b>		
	-		_	22 24		
			The state of the s	— <b>26 —</b> — 28 —		
ACC ENVIRONMENTAL 1000 ATLANTIC AVEU ALAMEDA, C	UITE 110	1	JOB NO: DATE: 5		LOG OF BORING B-4 Wo Lee Food Company 208 Jackson Street Oakland, California	

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE#	Sample Interval	Depth (feet)	EQUIPMENT: Pneumatic Sampler (1" O.D.) LOGGED BY: D. DeMent PROJECT: 208 Jackson Street, Oakland START DATE: 3/21/95
<u>Munsell Color Scale</u> (7.5YR - N3/) (10YR - 5/6)	-	SB5-4		2 4 <u>▼</u>	Concrete/Baserock: sandy gravel.  Silty Sand (SM), dark gray-brown, 5- 10% fines, medium dense, damp  Sand (SP), brown - yellow brown, fine-medium grain, well sorted, trace fines, medium dense, moist
				— 6 — — 8 —	BOTTOM OF BORING @ 4 feet  (Probe advanced to 10 feet for
		W5		10 12 14	collection of water sample)
				— 16 <i>—</i>	
				— 20  - — 22  -	
				— 24  - — 26  -	
				28 -	LOG OF BORING B-5
ACC ENVIRONMENTAL 1000 ATLANTIC AVEU ALAMEDA, C	NUE, S	UITE 110		JOB NO: (	Wo Lee Food Company 208 Jackson Street

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample	Depth (feet)	LOGGED BY PROJECT:	T: Pneumatic Sampler (1" O.D.) T: D. DeMent 208 Jackson Street, Oakland TE: 3/21/95
Munsell Color Scale (7.5YR - N3/) (10YR - 5/6)		SB6-4 W6		— 0 — — 2 — — 4 <u>▼</u> — 6 — — 10 — — 12 — — 14 — — 16 — — 18 —	Sand fine-ring fines,  (Prob	ock: sandy gravel. and (SM), dark gray-brown, 5- ines, medium dense, damp  (SP), brown - yellow brown, nedium grain, well sorted, trace medium dense, moist  FOM OF BORING @ 4 feet  e advanced to 10 feet for ection of water sample)
ACC ENVIRONMENTAL 1000 ATLANTIC AVEU ALAMEDA, C.	NUE, S	UITE 110		— 24 — 26 — 28 — JOB NO:		LOG OF BORING B-6 Wo Lee Food Company 208 Jackson Street Oakland, California

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample Interval	Depth (feet)	LOGGEI PROJEC	MENT: Pneumatic Sampler (1" O.D.) ED BY: D. DeMent ECT: 208 Jackson Street, Oakland T DATE: 3/21/95
Munsell Color Scale (7.5YR - N3/)				2 _	Sili 10	Baserock: sandy gravel. ilty Sand (SM), dark gray-brown, 5- 0% fines, medium dense, damp Sand (SP), brown - yellow brown,
(10YR - 5/6)	-	SB7-4		4 <b>▼</b> 6	fir	ine-medium grain, well sorted, trace ines, medium dense, moist BOTTOM OF BORING @ 4 feet
				<del></del> 8 -		BOTTOM OF BORING & 4 Teet
		W7		— 10 ÷		(Probe advanced to 10 feet for collection of water sample)
				— 12 <b>–</b> — 14 <i>–</i>		
				16 <i>-</i> -		•
				— 18  — 20  —		
		-		22 -		·
				24 -		
				<b>26</b> – 28 –		
	ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110				6238-1.0	.0 LOG OF BORING B-7 Wo Lee Food Company
ALAMEDA, CA				DATE: 5	72/95	208 Jackson Street Oakland, California

Environmental Control Associates, Inc. Pneumatic Sampler. Pneumatic Sampler (1* O.D.) CogGeD By: D. DeMent Pneumatic Sampler. P		<del>-</del>					D1 (51 :		
Munsell Color Scale	Associates, Inc.	ſ	SAMPLE #	Sample	(feet)	LOG( PROJ	GED BY JECT: 2	: D. DeMent 208 Jackson Street, Oakland	
(7.5YR - N3/) (10YR - 5/6)  - SB8-4  -	Munsell Color Scale					22.22			
(10TR - 3/6)  - S80-4  - W8  - 10  - 12 - Fine-medium grain, well sorted, trace fines, medium dense, moist  BOTTOM OF BORING @ 4 feet  - 8 - Fine-medium dense, moist  BOTTOM OF BORING @ 4 feet  - 12 - Fine-medium dense, moist  BOTTOM OF BORING @ 4 feet  - 14 - Fine-medium dense, moist  BOTTOM OF BORING @ 4 feet  - 14 - Fine-medium dense, moist  BOTTOM OF BORING @ 4 feet  - 12 - Fine-medium dense, moist  BOTTOM OF BORING @ 4 feet  - 14 - Fine-medium dense, moist  BOTTOM OF BORING @ 4 feet  - 14 - Fine-medium dense, moist  BOTTOM OF BORING @ 4 feet  - 14 - Fine-medium dense, moist  BOTTOM OF BORING B-8  - 20 -	(7.5YR - N3/)				2 <u></u>				
## fines, medium dense, moist  ## Fines, medium dense, moist  ## BOTTOM OF BORING @ 4 feet  ## BOTTOM OF BORING @ 4 feet  ## Probe advanced to 10 feet for collection of water sample)  ## Collection of water sample  ## Probe advanced to 10 feet for collection of water sample  ## Problection of water sample  ## Problection of water sample	(10YR - 5/6)	_	SB8-4						
W8					4 👤				
W8 - 10 - (Probe advanced to 10 feet for collection of water sample)  - 12				:	<u> </u>		ВОТТ	OM OF BORING @ 4 feet	
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501  Collection of water sample)  collection of water sample)  collection of water sample)  collection of water sample)  LOG OF BORING B-8  We Lee Food Company 208 Jackson Street					<del></del> 8				
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501  - 12			w8		10 -				
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501				:			colle	ction of water sample)	
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501			1		12 -			-	
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501					14 -				
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501	• •				16 <i>-</i> -	-			
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501  DEFINITION OF BORING B-8 Wo Lee Food Company 208 Jackson Street					<u> </u>				
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501  ACC ENVIRONMENTAL CONSULTANTS 100 ALAMEDA, CA 94501  ACC ENVIRONMENTAL CONSULTANTS 100 BORING B-8 Wo Lee Food Company 208 Jackson Street					20 -				
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501  ACC ENVIRONMENTAL CONSULTANTS 100 ALAMEDA, CA 94501  ACC ENVIRONMENTAL CONSULTANTS 100 BORING B-8 Wo Lee Food Company 208 Jackson Street			-	_					
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501  Description  JOB NO: 6238-1.0  LOG OF BORING B-8  We Lee Food Company 208 Jackson Street									
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501  Date 5 10 105  LOG OF BORING B-8 We Lee Food Company 208 Jackson Street					24 -				
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501  ACC ENVIRONMENTAL CONSULTANTS JOB NO: 6238-1.0  LOG OF BORING B-8 Wo Lee Food Company 208 Jackson Street					<del>-</del> 26 -				
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501  ACC ENVIRONMENTAL CONSULTANTS JOB NO: 6238-1.0  LOG OF BORING B-8 Wo Lee Food Company 208 Jackson Street					28 -				
1000 ATLANTIC AVEUNUE, SUITE 110  ALAMEDA, CA 94501  ALC ENVIRONMENTAL CONSULTANTS  JOD NO: 6236-10  Wo Lee Food Company  208 Jackson Street		ride - skil							
ALAMEDA, CA 94501 208 Jackson Street		1			JOB NO: 6238-1.0			Wo Lee Food Company	
Vanana, Camorna	5				DATE: 5	/2/95		208 Jackson Street Oakland, California	

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Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample	Depth (feet)	LOG PRO.	GED BY JECT: 2	: Pneumatic Sampler (1" O.D.) : D. DeMent 208 Jackson Street, Oakland E: 3/21/95
Munsell Color Scale (7.5YR - N3/) (10YR - 5/6)	-	SB8-4		0		Basero Silty Sa 10% find discolor Sand ( fine-m fines, in BOTT	E: 3/21/95  ock: sandy gravel.  and (SM), dark gray-brown, 5- nes, medium dense, damp (some red soil noted) SP), brown - yellow brown, edium grain, well sorted, trace medium dense, moist  OM OF BORING @ 4 feet  e advanced to 10 feet for ction of water sample)
			The state of the s	— <b>26</b> — 28 —			
1000 ATLANTIC AVEUN	ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501			JOB NO: 6238-1.0 DATE: 5/2/95			LOG OF BORING B-8 Wo Lee Food Company 208 Jackson Street Oakland, California

Environmental Control Associates, Inc.	HNu	PLE #	Samplei	Depth	LOGGE	ED BY:	Pneumatic Sampler (1" O.D.) D. DeMent
Pneumatic Sampler.	(ppm)	SAMPLE	Sar	(feet)			08 Jackson Street, Oakland E: 3/21/95
Munsell Color Scale					⊹∵∵ Si	ilty Sai	ck: sandy gravel. nd (SM), dark gray-brown, 5-
(7.5YR - N3/)		SB9-		2			es, medium dense, damp SP), brown - yellow brown,
(10YR - 5/6)	_	3.5		4 🕎	<b>h</b> fi	ine-me	edium grain, well sorted, trace nedium dense, moist
				<del></del> 6	<b> </b>		DM OF BORING @ 3.5 feet
				8 <del></del>			
		W9		<u> </u>	(	•	advanced to 10 feet for tion of water sample)
				<u> </u>			
				14 —			
				— 16 —			
				18 <i>-</i>			
				20			-
-		-		<u> </u>			
				— 24 <i>-</i> -			
				26			
				<u> </u>			
					appropriation of the state of t	1	
	ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110				6238-1.	.0	LOG OF BORING B-9 Wo Lee Food Company
ALAMEDA, <i>CA</i>	9450	<b>0</b> 1		DATE: 5	/2/95		208 Jackson Street Oakland, California

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Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample Interval	Depth (feet)	LOGGED B PROJECT:	T: Pneumatic Sampler (1" O.D.) Y: D. DeMent 208 Jackson Street, Oakland TE: 3/21/95
Munsell Color Scale (7.5YR - N3/) (10YR - 5/6)		SB10 - 3.5		0	Silty 10% Sand fine-r fines, BOT	nalt/Baserock: sandy gravel. Sand (SM), dark gray-brown, 5- fines, medium dense, damp (SP), brown - yellow brown, medium grain, well sorted, trace , medium dense, moist TOM OF BORING @ 3.5 feet  the advanced to 10 feet for flection of water sample)
ACC ENVIRONMENTAL 1000 ATLANTIC AVEU ALAMEDA, CA	NUE, S	UITE 110	· t	JOB NO:		LOG OF BORING B-10 Wo Lee Food Company 208 Jackson Street Oakland, California

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Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample	Depth (feet)	LOGGED B PROJECT:	T: Pneumatic Sampler (1" O.D.) Y: D. DeMent 208 Jackson Street, Oakland TE: 3/22/95
Munsell Color Scale (10YR - 2/2)		SB11 - 3.5			Sand fine-I fines  BOT	rete/Baserock: sandy gravel.  (SP), brown - yellow brown, medium grain, well sorted, trace, medium dense, moist  TOM OF BORING @ 3.5 feet  De advanced to 10 feet for ection of water sample)
ACC ENVIRONMENTAL 1000 ATLANTIC AVEU ALAMEDA, C	NUE, S	UITE 110	1	26		<b>LOG OF BORING B-11</b> Wo Lee Food Company 208 Jackson Street Oakland, California

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample	Depth (feet)	LOG( PRO.	ged by Ject: 2	: Pneumatic Sampler (1" O.D.) : D. DeMent 208 Jackson Street, Oakland E: 3/22/95
Munsell Color Scale  (10YR - 2/2)		SB12 - 3.5		— 0 — — 2 — — 4 <u>▼</u> — 6 — — 10 — — 12 — — 14 — — 16 — — 18 — — 20 — — 22 —	STA	Concre Sand ( fine-me fines, r colored BOTT	ete/Baserock: sandy gravel. SP), brown - yellow brown, edium grain, well sorted, trace medium dense, moist (some dis- displayed) TOM OF BORING @ 3.5 feet  e advanced to 10 feet for ction of water sample) cremely poor recharge noted
ACC ENV!RONMENTAL			1	26 28 JOB NO:	6238	-1.0	LOG OF BORING B-12
1000 ATLANTIC AVEU! ALAMEDA, CA				DATE: 5	5/2/95	5	Wo Lee Food Company 208 Jackson Street Oakland, California

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample	Depth (feet)	LOGGE PROJE	ED BY: ECT: 2	Pneumatic Sampler (1" O.D.) D. DeMent Use Jackson Street, Oakland Use 3/22/95
Munsell Color Scale  (10YR - 4/3)		SB13 - 3.5		— 0 — — 2 — — 4 <del>▼</del> — 6 — — 10 — — 12 — — 14 — — 16 — — 18 — — 20 — — 22 —	Scarce C	concrei and (S nedium nedium dor ne BOTT(	te/Baserock: sandy gravel. P), brown - dark brown, fine- grain, well sorted, trace fines, dense, moist (hydrocarbon
ACC ENVIRONMENTAL 1000 ATLANTIC AVEU ALAMEDA, C.	NUE, S	UITE 110	´	26	·	.0	LOG OF BORING B-13 Wo Lee Food Company 208 Jackson Street Oakland, California

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample Interval	Depth (feet)	LOG( PROJ	GED BY JECT: 2	: Pneumatic Sampler (1" O.D.) : D. DeMent 208 Jackson Street, Oakland E: 3/22/95
Munsell Color Scale  (10YR - 4/3)		SB14 - 3.5		— 0 — — 2 — — 4 <u>▼</u> — 6 — — 10 — — 12 — — 14 — — 16 — — 18 — — 20 — — 22 —	<b></b>	Concre Sand (i mediur mediur BOTT	E: 3/22/95 ete/Baserock: sandy gravel. SP), brown - dark brown, finem grain, well sorted, trace fines, in dense, moist  TOM OF BORING @ 3.5 feet  e advanced to 10 feet for ction of water sample)
ACC ENVIRONMENTAL				26 28  JOB NO:	6238	-1.0	LOG OF BORING B-14
1000 ATLANTIC AVEU ALAMEDA, C.				DATE: 5	5/2/95		Wo Lee Food Company 208 Jackson Street Oakland, California

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample	Depth (feet)	LOG PRO	GED BY JECT: 2	: Pneumatic Sampler (1" O.D.) : D. DeMent 208 Jackson Street, Oakland E: 3/22/95
Munsell Color Scale  (10YR - 3/1)	-	SB15 - 3.5		— 0 — — 2 — — 4 <u>▼</u> — 6 — — 10 — — 12 — — 14 — — 16 — — 18 — — 20 — — 22 —	SIA	Concre Sand ( grain, mediu noted, BOTT	ete/Baserock: gravel. (SP), dark gray, fine-medium well sorted, trace fines, m dense, moist (discolored soil slight hydrocarbon odor noted). OM OF BORING @ 3.5 feet  e advanced to 10 feet for ction of water sample)
				— <b>26</b> — 28 —			
1000 ATLANTIC AVEUN	ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501				6238 6238		LOG OF BORING B-15 Wo Lee Food Company 208 Jackson Street Oakland, California

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Sample Interval	Depth (feet)	PRO. STAI	GED BY: JECT: 2 RT DATI	Pneumatic Sampler (1" O.D.) D. DeMent O8 Jackson Street, Oakland E: 3/22/95
Munsell Color Scale (10YR - 3/1)	ı	SB16 - 3.5		— 2  — — 4 <u>▼</u>		Sand (S grain, v mediun with sli	te/Baserock: gravel. SP), dark gray, fine-medium vell sorted, trace fines, n dense, moist (discolored soil ght hydrocarbon odor) OM OF BORING @ 3.5 feet
		W16		6 8 10			advanced to 10 feet for ction of water sample)
				12 14   -			•
				— 16 — — 18 — — 20 —			
		-		— 22 — — 24 —	-		
	of a defection where the contract of the contr			— <b>26</b> — 28 —			
1000 ATLANTIC AVEU	ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501				6238 6238 5/2/95		LOG OF BORING B-16  Wo Lee Food Company 208 Jackson Street Oakland, California