

April 5, 1996

Mr. Steve Chrissanthos  
Alameda Cellars  
1709 Otis Drive  
Alameda, CA 94501

RE: Biannual Groundwater Monitoring  
901 Lincoln Avenue, Alameda, California  
*ACC Job No. 6039-2b*

Dear Mr. Chrissanthos:

Enclosed please find the report for the biannual groundwater monitoring for the groundwater monitoring wells associated with the ongoing subsurface investigation at the above referenced property. This work was performed in accordance with requests from Ms. Juliet Shin of the Alameda County Health Care Services Agency to document that the residual contaminants impacting the groundwater are attenuating and do not pose a human health risk.

Groundwater samples obtained from monitoring wells MW-1 and MW-4 were submitted to Chromalab, Inc., for petroleum hydrocarbon analysis, in accordance with the "Tri-Regional Guidelines for Underground Storage Tank Sites."

The results of the groundwater analysis indicated nondetectable concentrations in monitoring well MW-4. Sample analytical results from monitoring well MW-1 indicated detectable levels of total petroleum hydrocarbons as gasoline, benzene, and total xylenes.

Laboratory analytical results indicated decreased concentrations of constituents in groundwater. Overall concentrations have decreased with time indicating a degrading and/or dissipating source. Based on all previous work performed at the site to date, groundwater and soil impact appears to be isolated in the immediate vicinity around monitoring well MW-1. Based on site investigation and 3 years of groundwater monitoring conducted at this site, ACC feels that the remaining impact around the vicinity of monitoring well MW-1 will not pose a significant threat to groundwater quality in the area. Further groundwater monitoring and sampling should produce no added benefit. ACC surmises that the concentrations of hydrocarbons within the groundwater around well MW-1 will continue to degrade, and requests that the site be closed from further action and groundwater monitoring.

96 APR - 9 PM 2:05  
ENVIRONMENTAL  
PROTECTION

Mr. Chrissanthos  
April 5, 1996  
Page 2

If you have any comments regarding this report, please call me at (510) 638-8400.

Sincerely,

A handwritten signature in black ink, appearing to read "Misty Kaltreider". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Misty C. Kaltreider  
Project Geologist

cc: Ms. Juliet Shin, Alameda County Health Care Services Agency, Division of Hazardous  
Materials



BIANNUAL GROUNDWATER MONITORING REPORT  
901 Lincoln Avenue  
Alameda, California

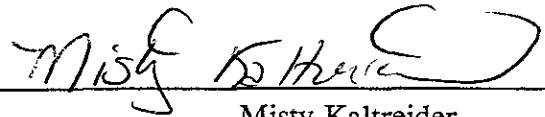
ACC Job No. 94-6039-2b

Prepared for:


Mr. Steve Chrissanthos  
Alameda Cellars  
1709 Otis Drive  
Alameda, CA 94501

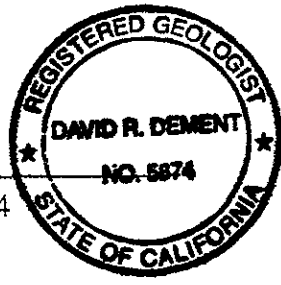
April 1996

Prepared by:

  
Misty Kaltreider  
Project Geologist

Reviewed by:

  
David R. DeMent, RG #5874  
Registered Geologist



ENVIRONMENTAL  
PROTECTION  
06 APR 95 PM 2:05

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**BIANNUAL GROUNDWATER MONITORING REPORT**  
**901 Lincoln Avenue**  
**Alameda, California**

## **1.0 INTRODUCTION**

On behalf of Mr. Steve Chrissanthos and Alameda Cellars, ACC Environmental Consultants, Inc., (ACC) has prepared this report on biannual groundwater monitoring performed at the above referenced site (Figure 1). The purpose of the work was to evaluate changes in the groundwater direction and gradient and monitor the extent of petroleum hydrocarbons in the groundwater by obtaining samples from the existing monitoring wells.

## **2.0 BACKGROUND**

In March 1990, two 10,000-gallon gasoline tanks and one 2,000-gallon diesel tank were removed from the site. Analysis of the soil samples collected from beneath the two gasoline tanks indicated concentrations up to 710 parts per million (ppm) of total petroleum hydrocarbons as gasoline (TPHg). Soil samples collected from beneath the diesel tank indicated nondetectable concentrations of total petroleum hydrocarbons as diesel (TPHd).

According to a request from the Alameda County Health Care Services Agency, Hazardous Materials Division (ACHCSA), a Preliminary Site Assessment was conducted to further evaluate soil contamination from the gasoline release on site. ACC was retained by Mr. Chrissanthos to perform the work requested by the ACHCSA.

On December 4, 1992, three monitoring wells were installed on site. Analytical results of soil samples collected during drilling boring MW-1 indicated concentrations of 56 ppm of TPHg and concentrations of benzene, toluene, ethylbenzene, and total xylenes (BTEX). Monitoring well MW-1 is located adjacent to the former tank excavation. Soil samples collected from the other borings indicated constituents of concern were not above reporting limits.

Initial groundwater samples collected from the on site monitoring wells on December 15, 1992, indicated below detectable levels of constituents. In February 24, 1993, ACC performed a soil investigation at the property to evaluate the lateral and vertical extent of soil contamination adjacent to monitoring well MW-1. Analytical results of soil samples collected indicated below detectable levels of petroleum hydrocarbon constituents in the soil. It was concluded that petroleum hydrocarbon impact on site is limited to soil around monitoring well MW-1.

In October 1993, monitoring well MW-4 was installed downgradient of monitoring well MW-1 on site (Figure 2). Laboratory analysis of soil samples collected during drilling indicated below detectable levels of constituents. In November 1993, laboratory analysis of groundwater samples collected from the on site monitoring wells indicated below detectable levels of constituents in monitoring wells MW-2, MW-3, and MW-4.

In December 1993, ACHCSA approved a reduction in groundwater sampling. The revised groundwater sampling and monitoring program included performing monitoring of all four wells on site and collecting groundwater samples from only monitoring wells MW-1 and MW-4 on a biannual basis. Groundwater samples collected from these wells should be analyzed for TPHg and BTEX.

In 1995, a request for site closure with no further monitoring was requested based on the continual degrading of dissolved petroleum hydrocarbon concentrations in monitoring well MW-1 and degrading concentrations since 1993. The request for closure was denied by the ACHCSA in a letter dated December 11, 1995, due to the elevated concentrations of benzene reported in monitoring well MW-1 in August 1995. The ACHCSA requested continued biannual monitoring.

### **3.0 GROUNDWATER MONITORING AND SAMPLING**

ACC conducted biannual groundwater monitoring on February 23, 1996. Work at the site included measuring depth to water, subjectively evaluating groundwater in the wells, and purging and sampling the wells in preparation for laboratory analysis.

#### **3.1 Groundwater Monitoring**

Prior to groundwater monitoring, the depth to the surface of the water table was measured from the top of the polyvinyl chloride casing in each on site monitoring well using a Solinst water level meter. Information regarding depths of wells, well elevations and groundwater levels are summarized in Table 1.

**TABLE 1 - GROUNDWATER DEPTH INFORMATION**

Well No. Well Elevation	Sample Date	Depth to Groundwater (feet)	Groundwater Elevation (MSL)
MW-1 18.99	12/15/92	10.27	8.72
	01/06/93	8.67	10.32
	02/09/93	6.67	12.01
	03/20/93	6.94	12.05
	04/08/93	7.25	11.74
	05/17/93	8.67	10.32
	06/23/93	9.58	9.41
	07/13/93	10.21	8.78
	08/10/93	10.78	8.21
	09/10/93	11.21	7.78
	10/25/93	11.58	7.41
	11/12/93	11.74	7.25
	02/16/94	8.94	10.05
	03/10/94	8.71	10.32
	05/16/94	9.76	9.23
	08/29/94	11.28	7.71
	02/15/95	6.76	12.23
08/28/95	10.03	8.96	
02/23/96	6.81	12.18	
MW-2 19.03	12/15/92	10.14	8.89
	01/06/93	8.50	10.53
	02/09/93	6.66	12.37
	03/20/93	6.53	12.50
	04/08/93	6.83	12.20
	05/17/93	8.34	10.69
	06/23/93	9.36	9.67
	07/13/93	9.99	9.04
	08/10/93	10.54	8.49
	09/10/93	11.08	7.95
	10/25/93	11.41	7.62
	11/12/93	11.58	7.45
	02/16/94	8.71	10.32
	03/10/94	7.93	11.10
	05/16/94	9.58	9.45
	08/29/94	11.16	7.87
	02/15/95	6.32	12.71
08/28/95	9.75	9.28	
02/23/96	6.37	12.66	



Well No. Well Elevation	Sample Date	Depth to Groundwater (feet)	Groundwater Elevation (MSL)
MW-3 19.35	12/15/92	10.44	8.91
	01/06/93	8.91	10.44
	02/09/93	7.26	12.09
	03/20/93	7.16	12.19
	04/08/93	7.49	11.86
	05/17/93	9.01	10.34
	06/23/93	10.22	9.13
	07/13/93	10.58	8.77
	08/10/93	11.12	8.23
	09/10/93	11.68	7.67
	10/25/93	11.98	7.37
	11/12/93	12.12	7.23
	02/16/94	9.18	10.17
	03/10/94	8.32	10.83
	05/16/94	10.28	9.07
	08/29/94	11.77	7.58
	02/15/95	6.87	12.50
08/28/95	10.27	9.08	
02/23/96	6.93	12.42	
MW-4 18.51	08/23/93	10.27	9.08
	10/25/93	11.43	7.08
	11/12/93	11.59	6.92
	02/16/94	7.80	10.71
	03/10/94	8.36	10.15
	05/16/94	9.66	8.85
	08/29/94	11.11	7.40
	02/15/95	6.75	11.76
	08/28/95	9.95	8.56
02/23/96	6.75	11.76	

Notes: All measurements in feet  
MSL = Mean sea level

During sampling, after water level measurements were taken, monitoring wells MW-1 and MW-4 were purged by hand using a designated, disposable polyethylene bailer for each well. Groundwater pH, temperature, and electrical conductivity were monitored during well purging. Each well was considered to be purged when these parameters stabilized. Four well volumes were removed to purge each well. Worksheets of groundwater conditions monitored during purging are attached in Appendix 1.

### 3.2 Groundwater Gradient

Groundwater levels were measured from the four existing monitoring wells on February 23, 1996, and were used to calculate groundwater elevation (Figure 3). The gradient was evaluated by triangulation using the elevation of the potentiometric surface measured with respect to MSL data. Based on groundwater elevation calculations, groundwater flow direction is toward the northwest at an average gradient of 0.009 foot/foot. The groundwater flow direction, as determined from monitoring well data, is consistent with previous sampling events. Table 2 summarizes the current and historic groundwater gradient and direction of groundwater flow on site.

**TABLE 2 - HISTORICAL GROUNDWATER GRADIENT**

Date Monitored	Gradient (foot/foot)	Direction
12/15/92	0.002	west-southwest
01/06/93	0.004	northwest
02/09/93	0.008	northwest
03/10/93	0.009	northwest
04/08/93	0.011	northwest
05/17/93	0.008	northwest
06/23/93	0.008	north-northwest
07/13/93	0.006	northwest
08/10/93	0.006	northwest
09/10/93	0.006	northwest
10/25/93	0.007	northwest
11/12/93	0.006	northwest
02/16/94	0.01	northwest
03/10/94	0.01	northwest
05/16/94	0.016	northwest
08/29/94	0.006	northwest
02/15/95	0.009	northwest
08/23/95	0.008	northwest
02/23/96	0.009	northwest

### 3.3 Groundwater Sampling

Groundwater samples were collected from monitoring wells MW-1 and MW-4 on February 23, 1996. After the groundwater had recovered to a minimum of approximately 80 percent of its static level, water samples were obtained using the designated disposable polyethylene bailer. Two 40 milliliter VOA vials, without headspace, were filled from the water collected from each monitoring well to be sampled.

The samples were preserved on ice and submitted to Chromalab, Inc. under chain of custody protocol. Laboratory results with chain of custody forms are attached in Appendix 2.

#### 4.0 RESULTS OF GROUNDWATER MONITORING

The samples were analyzed for TPHg and BTEX by EPA Method 8015/8020. Laboratory analytical results are summarized in Table 3 and attached in Appendix 2.

**TABLE 3 - ANALYTICAL RESULTS - GROUNDWATER**

Well No.	Date Sampled	TPHg ( $\mu\text{g/L}$ )	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethylbenzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )
MW-1	12/15/92	<50	<0.5	<0.5	<0.5	<0.5
	03/10/93	100	0.86	<0.5	<0.5	6.3
	06/23/93	6,800	2,500	1,100	100	560
	09/10/93	15,000	4,400	620	850	630
	10/25/93	---	---	---	---	---
	11/12/93	5,400	1,900	1.1	700	20
	02/16/94	69	1.5	<0.5	<0.5	3.1
	03/10/94	---	---	---	---	---
	05/16/94	520	14	1.1	9.0	8.9
	08/29/94	500	12	1.3	2.2	4.6
	02/15/95	80	1.9	<0.5	<0.5	3.6
	08/28/95	2,400	650	7.4	68	19
	02/23/96	100	7.4	<0.5	<0.5	4.3
MW-2	12/15/92	<50	<0.5	<0.5	<0.5	<0.5
	03/10/93	<50	<0.5	<0.5	<0.5	<0.5
	06/23/93	<50	<0.5	<0.5	<0.5	<0.5
	09/10/93	<50	<0.5	<0.5	<0.5	<0.5
	10/25/93	---	---	---	---	---
	11/12/93	<50	<0.5	<0.5	<0.5	<0.5
	02/16/94	---	---	---	---	---
	03/10/94	---	---	---	---	---
	05/16/94	---	---	---	---	---
	08/29/94	---	---	---	---	---
	02/15/95	---	---	---	---	---
	08/28/95	---	---	---	---	---
	02/23/96	---	---	---	---	---

Well No.	Date Sampled	TPHg ( $\mu\text{g/L}$ )	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethylbenzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )
MW-3	12/15/92	<50	<0.5	<0.5	<0.5	<0.5
	03/10/93	<50	<0.5	<0.5	<0.5	<0.5
	06/23/93	<50	<0.5	<0.5	<0.5	<0.5
	09/10/93	<50	<0.5	<0.5	<0.5	<0.5
	10/25/93	---	---	---	---	---
	11/12/93	<50	<0.5	<0.5	<0.5	<0.5
	02/16/94	---	---	---	---	---
	03/10/94	---	---	---	---	---
	05/16/94	---	---	---	---	---
	08/29/94	---	---	---	---	---
	02/15/95	---	---	---	---	---
	08/28/95	---	---	---	---	---
	02/23/96	---	---	---	---	---
MW-4	10/25/93	<50	<0.5	<0.5	<0.5	<0.5
	11/12/93	<50	<0.5	<0.5	<0.5	<0.5
	02/16/94	<50	<0.5	<0.5	<0.5	<0.5
	03/10/94	<50	<0.5	<0.5	<0.5	<0.5
	05/16/94	<50	<0.5	<0.5	<0.5	<0.5
	08/29/94	<50	<0.5	<0.5	<0.5	<0.5
	02/15/95	<50	<0.5	<0.5	<0.5	<0.5
	08/28/95	<50	<0.5	<0.5	<0.5	<0.5
	02/23/96	<50	<0.5	<0.5	<0.5	<0.5

Notes:  $\mu\text{g/L}$  = micrograms per liter (ppb)

## 5.0 DISCUSSION

Laboratory analysis of groundwater samples collected from monitoring well MW-1 indicated detectable concentrations of TPHg, benzene, and total xylenes. No concentrations above reporting limits were detected in the groundwater sample collected from monitoring well MW-4, indicating a downgradient extent of petroleum hydrocarbons. Overall results of TPHg and BTEX constituents reported in monitoring well MW-1 indicated decreasing levels of contaminants; therefore, the constituents remaining from the original tank removal are degrading and will continue to degrade and dissipate with time.

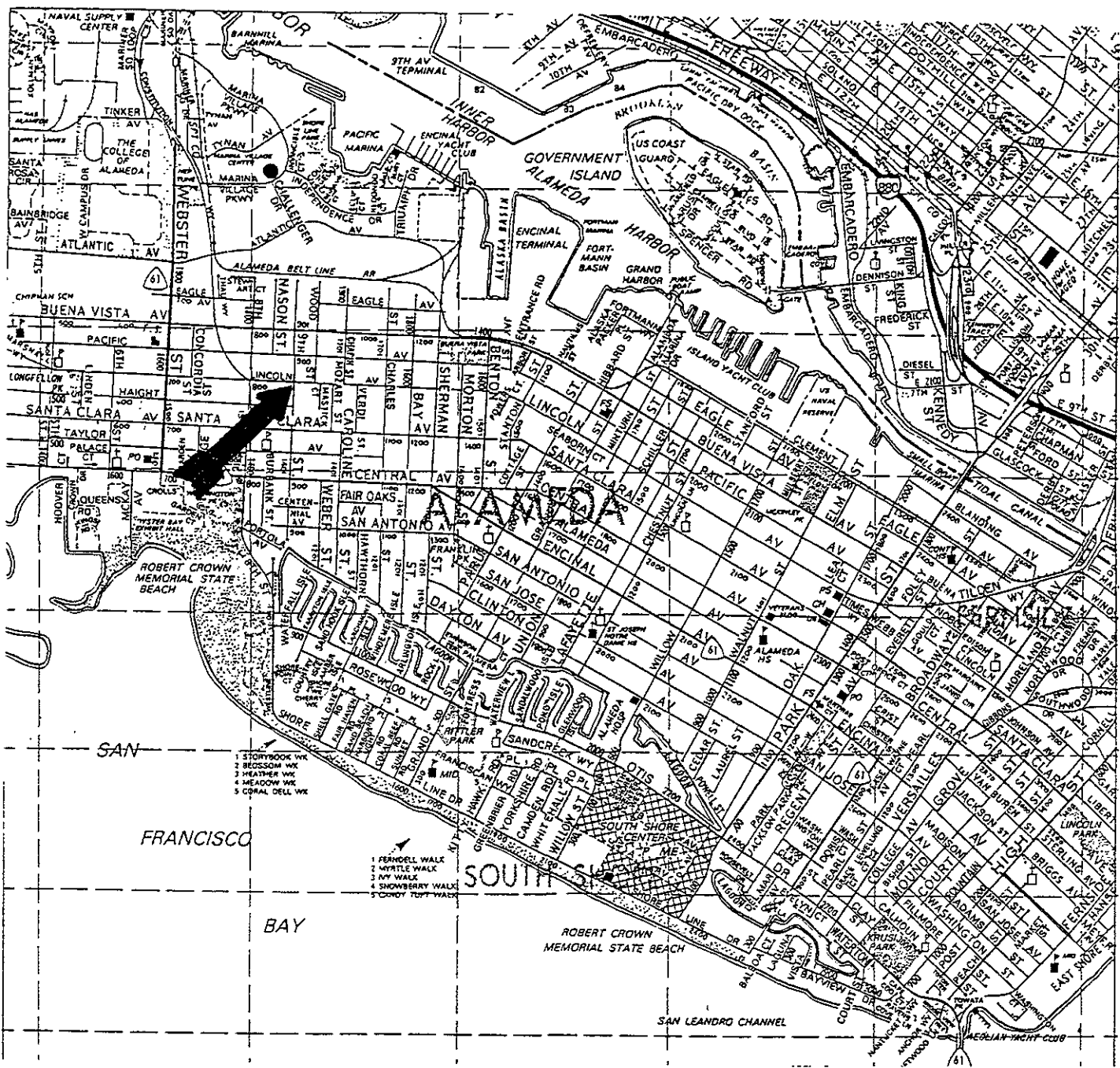
## 6.0 CONCLUSIONS AND RECOMMENDATIONS

The concentrations of TPHg and BTEX detected within samples collected from monitoring well MW-1 have decreased significantly since August 1995. Due to the natural soil makeup of this site, migration of petroleum hydrocarbons is unlikely. Based on experience with similar site conditions,

with minor petroleum hydrocarbon residues in soil overlying a shallow, poor quality aquifer, ACC believes the petroleum hydrocarbon concentrations will degrade over time. ACC feels that continued monitoring is not warranted based on the following conclusions:

- Groundwater at the site has been monitored since 1993. The concentrations of constituents have decreased significantly.
- The contaminant plume is stable, based on no reportable concentrations of constituents in monitoring well MW-4, located 50 feet downgradient of the former UST excavation.
- The concentration of benzene reported in the groundwater sample collected from monitoring well MW-1 is below RBCA Tier 1 guidelines for the exposure pathway of groundwater vapor intrusion into residential buildings, based on a  $1 \times 10^{-6}$  cancer risk.

Therefore, no significant risk to human health and the environment exists from the remnant impact around monitoring well MW-1. Concentrations within monitoring well MW-1 will continue to degrade over time.



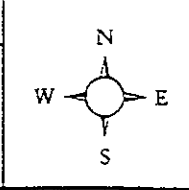
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901 Lincoln Avenue  
Alameda, California

Figure Number: 1.0      Scale: 1"=30'

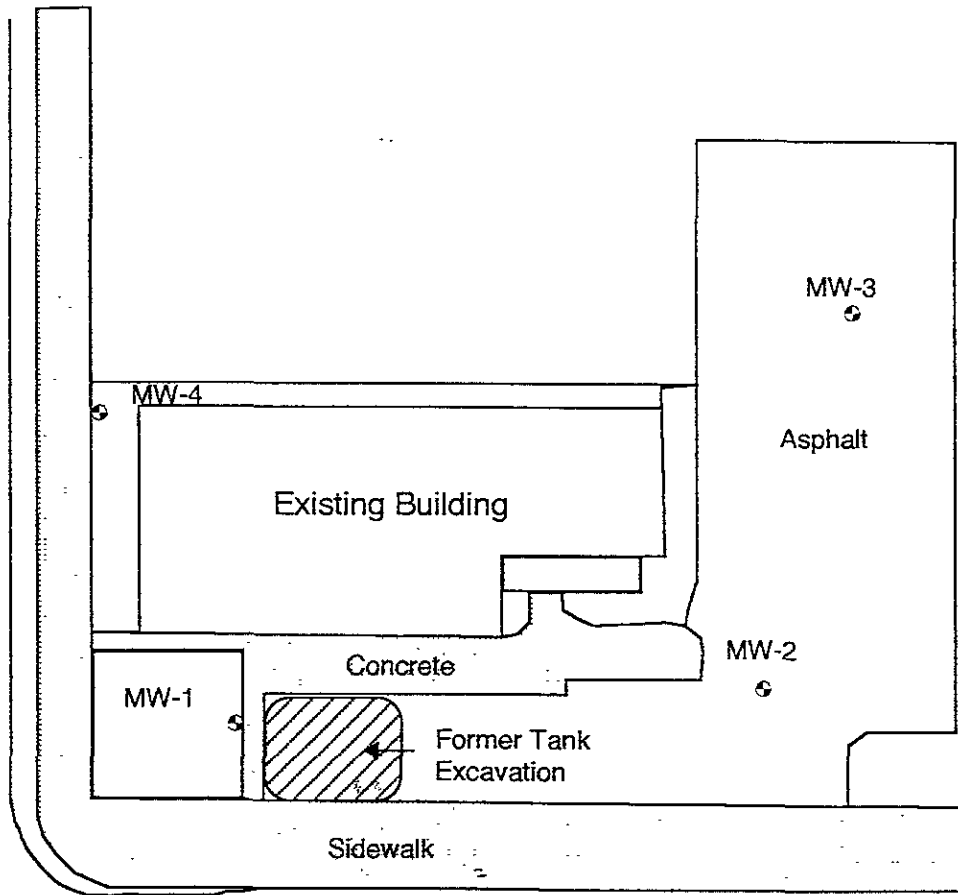
Drawn By: EFC      Date: 4/11/96

Project Number: 6039-2b

ACC Environmental Consultants  
7977 Capwell Drive, Suite 100  
Oakland, CA 94621  
(510) 638-8400 Fax: (510) 638-8404



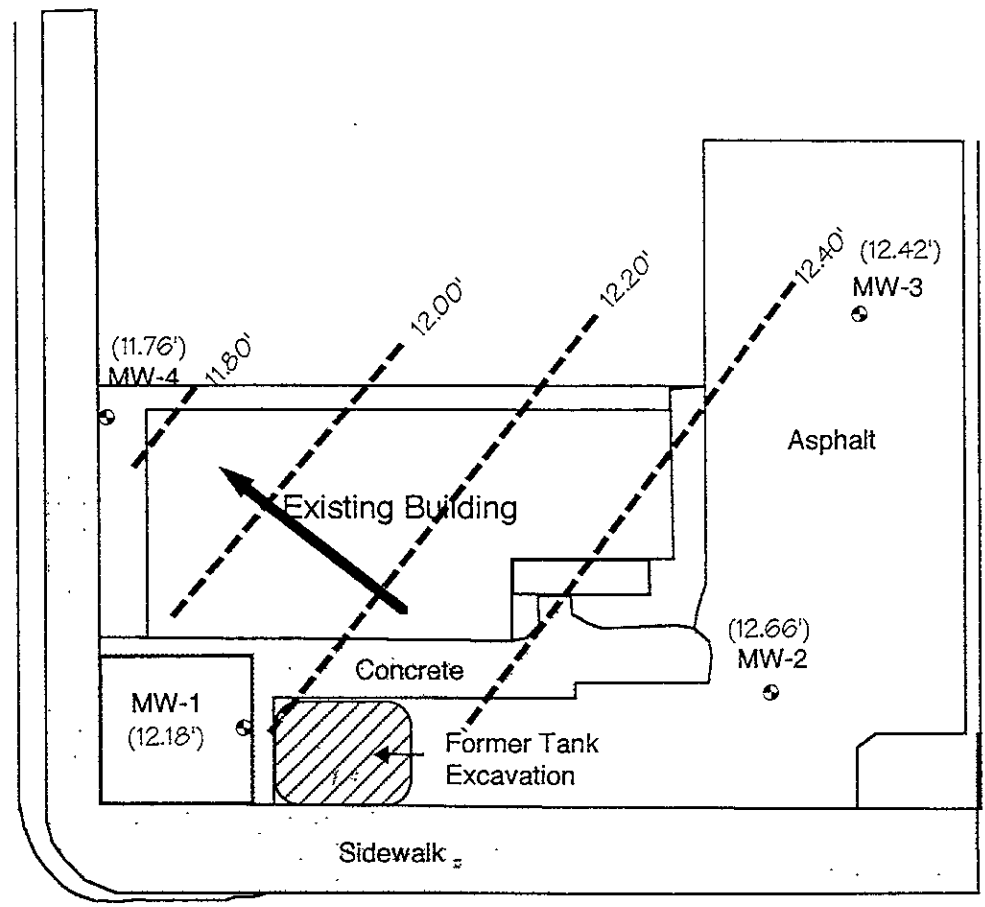
NINTH STREET



LINCOLN AVENUE

Title: <i>Site Plan</i> 901 Lincoln Avenue Alameda, California	
Figure Number: 2.0	Scale: 1"=30'
Drawn By: EFC	Date: 4/1/96
Project Number: 6039-2b	<p>N W      E S</p>
ACC Environmental Consultants 7977 Capwell Drive, Suite 100 Oakland, CA 94621 (510) 638-8400 Fax: (510) 638-8404	

NINTH STREET



LINCOLN AVENUE

**LEGEND**

- 12.20' Groundwater Contours
- ← Groundwater Flow Direction

Elevations in Feet Above Mean Sea Level  
Water Levels Measured on February 23, 1996

Title: <b>Groundwater Gradient</b> 901 Lincoln Avenue Alameda, California	
Figure Number: <b>3.0</b>	Scale: <b>1"=30'</b>
Drawn By: <b>EFC</b>	Date: <b>4/1/96</b>
Project Number: <b>6039-2b</b>	
ACC Environmental Consultants 7977 Capwell Drive, Suite 100 Oakland, CA 94621 (510) 638-8400 Fax: (510) 638-8404	



**WELL MONITORING WORKSHEET**

JOB NAME: EZ LIQUORS #2	PURGE METHOD: MANUAL BAILING
SITE ADDRESS: 901 LINCOLN AVE	SAMPLED BY: J. CONKLIN
JOB #: 6039-26	LABORATORY: CHROMALAB
DATE: 2/23/96	ANALYSIS: TPH-GAS, BTEX
Onsite Drum Inventory SOIL: . . .	MONITORING <input checked="" type="checkbox"/> DEVELOPING <input type="checkbox"/>
EMPTY: WATER: 1-	SAMPLING <input checked="" type="checkbox"/>

	PURGE	HYDAG READINGS				OBSERVATIONS
	VOLUME					
WELL: MW-1	(Gal)	pH	Temp. (F)	Cond. un/cm	<input type="checkbox"/>	Froth
DEPTH OF BORING: 13.95'	1.1	12.29	67.3	573	<input type="checkbox"/>	Sheen
DEPTH TO WATER: 6.81'	2.2	12.43	66.5	587	<input type="checkbox"/>	Odor Type _____
WATER COLUMN: 7.14'	3.3	12.31	66.1	616	<input type="checkbox"/>	Free Product
WELL DIAMETER: 2"	↓				<input type="checkbox"/>	Amount _____ Type _____
WELL VOLUME: ≈ 1.1 gal					<input type="checkbox"/>	Other
COMMENTS:						
	4.4	12.30	66.1	615		
WELL: MW-2	(Gal)	pH	Temp. (F)	Cond. un/cm	<input type="checkbox"/>	Froth
DEPTH OF BORING: 16.05'					<input type="checkbox"/>	Sheen
DEPTH TO WATER: 6.37'					<input type="checkbox"/>	Odor Type _____
WATER COLUMN: 9.68'					<input type="checkbox"/>	Free Product
WELL DIAMETER: 2"					<input type="checkbox"/>	Amount _____ Type _____
WELL VOLUME:					<input type="checkbox"/>	Other
COMMENTS:						
WELL: MW-3	(Gal)	pH	Temp. (F)	Cond. un/cm	<input type="checkbox"/>	Froth
DEPTH OF BORING: 17.15'					<input type="checkbox"/>	Sheen
DEPTH TO WATER: 6.93'					<input type="checkbox"/>	Odor Type _____
WATER COLUMN: 10.22'					<input type="checkbox"/>	Free Product
WELL DIAMETER: 2"					<input type="checkbox"/>	Amount _____ Type _____
WELL VOLUME:					<input type="checkbox"/>	Other
COMMENTS:						

JOB NAME: EZ LIQUORS #2	PURGE METHOD: M. BAILING
SITE ADDRESS: 901 LINCOLN AVE	SAMPLED BY: J. CONKLIN
JOB #: 6039-2b	LABORATORY: CHROMALAB
DATE: 2/23/96	ANALYSIS: TPH-GAS, BTEX
Onsite Drum Inventory SOIL: _____	MONITORING <input checked="" type="checkbox"/> DEVELOPING <input type="checkbox"/>
EMPTY: WATER: _____	SAMPLING <input checked="" type="checkbox"/>

	PURGE VOLUME	HYDAG READINGS				OBSERVATIONS
	(Gal)	pH	Temp. (F)	Cond. un/cm		
WELL: MW-4					<input type="checkbox"/> Froth	
DEPTH OF BORING: 18.96'	2.0	11.14	68.3	474	<input type="checkbox"/> Sheen	
DEPTH TO WATER: 6.75'	4.0	11.60	67.7	563	<input type="checkbox"/> Odor Type _____	
WATER COLUMN: 12.21'	6.0	11.81	66.8	624	<input type="checkbox"/> Free Product	
WELL DIAMETER: 2"					Amount _____ Type _____	
WELL VOLUME: ≈ 2.0 gal					<input type="checkbox"/> Other	
COMMENTS:						
	8.0	11.80	66.5	625		
WELL:	(Gal)	pH	Temp. (F)	Cond. un/cm	<input type="checkbox"/> Froth	
DEPTH OF BORING:					<input type="checkbox"/> Sheen	
DEPTH TO WATER:					<input type="checkbox"/> Odor Type _____	
WATER COLUMN:					<input type="checkbox"/> Free Product	
WELL DIAMETER:					Amount _____ Type _____	
WELL VOLUME:					<input type="checkbox"/> Other	
COMMENTS:						
WELL:	(Gal)	pH	Temp. (F)	Cond. un/cm	<input type="checkbox"/> Froth	
DEPTH OF BORING:					<input type="checkbox"/> Sheen	
DEPTH TO WATER:					<input type="checkbox"/> Odor Type _____	
WATER COLUMN:					<input type="checkbox"/> Free Product	
WELL DIAMETER:					Amount _____ Type _____	
WELL VOLUME:					<input type="checkbox"/> Other	
COMMENTS:						

**ANALYTICAL RESULTS  
AND  
CHAIN OF CUSTODY RECORD**

# CHROMALAB, INC.

Environmental Services (SDB)

March 5, 1996

Submission #: 9602642

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider

Project: 901 LINCOLN

Project#: 6039-2B

Received: February 27, 1996

re: 2 samples for Gasoline and BTEX compounds analysis.


Method: EPA 5030/8015M/8020


Matrix: WATER

Sampled: February 23, 1996 Run#: 758

Analyzed: March 1, 1996

Spl#	CLIENT SPL ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
79722	MW-1	100	7.4	N.D.	N.D.	4.3
79723	MW-4	N.D.	N.D.	N.D.	N.D.	N.D.
Reporting Limits		50	0.50	0.50	0.50	0.50
Blank Result		N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)		100	110	110	114	110

  
June Zhao  
Chemist

  
Marianne Alexander  
Gas/BTEX Supervisor



642/79722-79723

# CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

SUBM #: 9602642 REP:  
 CLIENT: ACC  
 DUE: 03/05/96  
 REF #: 26639

26639

## Chain of Custody

DATE 2/23/96 PAGE 1 OF 1

### ANALYSIS REPORT

PROJ MGR M. KALTREIDER  
 COMPANY ACC Environmental Consultants  
 ADDRESS 7977 Capwell Drive, Suite 100  
 Oakland, California 94621

SAMPLERS (SIGNATURE) John Conklin  
 (PHONE NO.) (510) 638-8400  
 (FAX NO.) (510) 638-8404

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.
MW-1	2/23/96	10 AM	H <sub>2</sub> O	COOL
MW-4	"	"	"	"

TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURCEABLE AROMATICS BTEX (EPA 602, 8020)	PURCEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+F, 5+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (ICLP, STLC)	NUMBER OF CONTAINERS
	X															3
	X															3

PROJECT INFORMATION		SAMPLE RECEIPT			
PROJECT NAME <u>901 LINCOLN</u>	TOTAL NO. OF CONTAINERS <u>6</u>				
PROJECT NUMBER <u>6039-2b</u>	HEAD SPACE				
P.O.# <u>6039-2b</u>	REC'D GOOD CONDITION/COLD				
TAT <u>STANDARD 5-DAY</u>	CONFORMS TO RECORD	24	48	72	OTHER

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
<u>John Conklin</u> (SIGNATURE) (TIME)		<u>[Signature]</u> 1830 (TIME)
<u>JOHN CONKLIN</u> (PRINTED NAME) (DATE)		<u>B. Morrow 2/27/96</u> (DATE)
<u>ACC ENVIRONMENTAL</u> (COMPANY)		<u>Chromalab</u> (COMPANY)
RECEIVED BY 1.	RECEIVED BY (LABORATORY) 2.	RECEIVED BY (LABORATORY) 3.
<u>[Signature]</u> 1941 (TIME)		<u>Mirna Pak</u> 1830 (TIME)
<u>B. Morrow 2/27/96</u> (DATE)		<u>Mirna Pak 2/27/96</u> (DATE)
		<u>Chromalab</u>

SPECIAL INSTRUCTIONS/COMMENTS: