A·C·C
ENVIRONMENTAL
CONSULTANTS

March 30, 1994

ALCO
HAZMAT
94 APR -4 PM 12:50

Mr. Steve Chrissanthos
Alameda Cellars
1702 Lincoln Avenue
Alameda, CA 94501

RE: Quarterly Groundwater Sampling
901 Lincoln Avenue, Alameda, California

Dear Mr. Chrissanthos:

The attached report describes the materials and procedures used during groundwater sampling of the monitoring wells located at 901 Lincoln Avenue, Alameda, California.

This work was performed to evaluate the presence or absence of residual hydrocarbon concentrations in groundwater by obtaining samples from existing four monitoring wells on-site.

Groundwater samples obtained from each monitoring well 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 non-detectable concentrations in monitoring wells MW-2, MW-3 and MW-4. Sample analysis results from monitoring well MW-1 indicated detectable levels of Total Petroleum Hydrocarbons (TPH) as gasoline and Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

If you have any comments regarding this report, please call me.

Sincerely,

Misty C. Kaltreider
Geologist

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

1000 Atlantic Avenue, Suite 110 • Alameda, CA 94501 • (510) 522-8188 • FAX: (510) 865-5731

A·C·C
ENVIRONMENTAL
CONSULTANTS

INSTALLATION OF ADDITIONAL MONITORING WELL AND QUARTERLY GROUNDWATER SAMPLING

901 LINCOLN AVENUE
ALAMEDA, CALIFORNIA

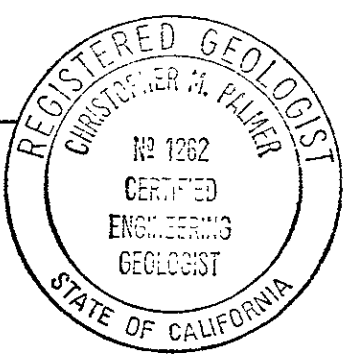
March 1994

Prepared for:
Mr. Steve Chrissanthos
Alameda Cellars
1702 Lincoln Avenue
Alameda, CA 94501

Prepared by:

Prepared by: _____
Misty Kaltreider
Project Geologist

Reviewed by: _____
Christopher M. Palmer, CEG #1262
Certified Engineering Geologist



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A·C·C ENVIRONMENTAL CONSULTANTS

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ATTACHMENTS

1.0 INTRODUCTION

This report presents the procedures and findings of quarterly groundwater sampling conducted by ACC Environmental Consultants, Inc., ("ACC") on behalf of Mr. Steve Chrissanthos and Alameda Cellars, site owner at 901 Lincoln Avenue, Alameda, California. The project objective is to evaluate extent of petroleum hydrocarbons in the groundwater by obtaining samples from the existing monitoring wells.

2.0 BACKGROUND

The site is presently occupied by E-Z Liquors, a commercial liquor store. The property is owned by Mr. Steve Chrissanthos. In March, 1990, two 10,000-gallon gasoline tanks and one 2,000-gallon diesel tank were removed from the above referenced site. Analysis of the soil samples collected from beneath the two gasoline tanks indicated up to 710 parts per million (ppm) of Total Petroleum Hydrocarbons (TPH) as gasoline. Soil samples collected from beneath the diesel tank indicated less than detectable levels of TPH as diesel.

Per request of Alameda County Health Care Services - Hazardous Materials Division, a preliminary Site Assessment was conducted to further evaluate the soil contamination from the gasoline release on-site.

ACC was retained by Mr. Chrissanthos to perform the work requested by the Alameda County Health Care Services.

In December 4, 1992, three monitoring wells were installed on-site. Analytical results of soil collected during drilling indicated 55.96 parts per million (ppm) of TPH as gasoline with benzene, toluene, ethylbenzene, and total xylenes (BTEX) from monitoring well MW-1. Soil samples collected from the other borings indicated constituents below detectable levels.

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 on 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 hydrocarbon constituents in the soil. It was concluded that 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. Laboratory analysis of soil samples collected during drilling indicated below detectable levels of constituents.

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. Detectable levels of TPH as gasoline with BTEX was reported in the groundwater sample from monitoring well MW-1. Laboratory results of groundwater collected from monitoring wells MW-2 and MW-3 indicated non-detect for five consecutive quarters.

In December 1993, Alameda County Health Care Services Agency approved a reduction in groundwater sampling on-site. The revised groundwater sampling and monitoring program included performing monitoring on all four wells on-site and collecting groundwater samples from only monitoring wells MW-1 and MW-4. Groundwater samples from these wells will be analyzed for TPH as gasoline with BTEX.

3.0 PROCEDURES

3.2 Groundwater Sampling

Groundwater samples were collected from monitoring wells MW-1 and MW-4 on February 16, 1994. The samples collected from monitoring well MW-4 were believed to be mislabeled therefore, additional groundwater samples were collected from monitoring well MW-4 on March 10, 1994. Prior to groundwater monitoring the depth to the surface of the water table was measured from the top of the PVC 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

Date Sampled	Depth to Groundwater (ft)	Groundwater Elevation (ft)
Well No. MW-1 - 18.99 MSL		
12/15/92	10.27	8.72
01/06/93	8.67	
02/09/93	6.98	12.01
03/10/93	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
Well No. MW-2 - 19.03 MSL		
12/15/92	10.14	8.89
01/06/93	8.50	10.53
02/09/93	6.66	12.37
03/10/93	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
10/25/95	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

TABLE 1 - Groundwater Depth Information, Cont.

Date Sampled	Depth to Groundwater (ft)	Groundwater Elevation (ft)
Well No. MW-3 - 19.35 MSL		
12/15/92	10.44	8.91
01/06/93	8.91	10.44
02/09/93	7.26	12.09
03/10/93	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
Well No. MW-4 - 18.51 MSL		
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

Notes: All measurements in feet
MSL = Mean Sea Level

During sampling, after water-level measurements were taken, each on-site well was purged by hand using a designated disposable Teflon 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 C.

After the groundwater had recovered to a minimum of approximately 80 percent of its static level, water samples were obtained using the designated disposable Teflon bailer. Two 40 ml VOA vials, without headspace, were filled from the water collected from each monitoring well.

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 D.

4.0 FINDINGS

4.1 Analytical Results - Groundwater

Groundwater samples were collected from monitoring wells MW-1 and MW-4 on February 16, 1994. The samples collected from monitoring well MW-4 were believed to be mislabeled therefore, additional groundwater samples were collected from monitoring well MW-4 on March 10, 1994. The samples collected were submitted to ChromaLab for analysis for TPH as gasoline by EPA test method 5030 and BTEX by EPA test method 602. Analysis results from the groundwater samples are illustrated in Table 2. Copies of the analytical results are attached in Appendix B.

TABLE 2 - Analytical Results, Groundwater

Well Number	Date Sampled	TPH-gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/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	NT	NT	NT	NT	NT
	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	NT	NT	NT	NT	NT
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	NT	NT	NT	NT	NT
	11/12/93	<50	<0.5	<0.5	<0.5	<0.5
	02/16/94	NT	NT	NT	NT	NT
	03/10/94	NT	NT	NT	NT	NT
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	NT	NT	NT	NT	NT
	11/12/93	<50	<0.5	<0.5	<0.5	<0.5
	02/16/94	NT	NT	NT	NT	NT
	03/10/94	NT	NT	NT	NT	NT
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	----	----	----	----	----
	03/10/94	<50	<0.5	<0.5	<0.5	<0.5

Notes: * Sample mislabeled and not believed to be MW-4
ug/L = micrograms per liter (ppb); NT = not tested

4.2 Groundwater Gradient

Prior to calculating the groundwater gradient, elevations for the on-site monitoring wells were surveyed by Ron Archer Civil Engineer, Inc. to an accuracy of one-hundredth of a foot. The well elevation was surveyed at the top of the PVC well casing. The elevations of the monitoring wells were established relative to a nearby benchmark located in the curb on the northwest corner of the intersection of Ninth Street and Pacific Avenue in Alameda, California.

The groundwater gradient was calculated using measurements from the on-site monitoring wells. The location of the wells is shown in Figure 1 - Site Plan.

Groundwater elevations were taken from the wells on February 16 and March 10, 1993 and are illustrated on Figures 2 and 3, respectively. The gradient was evaluated by triangulation using the elevation of the potentiometric surface measured with respect to Mean Sea Level datum.

Table 3 summarizes the historic groundwater gradient and the direction of groundwater flow on-site.

TABLE 3 - Historic Groundwater Gradient

Date Monitored	Gradient (foot/foot)	Direction
12/15/92	0.00175	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	0.0064	northwest
08/10/93	0.0064	northwest
09/10/93	0.0064	northwest
10/25/93	0.0071	northwest
11/12/93	0.0056	northwest
02/16/94	0.01	northwest
03/10/94	0.01	northwest

5.0 CONCLUSION

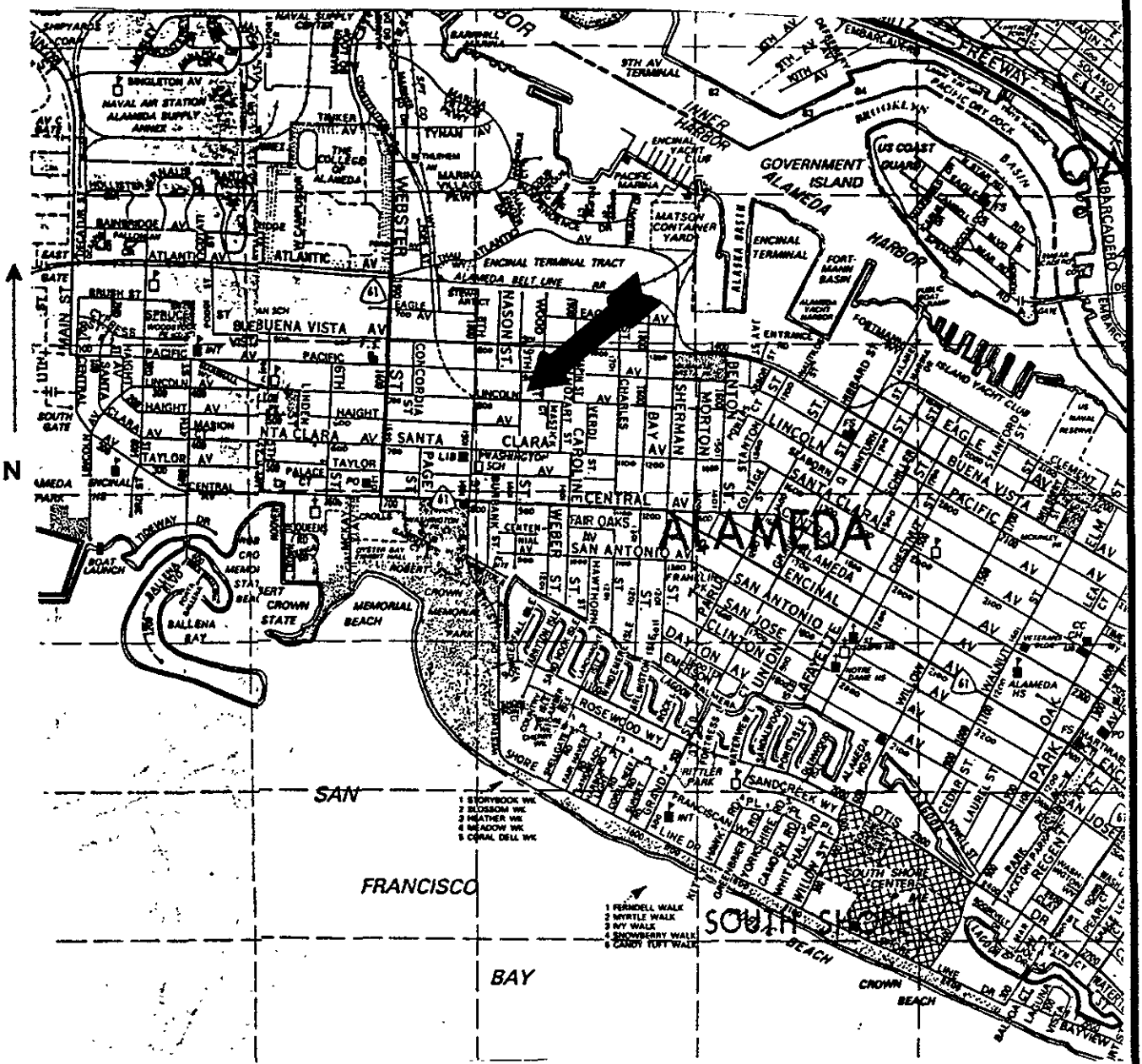
The data and observations discussed herein indicate that groundwater and soil has been impacted due to an unauthorized hydrocarbon release. In December 1992, low levels of Total Petroleum Hydrocarbons (TPH) as gasoline with BTEX were found in the soil sample collected at 11 feet bgs from boring MW-1. Soil staining was also observed in the same boring from 8 to 13 feet below ground surface. Initial sampling and analysis of the groundwater in December 1992 indicated no release had occurred to impact groundwater.

Further soil investigation performed in February 1993, indicated hydrocarbon impact on-site is limited to soil around monitoring well MW-1.

An additional monitoring well (MW-4) was installed in October 1993. This well was located downgradient (northwest) of the former tank excavation to evaluate the extent of groundwater contaminate plume. Laboratory analysis of soil and groundwater samples collected from monitoring well MW-4 indicated below detectable levels of constituents.

Since December substantial rainfall has increased the elevation of the groundwater. Contaminated soil adjacent to monitoring well MW-1 apparently has come into contact with the fluctuating groundwater. In our opinion, this represents residual contamination since data from the new well shows soil and groundwater is not contaminated. Historic observations indicate that this contamination is not mobile and ACC anticipates a decline in concentrations overtime.

Pursuant to the Tri-Regional Board guidelines, ACC proposes to perform groundwater monitoring on a quarterly basis and include all four on-site monitoring wells. Groundwater sampling and chemical analysis will continue on a quarterly basis on monitoring wells MW-1 and MW-4. Potentiometric measurements will continue to be made in all four wells.

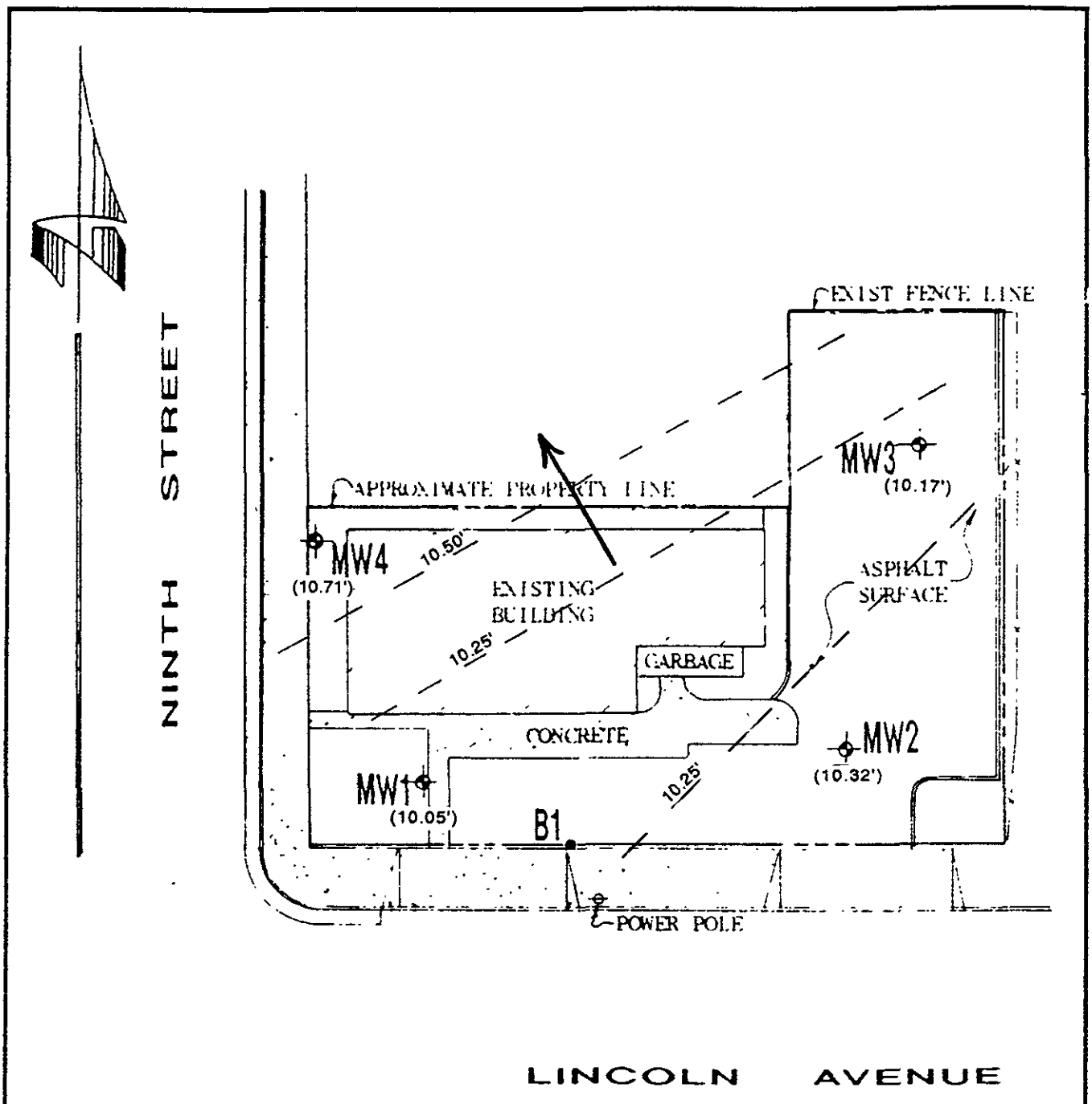


(Source: Thomas Bros.)

Vicinity Map

Scale: 1" = 2200'

ACC Environmental Consultants, Inc. 1000 Atlantic Avenue, Suite 110 Alameda, California 94501		Vicinity Map 901 Lincoln Ave. Alameda, California	
Project No. 6039-2b	Date: 7/16/93	Dn by: CS	Figure 1

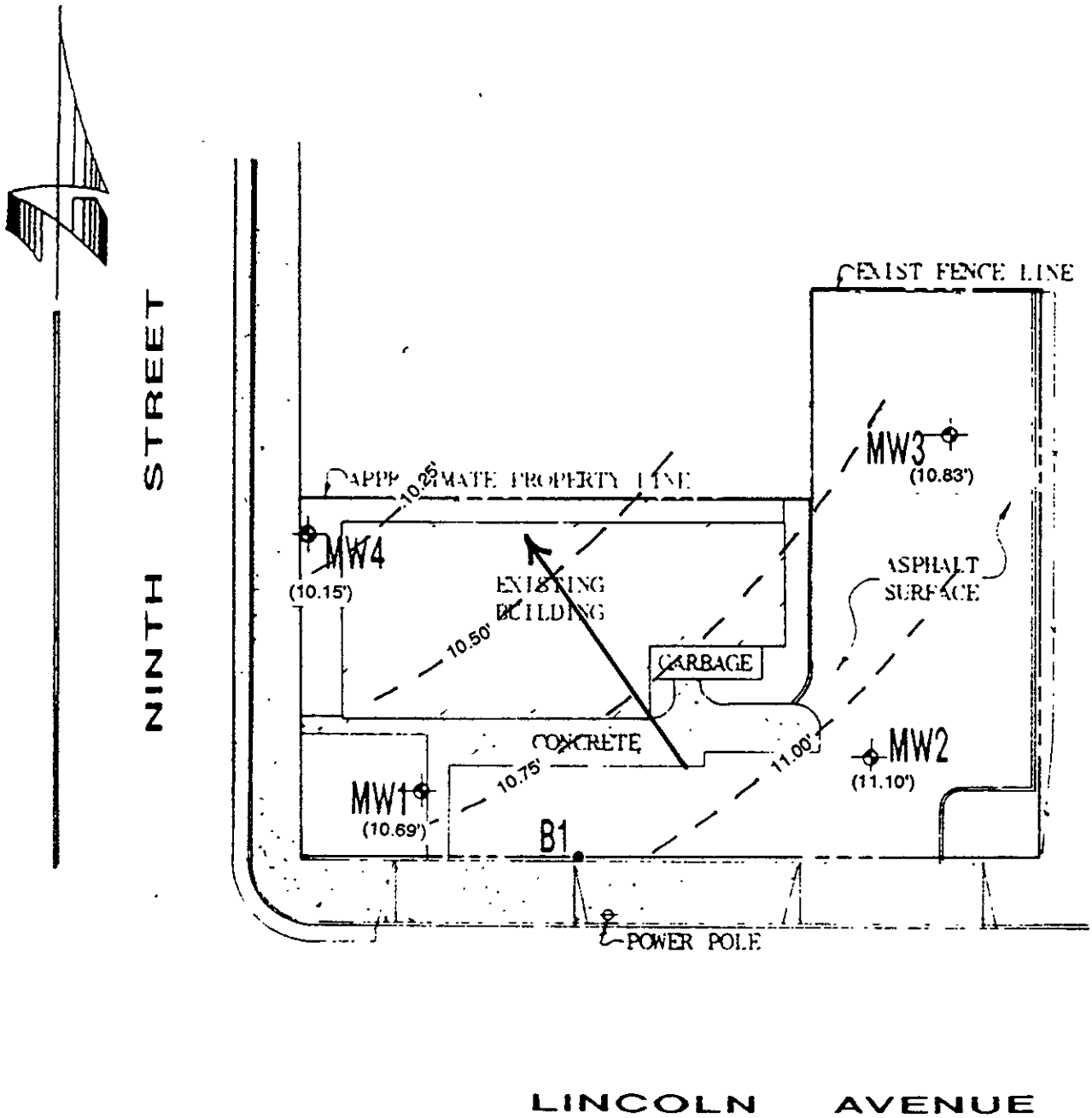


Scale: 1" = 30"

0 15 30 45

Elevations in Feet Above Mean Sea Level

ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501	JOB NO: 6039-2b	Figure 2: Groundwater Gradient
	DATE: 02/16/94	901 Lincoln Alameda, California



Scale: 1" = 30"

0 15 30 45

Elevations in Feet Above Mean Sea Level

ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501	JOB NO: 6039-2b	Figure 3: Groundwater Gradient
	DATE: 03/10/94	901 Lincoln Alameda, California

APPENDIX A

Well Sampling [✓] Well Development [ ] check one

Well Number: MW1

Job Number: 6039-26

Job Name: 901 Lincoln

Date: 2.16.94

Sampler: B. Colbert

Depth to Water (measured from TOC): 8.94'

Inside Diameter of Casing: 2"

Depth of Boring: 14.2'

Method of well development/purging: Bailing

Amount of Water Bailed/Pumped from well: 5

Depth to Water after well development: —

Depth to water prior to sampling: 10.3'

Bailed water stored on-site ? How ? Drum

Number of well volumes removed: 5

TSP wash, distilled rinse, new rope ? New

Water Appearance:

	yes	no
froth		✓
irridesence		✓
oil		✓
smell		✓
product		✓
other, describe		✓

Gallons Removed	pH	EC	Temp
5	[illegible]	246	64.0
10	7.0	3.39	64.7
15	7.01	3.37	64.7
20	7.30	3.37	64.9
25	7.30	3.36	65.0
30			
35			
40			
45			
50			

Samples Obtained:

TPH (gasoline)	✓
TPH (diesel)	
TPH (motor oil)	✓
BTXE	✓
EPA 624	
EPA 625	
EPA 608	
PCBs only	
Metals	
Other, specify	
Field Blank	

Well Sampling [✓] Well Development [ ] check one

Well Number: MW4

Job Number: 6039-26

Job Name: 901 Lincoln

Date: 2-16-94

Sampler: Gilbert Stallon

Depth to Water (measured from TOC): 7.80

Inside Diameter of Casing: 2"

Depth of Boring: 19.55 ft

Method of well development/purging: Bailing

Amount of Water Bailed/Pumped from well: 8 gallons

Depth to Water after well development: /

Depth to water prior to sampling: 8.97

Bailed water stored on-site ? How ? Drums

Number of well volumes removed: 8 gallons

TSP wash, distilled rinse, new rope ? New Rope

Water Appearance:

	yes	no
froth		✓
irridesence		✓
oil		✓
smell		✓
product		✓
other, describe		✓

Gallons Removed	pH	EC	Temp
5	7.6	6.23	62.4
10	7.50	6.15	62.9
15	7.3	6.15	62.9
20	7.32	6.14	63.1
25	7.34	6.14	63.2
30	7.30	6.14	63.0
35			
40			
45			
50			

Samples Obtained:

TPH (gasoline)	✓
TPH (diesel)	
TPH (motor oil)	
BTXE	✓
EPA 624	
EPA 625	
EPA 608	
PCBs only	
Metals	
Other, specify	
Field Blank	

Well Sampling [✓] Well Development [ ] check one

Well Number: MW4

Job Number: 6039-2

Job Name: 901 Lincoln

Date: 3-10-94

Sampler: BC

Depth to Water (measured from TOC): 8.36'

Inside Diameter of Casing: 2"

Depth of Boring: 19.94'

Method of well development/purging: Bail

Amount of Water Bailed/Pumped from well: 8 gallons

Depth to Water after well development: —

Depth to water prior to sampling: 8.46'

Bailed water stored on-site ? How ? 55 g Drum

Number of well volumes removed: 4

TSP wash, distilled rinse, new rope ? New

Water Appearance:

	yes	no
froth		✓
irridesence		✓
oil		✓
smell		✓
product		✓
other, describe		✓

Gallons Removed	pH	EC	Temp
5	7.53	6.22	61.9
10	7.40	6.21	61.7
15	7.39	6.21	61.8
20	7.36	6.21	61.8
25	7.35	6.22	61.8
30			
35			
40			
45			
50			

Samples Obtained:

TPH (gasoline)	✓
TPH (diesel)	
TPH (motor oil)	
BTXE	✓
EPA 624	
EPA 625	
EPA 608	
PCBs only	
Metals	
Other, specify	
Field Blank	

APPENDIX B

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

February 25, 1994 ChromaLab File#: 9402236

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider

Project: 901 LINCOLN **Project#:** 6039-2b
Submitted: February 17, 1994

re: 2 samples for Gasoline and BTEX analysis.

Matrix: WATER
Sampled on: February 16, 1994 *Analyzed on:* February 18, 1994
Method: EPA 5030/8015/602 *Run#:* 2286

Lab # SAMPLE ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
44027 MW1	69	1.5	N.D.	N.D.	3.1
44028 MW4	1300	97	24	23	120
DETECTION LIMITS	50	0.5	0.5	0.5	0.5
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	100	97	107	102	107

ChromaLab, Inc.

Jack Kelly
Chemist

Eric Tam
Laboratory Director

LIMS

2239 Omega Road,#1 • San Ramon, California 94583
(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHROMALAB, INC.

DOHS 1094

SUBM #: 9402236
CLIENT: ACC
223 DUE: 02/25/94
REF: 15236

Chain of Custody

DATE Feb 16, 1994 PAGE 1 OF 1

PROJ. MGR. KALTREIDER
COMPANY ACC ENVIRONMENTAL
ADDRESS 1000 Atlantic Ave
Alameda, CA 94501
SAMPLERS (SIGNATURE) (510) 522-8188 (PHONE NO.)
Bret Culbert

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)		METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
MW 1	2-16-94	11 am	water	cold		✓																			3
MW 4	2-16-94	11 am	H_2O	cold		✓																			3

PROJECT INFORMATION

PROJECT NAME: 901 Lincoln
PROJECT NUMBER: 6039-26
P.O. # 6039-26
TAT: STANDARD 5-DAY | | | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	8
HEAD SPACE	
REC'D GOOD CONDITION/COLD	
CONFORMS TO RECORD	

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
Bret Culbert 5 PM (SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
BRET CULBERT 2-16-94 (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
ACC Environmental (COMPANY)	(COMPANY)	(COMPANY)

RECEIVED BY 1	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY)	(COMPANY)	(LAB)

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

March 11, 1994 ChromaLab File#: 9403158

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider

Project: 901 LINCOLN **Project#:** 6039-2b
Submitted: March 10, 1994

re: 1 sample for Gasoline and BTEX analysis.

Matrix: WATER
Sampled on: March 10, 1994 *Analyzed on:* March 10, 1994
Method: EPA 5030/8015/602 *Run#:* 2434

Lab # SAMPLE ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
46024 MW-4	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS	50	0.5	0.5	0.5	0.5
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	85	104	116	106	105

ChromaLab, Inc.

Jack Kelly
Chemist

Eric Tam
Laboratory Director

2239 Omega Road,#1 • San Ramon, California 94583
(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CLIENT: ACC
DUE: 03/11/94
REF: 15516

CHROMALAB, INC.

DOHS 1094

2239 Omega Road, #D, San Ramon, California 94
510/831-1798 • Facsimile 510/831-8798

y

DATE 3/10/94 PAGE 1 OF 1

PROJ. MGR. Misty Kaltreider
COMPANY ACC Environmental
ADDRESS 1000 Atlantic Ave, Suite 110
Alameda, CA 94501

SAMPLERS (SIGNATURE) Bret Culbert
(510)522-8188 (PHONE NO.)

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)		METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
MW-4	3/10/94	11:00am	H_2O	Cold		X																			3

PROJECT INFORMATION

PROJECT NAME: 901 Lincoln
PROJECT NUMBER: 10039-2b
P.O. # 10039-2b

SAMPLE RECEIPT

TOTAL NO OF CONTAINERS	3
HEAD SPACE	
REC'D GOOD CONDITION/COLD	
CONFORMS TO RECORD	

TAT: STANDARD 5-DAY | | | (24) | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:
Rush.

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
Bret Culbert 11 am (SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
BRET CULBERT 3.10.94 (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
ACC Environmental Consulting (COMPANY)	(COMPANY)	(COMPANY)
RECEIVED BY 1	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3.**
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) 11.55 (TIME)
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) 3-10-94 (DATE)
(COMPANY)	(COMPANY)	(LAB)