A·C·C
ENVIRONMENTAL
CONSULTANTS

July 5, 1995

Mr. Len Goode
Ron Goode Toyota
1825 Park Street
Alameda, CA 94501

RE: Report on Quarterly Groundwater Monitoring
1825 Park Street, Alameda, California
Project No. 94-6089-1.1

Dear Mr. Goode:

Enclosed, please find three (3) copies of the Quarterly Groundwater Monitoring report for the above-referenced site. ACC recommends that a copy of this report be submitted to the following agency in a timely manner:

Ms. Juliet Shin
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, #250
Alameda, California 94502-6577

The San Francisco Bay Regional Water Quality Control Board does not need to be informed about activity at the site at this time.

If you have any comments regarding this report, please call me at (510) 522-8188.

Sincerely,

David DeMent, RG
Project Manager

cc: Files

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

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ENVIRONMENTAL
CONSULTANTS

LETTER REPORT
QUARTERLY GROUNDWATER MONITORING
AT
1825 PARK STREET
ALAMEDA, CALIFORNIA

June 1995
Job Number 94-6089-1.1

Prepared for:

Ron Goode Toyota
1825 Park Street
Alameda, California

Prepared by: _____
Misty C. Kaltreider
Project Geologist

Reviewed by: _____
David R. DeMent, RG #5874
Senior Project Geologist

REGISTERED GEOLOGIST
DAVID R. DEMENT
NO. 5874
STATE OF CALIFORNIA

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

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QUARTERLY GROUNDWATER MONITORING
at
1825 Park Street
Alameda, California

1.0 Introduction

This report presents the procedures and findings of quarterly groundwater monitoring conducted by ACC Environmental Consultants, Inc. (ACC), on behalf of Mr. Len Goode, President of Ron Goode Toyota, 1825 Park Avenue, Alameda, California. The project objective, as described in the Consulting Services Agreement prepared on November 15, 1994, was to evaluate current groundwater conditions at the property by sampling existing groundwater monitoring wells.

The property is located in the northwestern corner of the intersection of Park and Clement Streets in Alameda, California and is currently being operated at an automobile dealership and showroom (Figure 1).

2.0 Background

Two underground storage tanks were removed from the site by Zaccor Corporation on December 27, 1990. One 300-gallon waste oil tank was located in the main building near the south exterior wall (Figure 2). Both tanks were constructed of single-walled steel. During removal, the waste oil tank was observed to have several holes near the bottom. The second 550-gallon gasoline tank was located outside the building. During removal, no holes were observed in the gasoline tank. Analytical results of soil samples collected from the waste oil tank excavation indicated detectable levels of total oil and grease and Total Petroleum Hydrocarbons as diesel (TPHd) and Total Petroleum Hydrocarbons as gasoline (TPHg). Soil samples collected from the gasoline tank excavation indicated below detectable levels of TPHg.

On March 21 and April 11, 1991, a field program was conducted by Environmental Bio-Systems, Inc., under contract with Zaccor Corporation, to evaluate the horizontal and vertical extent of hydrocarbon impact in subsurface soil. Sixty-four (64) hand augured borings were advanced and field conditions described. Forty-one (41) soil samples were collected of which fourteen (14) samples were submitted for analysis. The extent of soil and groundwater impact was not defined. Concentrations of TPHg varied from below detection limits to a maximum of 1,900 parts per million (ppm). Total oil and grease concentrations varied from below the detection limit to 380 ppm.

On November 8, 1991, three groundwater monitoring wells were installed on and adjacent to the property by Environmental Bio-Systems. The approximate locations of monitoring wells are illustrated in Figure 2. Analytical results of soil samples collected during drilling MW-1 and MW-2 indicated TPH as gasoline concentrations below detection limits. Analysis of soil collected from monitoring well MW-3 indicated 250 ppm of TPHg.

On November 18, 1991, the wells were developed and sampled by Environmental Bio-Systems. Analytical results of groundwater collected from monitoring wells indicated below detection levels of TPHg with benzene, toluene, ethylbenzene and total xylenes (BTEX). A maximum of 4.0 ppm total oil and grease was reported in the groundwater sample from MW-1. Analysis of groundwater collected in subsequent sampling events has indicated decreasing amounts of dissolved total oil and grease. Samples collected in February 4, 1993 contained below detectable levels of hydrocarbon constituents.

In April 1993 ACC performed a soil and groundwater investigation to help determine the onsite vertical and lateral extent impact of petroleum hydrocarbons in order to provide remediation options and associated costs. Seventeen exploratory soil borings were drilled and "grab" groundwater samples collected in each boring to help further evaluate groundwater conditions across the site. Results of the investigation were inconsistent with a pattern that might be expected from known sources at the site. The highest TPHg concentrations were noted in samples collected adjacent to Clement Avenue and in areas cross-gradient and approximately 70-120 feet from the former gasoline tank.

According to direction of the Regional Water Quality Control Board, a groundwater monitoring well (MW-4) was installed by ACC approximately twelve feet downgradient of the former waste oil tank. Groundwater monitoring of MW-4 and the three existing groundwater monitoring wells was conducted by ACC in November 1994. Quarterly groundwater monitoring has been conducted since November 1994.

3.0 Groundwater Monitoring and Sampling

ACC conducted quarterly monitoring on June 19, 1995. Work at the site included measuring depth to water, subjectively evaluating groundwater in the wells, purging, sampling the wells, and submitting the groundwater samples for laboratory analysis under formal chain-of-custody protocol.

3.1 Groundwater Monitoring

Prior to groundwater sampling the depth to the surface of the water table was measured from the top of the PVC casing using a Solinst Water Level Meter. The water-level measurements were recorded to the nearest 0.01 foot with respect to mean sea level. Groundwater monitoring and sampling was performed on wells MW-1, MW-2, MW-3, and MW-4. ACC has obtained the well construction details for monitoring wells MW-1 through MW-3 and believes the wells can be properly sampled by obtaining water samples before the well recharges above the screened interval. Groundwater monitoring data obtained at the site is presented in Appendix A. Information regarding well elevations and groundwater levels are summarized in Table 1.

Historic groundwater levels at the site are unknown but previous groundwater sampling reports did contain calculated flow directions.

TABLE 1 - GROUNDWATER DEPTH INFORMATION				
Well #	Casing Elevation (MSL)	Date Measured	Groundwater Depth (feet)	Groundwater Elevation (MSL)
MW-1	14.57	12/09/94 03/15/95 06/19/95	4.00 3.41 4.78	10.57 11.16 9.79
MW-2	11.68	12/09/94 03/15/95 06/19/95	3.13 2.50 3.09	8.55 9.18 8.59
MW-3	11.75	12/09/94 03/15/95 06/19/95	2.61 2.38 3.04	9.14 9.37 8.71
MW-4*	13.00	12/09/94 03/15/95 06/19/95	3.42 2.16 3.35	9.58 10.84 9.65

Notes:
All measurements in feet relative to Mean Sea Level
* = Not used for gradient map (Figure 3)

The groundwater flow direction as determined from monitoring well data on June 19, 1995, is illustrated on Figure 3 - Groundwater Elevation Map. Based on groundwater elevation measurements, groundwater flow is toward the north at an average gradient of 0.011 foot/foot. This flow direction and gradient is consistent with calculated values from previous sampling events. Monitoring well MW-4 was not used in calculating flow direction and gradient due to its proximity to the former tank excavation and current parking lot drain. Based on the elevation of water in MW-4, some mounding, or increase in the groundwater elevation which is highly specific to MW-4, appears to occur due to the proximity to the former tank excavation. Previous calculated groundwater flow directions and gradients are summarized in Table 2.

Table 2 - Historic Groundwater Gradients

Date Monitored	Average Gradient (foot/foot)	Direction
December 9, 1994	0.012	North-northwest
March 15, 1995	0.011	North
June 19, 1995	0.007	North-northeast

3.2 Groundwater Sampling

Prior to groundwater sampling, each well was purged of approximately four well volumes using a dedicated, disposable bailer. Groundwater samples were collected when temperature, pH, and conductivity of the water stabilized and a minimum of four well-casing volumes of water had been removed. Following purging, each well was allowed to recharge prior to sampling. When recovery to 80 percent of the static water level was estimated to exceed two hours, a sample was collected when sufficient volume was available to fill the sample containers.

Wells were sampled using a new, clean, disposable bailer attached to new, clean string. From each monitoring well, sample vials and bottles were filled to overflowing and sealed so that no air was trapped in the vial or bottle. Once filled, samples were inverted and tapped to test for air bubbles. Samples were contained in vials and bottles approved by the US EPA and the Regional Water Quality Control Board. Sample containers were labeled with self-adhesive, pre-printed tags. All samples were stored in ice filled coolers to be delivered to an state-certified laboratory for analysis.

Water purged during the development and sampling of the monitoring wells was temporarily stored onsite in Department of Transportation (DOT) approved 55-gallon drums pending laboratory analysis and proper disposal.

4.0 Results of Groundwater Sampling

Groundwater samples collected from each well were submitted to Sequoia Analytical under chain-of-custody protocol. Groundwater samples collected from wells MW-1, MW-2, and MW-4 were analyzed for TPHg and BTEX by Environmental Protection Agency (EPA) modified Methods 5030, 8015 and 8020. In addition, the groundwater sample collected from well MW-4 was analyzed for halogenated volatile organics by EPA Method 8010, TPHd and motor oil by EPA Method 3510/3520/8015, and total oil and grease by SM5520 B&F. Copies of the chain of custody record and laboratory analysis reports are in Appendix B. Groundwater sample analyses results are summarized in Table 3.

Typical sampling protocol was altered to ensure that water samples in monitoring wells MW-1 through MW-3 were collected before the wells had recharged above the level of the well screen. Four well volumes were removed and samples obtained from approximately four feet below grade. Sampling data notes are included in Appendix A.

TABLE 3 - LABORATORY RESULTS, GROUNDWATER								
WELL#/ Date	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene	Total Xylenes	TOG (ug/L)	TPHd (ug/L)	EPA Method 601 (1,2-Dichloroethane)
MW-1								
11/18/91	ND	ND	ND	ND	ND	4	ND	NA
05/30/92	ND	ND	ND	ND	2.7	20	ND	NA
09/10/92	ND	ND	ND	ND	ND	1.1	ND	NA
02/04/93	ND	ND	ND	ND	ND	ND	ND	NA
05/03/93	ND	ND	ND	ND	ND	ND	ND	NA
12/09/94	ND	ND	ND	ND	ND	NA	NA	NA
03/15/95	ND	ND	ND	ND	ND	NA	NA	NA
06/19/95	ND	ND	ND	ND	ND	NA	NA	NA
MW-2								
11/18/91	ND	ND	ND	ND	ND	3.0	ND	NA
05/30/92	ND	ND	ND	ND	2.0	<10	ND	NA
09/10/92	ND	ND	ND	ND	ND	ND	ND	NA
02/04/93	ND	ND	ND	ND	ND	ND	ND	NA
05/03/93	ND	ND	ND	ND	ND	ND	ND	NA
12/09/94	ND	ND	ND	ND	ND	NA	NA	NA
03/15/95	ND	ND	ND	ND	ND	NA	NA	NA
06/19/95	ND	ND	ND	ND	ND	NA	NA	NA
MW-3								
11/18/91	ND	ND	ND	ND	ND	1.0	ND	NA
05/30/92	ND	ND	ND	ND	ND	20	ND	NA
09/10/92	ND	ND	ND	ND	ND	0.4	ND	NA
02/04/93	ND	ND	ND	ND	ND	ND	ND	NA
05/03/93	ND	ND	ND	ND	ND	ND	ND	NA
12/09/94	NA	NA	NA	NA	NA	NA	NA	NA
03/15/95	140	ND	ND	ND	2.2	NA	NA	NA
06/19/95	190	7.9	1.5	2.6	6.3	NA	NA	NA
MW-4								
05/14/93	ND	ND	ND	ND	ND	3.1	ND	5.7
12/09/94	ND	ND	ND	ND	ND	550	ND	1.3
03/15/95	ND	ND	ND	ND	ND	ND	ND	1.2
06/19/95	ND	ND	ND	ND	ND	ND	ND	2.1

Notes:
TPHg = Total Petroleum Hydrocarbons as gasoline
TPHd = Total Petroleum Hydrocarbons as diesel
TOG = Total Oil and Grease
ug/L = parts per billion (ppb)
ND = below laboratory detection limit (see Appendix B)
NA = not analyzed

5.0 Discussion

Analytical results of the groundwater samples collected on June 19, 1995 indicated below detectable levels of TPHg and associated BTEX constituents in wells MW-1, MW-2, and MW-4. A water sample from MW-3 revealed 190 ug/L (ppb) TPHg and minor BTEX concentrations ranging from 1.5 ppb to 7.9 ppb.

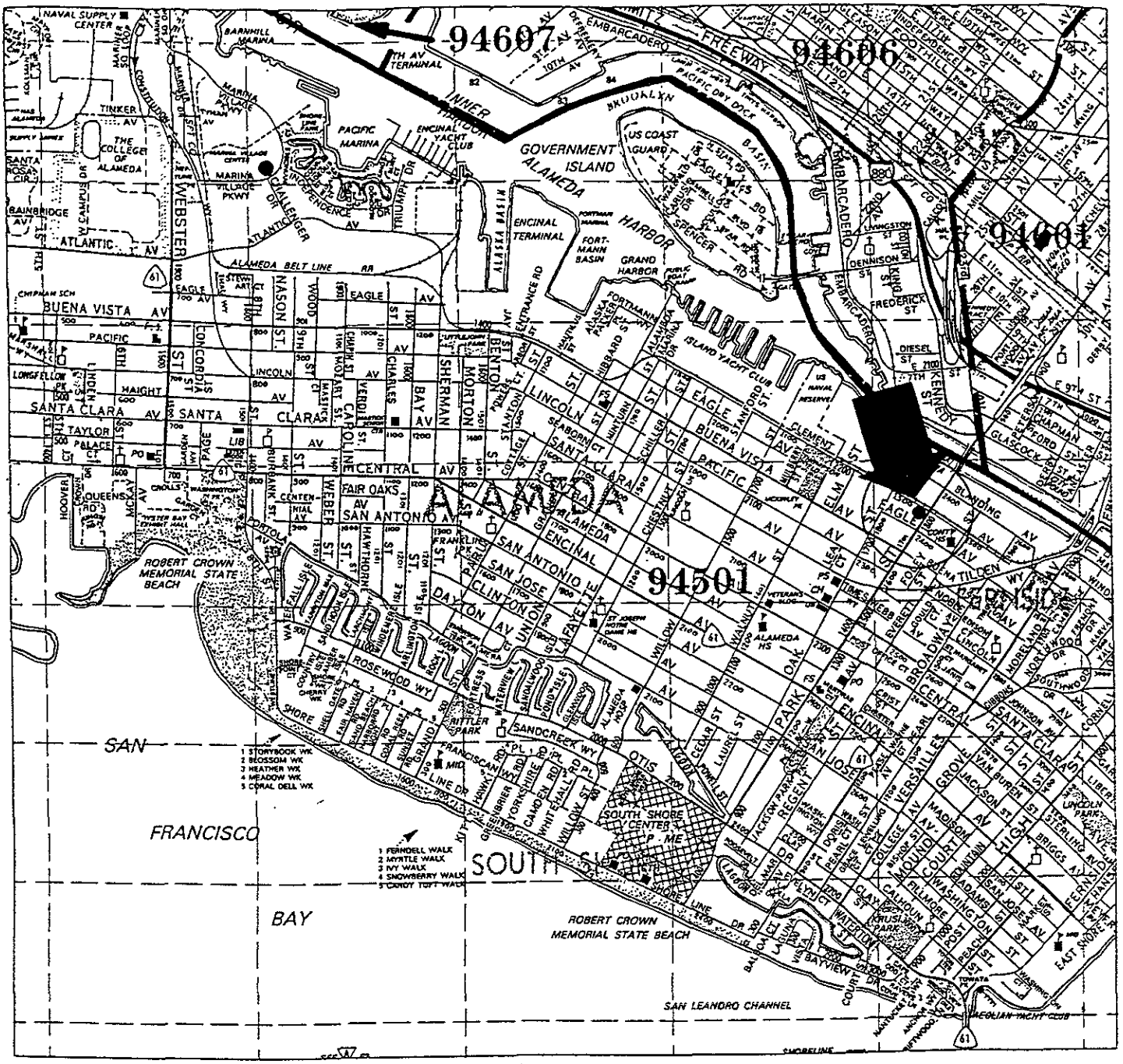
In the sample from MW-4, approximately ten feet downgradient of the former waste oil tank, respective analyses did not detect total petroleum hydrocarbons as diesel and total oil and grease. Analysis for halogenated volatile organics by EPA Method 8010 revealed 2.1 ug/L 1,2-Dichloroethane and all other method analytes were not detected.

Groundwater flow direction to the north-northeast remains consistent with previous sampling events but gradient decreased to approximately 0.007 foot/foot. The source of the minor hydrocarbon concentrations in MW-3 is unknown. The TPHg detected in MW-3 is typical of hydrocarbon residues in soil leaching into shallow groundwater, but the distance from the former gasoline UST and the lack of detectable TPHg in other onsite monitoring wells make the former gasoline UST an unlikely source. ACC believes these residual concentrations should naturally degrade with time.

6.0 Recommendations

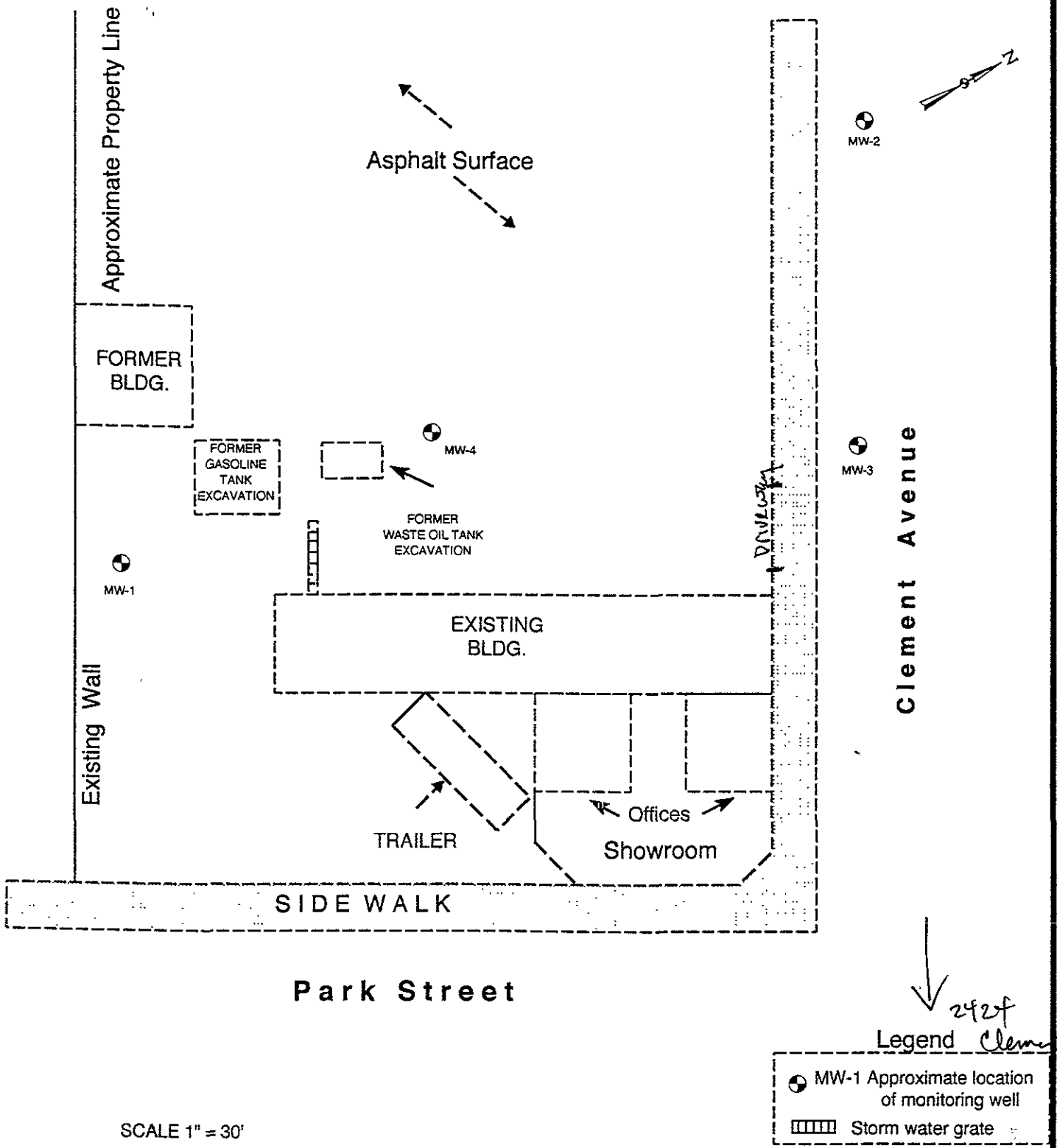
ACC recommends continuing quarterly groundwater monitoring of onsite wells to only analyze for constituents of concern; TPHg, BTEX and TOG.

Water samples from monitoring wells MW-1 and MW-2 have consistently not contained detectable concentrations of TPH as gasoline, diesel, and BTEX compounds. ACC recommends updating the current sampling protocol for future monitoring to provide information to help characterize water conditions under the site in a cost-effective manner. We recommend the following: (1) reduce sampling and monitoring wells MW-1 to MW-4 to biannually; and (2) discontinue sampling monitoring MW-4 for EPA Method 8010 constituents. The next sampling event is scheduled for mid-September.

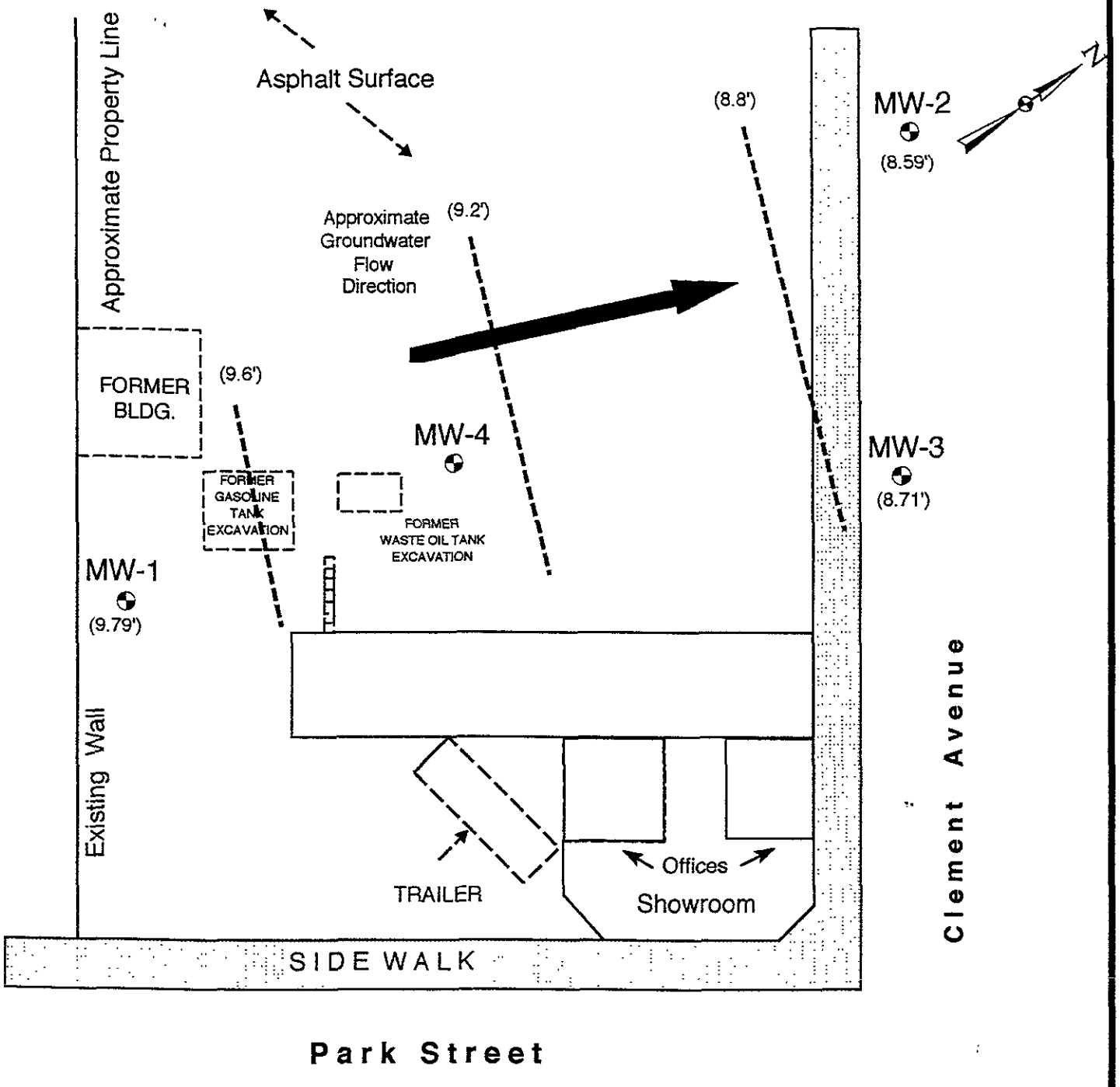


(Source: Thomas Brothers)

ACC Environmental Consultants, Inc. 1000 Atlantic Avenue, Suite 110 Alameda, California 94501		LOCATION MAP: Ron Goode Toyota Dealership 1825 Park Street Alameda, California	
Project No. 6089-1.1	Date: 1/20/95	Dn by: DRD	Figure No. 1



ACC Environmental Consultants, Inc. 1000 Atlantic Avenue, Suite 110 Alameda, California 94501		SITE PLAN: Ron Goode Toyota Dealership 1825 Park Street Alameda, California	
Project No. 6089-1	Date: 1/20/95	Dn by: DRD	Figure No. 2



Legend

MW-1 Approximate location of monitoring well

Storm water grate

Elevations measured on 6/19/95 in feet above mean sea level

SCALE 1" = 30'

ACC Environmental Consultants, Inc. 1000 Atlantic Avenue, Suite 110 Alameda, California 94501		GRADIENT MAP: Ron Goode Toyota Dealership 1825 Park Street Alameda, California	
Project No. 6089-1	Date: 6/24/95	Dn by: DRD	Figure No. 3

APPENDIX A

Groundwater Monitoring
and
Sampling Data

Well Data Worksheet

Job Name: Ron Goode Toyota	Method of Purging: Bailing
Site Address: 1825 Park Street	Sampled By: Alison Eskdale
Job #: 6089-1	Laboratory: Chromalab
Date: 6/19/95	Analysis: MW1 MW2 MW3 – TPHG w/ BTEX ; MW4 TPHG w/ BTEX 8010 TOG TPHD
# of Drums on Site: Full: 1 Contents: water	Empty: Contents:

Well #	Depth to H20(ft)	Well Depth (ft)	Time	Purge Volume (gal)	Temp (F)	Conductivity (umho/cm)	pH	Free Product	Observations
MW1	4.78	14.79	1:30	1.8	72.8	4.16	7.60	No.	
				3.6	71.7	4.10	7.55		
				5.4	69.8	3.94	7.49		
				7.2	69.9	3.95	7.48		
MW4	3.35	14.57	2:30	2	72.1	15.96	7.72	No	
				4	70.3	15.15	7.70		
				6	70.2	14.97	7.40		
				8	70.2	14.96	7.40		
MW3	3.04	14.41	3:30	2	69.3	7.85	7.45	No	
				4	68.7	7.82	7.50		
				6	68.4	7.80	7.47		
				8	68.5	7.81	7.46		
MW2	3.09	14.56	4:30	2	70.5	3.82	7.73	No	
				4	69.5	3.63	7.73		
				6	69.6	3.64	7.70		
				8	69.4	3.62	7.71		

APPENDIX B

Laboratory Analysis Reports
and
Chain-of-Custody Record

CHROMALAB, INC.

Environmental Services (SDB)

June 29, 1995 Submission #: 9506262

ACC ENVIRONMENTAL CONSULTANTS
1000 Atlantic Ave., Suite 110
Alameda, CA 94501

Attn: David Dement

RE: Analysis for project 1825 PARK ST., number 6089-1.1.

REPORTING INFORMATION

Samples were received cold and in good condition on June 20, 1995. They were refrigerated upon receipt and analyzed as described in the attached report. ChromaLab followed EPA or equivalent methods for all testing reported.

Deviation from standard conditions was found in the following:

Over the weekend of June 24-25, one of ChromaLab's sample storage refrigerators failed. The temperature inside the cooler rose above the upper temperature control limit. The tests affected are listed below.

Please call us if you have questions regarding them.

SAMPLES SUBMITTED IN THIS REPORT

Client Sample ID	Matrix	Date collected	Sample #
MW1	WATER	June 19, 1995	93086
MW2	WATER	June 19, 1995	93087
MW3	WATER	June 19, 1995	93088
MW4	WATER	June 19, 1995	93089

Tests affected by refrigerator failure are: SAMPLE MW4 FOR OIL & GREASE.

Jill Thomas
Quality Assurance Manager

Eric Tam
Laboratory Director

CHROMALAB, INC.

Environmental Services (SDB)

June 27, 1995 *Submission #:* 9506262

ACC ENVIRONMENTAL CONSULTANTS

Atten: David Dement

Project: 1825 PARK ST. *Project#:* 6089-1.1
Received: June 20, 1995

re: 4 samples for Gasoline and BTEX analysis.

Matrix: WATER
Sampled: June 19, 1995 Run: 7297-J *Analyzed:* June 22, 1995
Method: EPA 5030/8015M/602/8020

Spl # CLIENT SMPL ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
93086 MW1	N.D.	N.D.	N.D.	N.D.	N.D.
93087 MW2	N.D.	N.D.	N.D.	N.D.	N.D.
93088 MW3	190	7.9	1.5	2.6	6.3
93089 MW4	N.D.	N.D.	N.D.	N.D.	N.D.
Reporting Limits	50	0.5	0.5	0.5	0.5
Blank Result	N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)	90	99	102	100	102

Billy Thach
Chemist

Ali Kharrazi
Organic Manager

08/27 510-865-5731

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

N:QC.QC 10:54:45

CHROMALAB, INC.

Environmental Services (SDB)

June 27, 1995 *Submission #:* 9506262

ACC ENVIRONMENTAL CONSULTANTS

Atten: David Dement

Project: 1825 PARK ST. *Project#:* 6089-1.1
Received: June 20, 1995

re: 1 sample for Diesel analysis.

Matrix: WATER *Extracted:* June 21, 1995
Sampled: June 19, 1995 *Run:* 7349-D *Analyzed:* June 22, 1995
Method: EPA 3510/8015M

Spl #	CLIENT SMPL ID	DIESEL (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
93089	MW4	N.D.	50	N.D.	82

Dennis Mayugba
Chemist

Ali Kharrazi
Organic Manager

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

June 27, 1995 *Submission #:* 9506262

ACC ENVIRONMENTAL CONSULTANTS

Atten: David Dement

Project: 1825 PARK ST. *Project#:* 6089-1.1
Received: June 20, 1995

re: One sample for Volatile Halogenated Compounds analysis.

Sample ID: MW4
Spl#: 93089 Matrix: WATER
Sampled: June 19, 1995 *Run:* 7355-O *Analyzed:* June 21, 1995
Method: EPA 601

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	N.D.	0.5	N.D.	--
BROMOMETHANE	N.D.	0.5	N.D.	--
CHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHENE	N.D.	0.5	N.D.	76
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHANE	N.D.	0.5	N.D.	--
CHLOROFORM	N.D.	0.5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	2.1	0.5	N.D.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	102
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL ETHER	N.D.	0.5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	0.5	N.D.	--
TETRACHLOROETHENE	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	102
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Ali Kharrazi
Organic Manager

08/27 510 885-5731

NEDC OLEG 12:13:22

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

June 27, 1995 Submission #: 9506262

ACC ENVIRONMENTAL CONSULTANTS

Atten: David Dement

Project: 1825 PARK ST. *Project#:* 6089-1.1
Received: June 20, 1995

re: 1 sample for Oil and Grease analysis.

Matrix: WATER *Extracted:* June 26, 1995
Sampled: June 19, 1995 *Run:* 7347-C *Analyzed:* June 26, 1995
Method: STANDARD METHODS 5520 B&F

Spl #	CLIENT SMPL ID	OIL & GREASE (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE RESULT (%)
93089	MW4	N.D.	1.0	N.D.	96

Carolyn House
Extractions Supervisor

Ali Kharrazi
Organic Manager

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.
SAMPLE RECEIPT CHECKLIST

Client Name ACC

Project 1825 PARK ST.

Reference/Subm # 22599/9506262

Checklist completed by: [signature] / 6/21/95 (Signature / Date)

Date/Time Received 6/20/95 (Date) 1345 (Time)

Received by B Monroe

Carrier name

Logged in by CR (Initials) / 6/21/95 (Date)

Matrix H2O

Shipping container in good condition?		NA___	Yes___ No___
Custody seals present on shipping container?	Intact___ Broken___		Yes___ No___
Custody seals on sample bottles?	Intact___ Broken___		Yes___ No___
Chain of custody present?			Yes✓ No___
Chain of custody signed when relinquished and received?			Yes✓ No___
Chain of custody agrees with sample labels?			Yes✓ No___
Samples in proper container/bottle?			Yes✓ No___
Samples intact?			Yes✓ No___
Sufficient sample volume for indicated test?			Yes✓ No___
VOA vials have zero headspace?		NA___	Yes✓ No___
Trip Blank received?		NA___	Yes___ No✓
All samples received within holding time?			Yes✓ No___

Container temperature?_____

pH upon receipt _____ pH adjusted <2 Check performed by:_____ NA___

Any NO response must be detailed in the comments section below. If items are not applicable, they should be marked NA.

Client contacted?_____ Date contacted?_____

Person contacted?_____ Contacted by?_____

Regarding?_____

Comments:_____

Corrective Action:_____

SMPLRECD.CK

ACC/9 30066 - 93084

URM #: 9506262 REP: PM
CLIENT: ACC
DUE: 06/27/95
REF #:22519

22519

CHROMALAB, INC.

DOHS 1094

Chain of Custody

DATE June 20, 1995 PAGE 1 OF 1

PROJ. MGR. David DeMent
COMPANY ACC Environmental Cnslts.
ADDRESS 1000 Atlantic Ave #110
Alameda CA 94501

SAMPLERS (SIGNATURE) A.E / D.Dement (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
MW1	6/19/95	9:30	Water	Cold		X																			3
MW2		4:30	↓	↓		X																			3
MW3		3:30	↓	↓		X																			3
MW4		2:30	↓	↓		X	X		X			X				}	6 VOA's								8
																}	2 Amber Liters								

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NAME: 1825 Park St		TOTAL NO. OF CONTAINERS	17
PROJECT NUMBER: 6089-1.1		HEAD SPACE	
		REC'D GOOD CONDITION/COLD	
P.O. #		CONFORMS TO RECORD	

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

SPECIAL INSTRUCTIONS/COMMENTS:
Please report All water results in ug/L (ppb)!

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
(SIGNATURE) D. DeMent (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) David DeMent (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY) ACC Environmental	(COMPANY)	(COMPANY)

RECEIVED BY 1	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
(SIGNATURE) B. Morrow (TIME) 1345	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) B. Morrow (DATE) 6.20.95	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY) Chromalab	(COMPANY)	