

**Quarterly Monitoring Report
1825 Park Street
Alameda, California**

Jan 1996

QUARTERLY GROUNDWATER MONITORING

1825 Park Street
Alameda, California


Job Number 94-6089-1.1

Prepared for:

Mr. Len Goode
Ron Goode Toyota
1825 Park Street
Alameda, California

January 1996

Prepared by:



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Reviewed by:



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TABLE OF CONTENTS

Page

1.0 INTRODUCTION	1
2.0 BACKGROUND	1
3.0 GROUNDWATER MONITORING AND SAMPLING	2
3.1 Groundwater Monitoring	2
3.2 Groundwater Sampling	4
4.0 RESULTS OF GROUNDWATER SAMPLING	4
5.0 DISCUSSION	6
6.0 CONCLUSIONS	6

TABLES

1 - Groundwater Depth Information	3
2 - Historic Groundwater Gradients	4
3 - Laboratory Results, Groundwater	5

FIGURES

- 1 - Location Map
- 2 - Site Plan

APPENDICES

- 1 - Groundwater Monitoring and Sampling Data
- 2 - Laboratory Analysis Reports and Chain of Custody Record

QUARTERLY GROUNDWATER MONITORING

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 selected, existing groundwater monitoring wells.

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

2.0 BACKGROUND

Two underground storage tanks were removed from the site by Zaccor Corporation (Zaccor) on December 27, 1990. Both tanks were constructed of single-walled steel. One 300-gallon, waste-oil tank was located in the former main building (Figure 2). During removal, the waste-oil tank was observed to have several holes near the bottom. The second tank, a 550-gallon gasoline tank, was located south of the former waste-oil tank. 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 (TOG), Total Petroleum Hydrocarbons as diesel (TPHd), and Total Petroleum Hydrocarbons as gasoline (TPHg). Soil samples collected from the gasoline tank excavation indicated non-detectable levels of TPHg.

On March 21 and April 11, 1991, a field program was conducted by Environmental Bio-Systems, Inc., (Environmental Bio-Systems) under contract with Zaccor, to evaluate the horizontal and vertical extent of hydrocarbon impact in subsurface soil. Sixty-four hand-augured borings were advanced and field conditions were described. Forty-one soil samples were collected of which 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). TOG 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 wells MW-1 and MW-2 indicated TPHg concentrations below detection limits. Analysis of soil samples collected from monitoring well MW-3 indicated 250 ppm 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 detectable levels of TPHg with benzene, toluene, ethylbenzene and total xylenes (BTEX). A maximum of 4.0 ppm TOG was reported in the groundwater sample from well MW-1. Analysis of groundwater collected in subsequent sampling events has indicated decreasing amounts of dissolved TOG. Samples collected on 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 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 to 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 12 feet downgradient of the former waste-oil tank. Groundwater monitoring of well MW-4 and the three existing groundwater monitoring wells was conducted by ACC since November 1994. Alameda County Health Care Services Agency, Department of Environmental Health approved a reduced groundwater sampling protocol in a letter dated December 4, 1995. Future sampling will only include monitoring and sampling wells MW-3 and MW-4 on an annual basis until site closure.

3.0 GROUNDWATER MONITORING AND SAMPLING

ACC conducted monitoring on December 21, 1995. This report summarizes the newly approved sampling protocol for wells MW-3 and MW-4. Work at the site included measuring depth to water, subjectively evaluating groundwater in the wells, purging and 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-3 and MW-4. Groundwater monitoring data obtained at the site is presented as Appendix 1. Information regarding well elevations and groundwater levels is summarized in Table 1.

TABLE 1 - GROUNDWATER DEPTH INFORMATION

Well #	Casing Elevation (MSL)	Date Measured	Groundwater Depth (feet)	Groundwater Elevation (MSL)
MW-1	14.57	12/09/94	4.00	10.57
		03/15/95	3.41	11.16
		06/19/95	4.78	9.79
		09/19/95	8.02	6.55
		12/21/95	4.65	9.22
MW-2	11.68	12/09/94	3.13	8.55
		03/15/95	2.50	9.18
		06/19/95	3.09	8.59
		09/19/95	4.00	7.68
		12/21/95	---	---
MW-3	11.75	12/09/94	2.61	9.14
		03/15/95	2.38	9.37
		06/19/95	3.04	8.71
		09/19/95	4.06	7.69
		12/21/95	3.12	8.63
MW-4	13.00	12/09/94	3.42	9.58
		03/15/95	2.16	10.84
		06/19/95	3.35	9.65
		09/19/95	4.72	8.28
		12/21/95	3.60	9.40
Notes: All measurements in feet relative to mean sea level (MSL).				

The groundwater flow direction was not determined from monitoring well data collected on December 21, 1995. Monitoring well MW-4 is not used in calculating flow direction and gradient due to its proximity to the former tank excavation and current parking lot drain. Monitoring well MW-2 was damaged by repaving activity performed in Clement Avenue, and the elevation of the top of casing is unknown. Gradient and flow direction calculated during the September 1995 sampling event may have been erroneous due to using elevation information from damaged well MW-2.

Calculated gradient and flow direction at the site, prior to damage to well MW-2, was consistently northerly at approximately 0.01 foot/foot. 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
September 19, 1995	0.007	Southwest

3.2 Groundwater Sampling

Prior to groundwater sampling, each well was purged of approximately 4 well volumes using a dedicated, disposable polyethylene bailer. 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 2 hours, a sample was collected when sufficient volume was available to fill the sample containers. Groundwater samples were collected when temperature, pH, and conductivity of the water stabilized and a minimum of 4 well-casing volumes of water had been removed.

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 laboratory-supplied vials and bottles approved by the U.S. Environmental Protection Agency (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 a state-certified laboratory for analysis.

Water purged during the development and sampling of the monitoring wells was temporarily stored on site in Department of Transportation 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 Chromalab, Inc., under chain of custody protocol. Groundwater samples collected from wells MW-3 and MW-4 were analyzed for TPHg, BTEX and Methyl Tertiary Butyl Ether (MTBE) by EPA modified Methods 5030, 8015, and 8020. In addition, the groundwater sample collected from well MW-4 was analyzed for volatile halogenated organics by EPA Method 8010 and TOG by SM5520 B&F. Copies of the chain of custody record and laboratory analytical reports are attached as Appendix 2. Groundwater sample analyses results are summarized in Table 3.

TABLE 3 - LABORATORY RESULTS, GROUNDWATER

WELL#/ Date	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl- Benzene (ug/L)	Total Xylenes (ug/L)	TOG (ug/L)	TPHd (ug/L)	EPA Method 8010 (1,2-Dichloroethane) (ug/L)
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
09/19/95	ND	ND	ND	ND	ND	NA	NA	NA
12/21/95	NA	NA	NA	NA	NA	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
09/19/95	NA	NA	NA	NA	NA	NA	NA	NA
12/21/95	NA	NA	NA	NA	NA	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
09/19/95	180	4.7	1.4	2.0	13.0	NA	NA	NA
12/21/95	ND	ND	ND	ND	ND	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
09/19/95	ND	ND	ND	ND	ND	ND	ND	1.0
12/21/95	ND	ND	ND	ND	ND	ND	NA	0.8

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 2)

NA = not analyzed

TPHg, BTEX, and MTBE were not detected in wells MW-3 and MW-4. The water sample from well MW-4 did not detect TOG but 1,2-Dichloroethane was detected at 0.8 ppb.

5.0 DISCUSSION

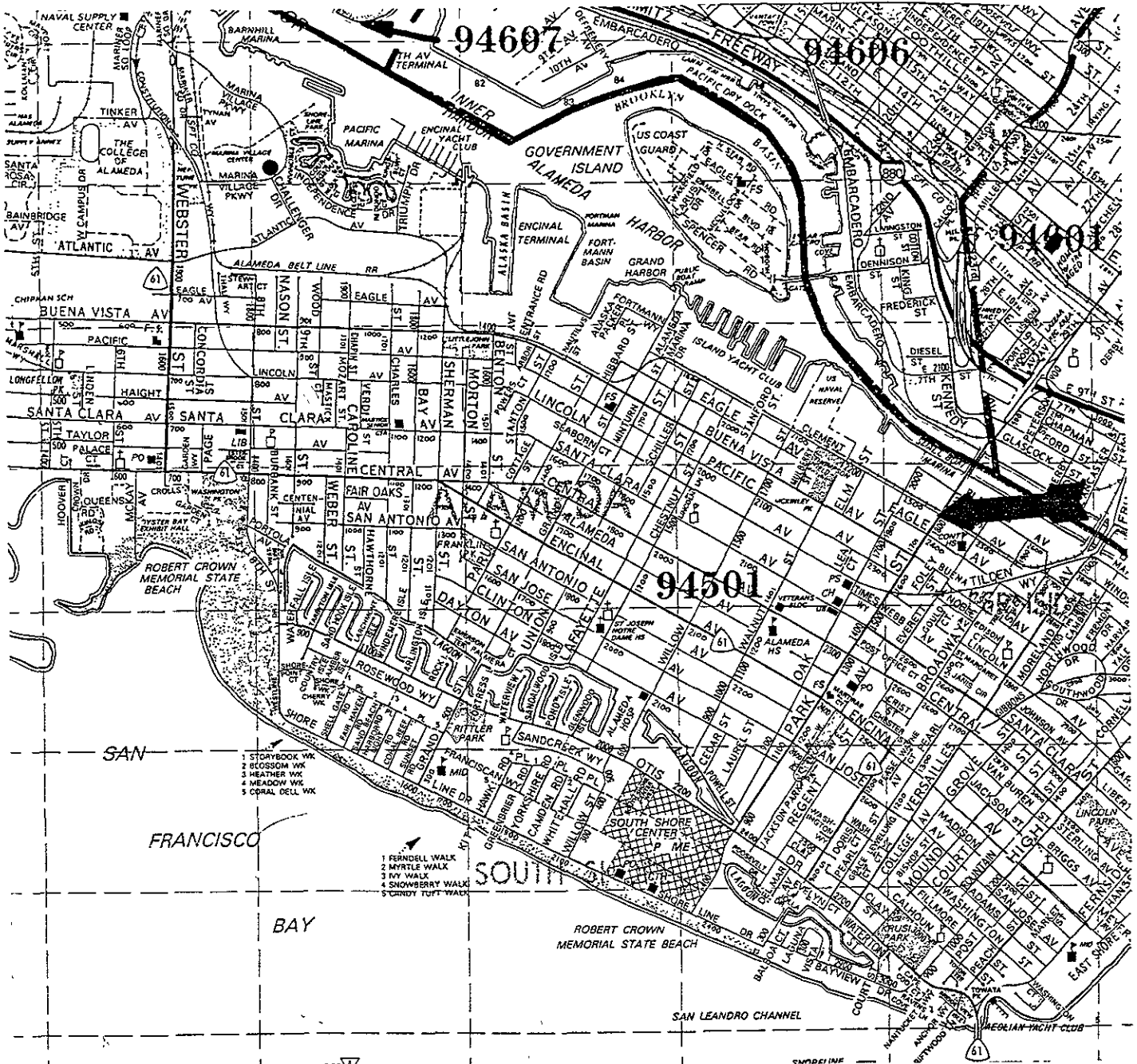
Analytical results of the groundwater samples collected on December 21, 1995, indicated non-detectable levels of TPHg and associated BTEX/MTBE constituents in wells MW-3 and MW-4. Wells MW-1 and MW-2 were not sampled due to approved changes in sampling protocol at the site. In the water sample from well MW-4, approximately 10 feet downgradient of the former waste-oil tank, analysis did not detect TOG. Analysis for volatile halogenated organics by EPA Method 8010 detected only 0.8 ppb 1,2-Dichloroethane.

Groundwater flow direction was not calculated due to lack of confidence in groundwater elevations in wells MW-2 and MW-4: well MW-4 has an anomalous groundwater elevation due to its close proximity to the former underground storage tank excavation, and the top of casing in well MW-2 was damaged. The gradient and flow direction calculated in September 1995 used erroneous data from well MW-2, which may explain the change in flow direction.

6.0 CONCLUSIONS

Water samples collected during periodic groundwater monitoring conducted in December 1995 continued to indicate non-detectable concentrations of dissolved hydrocarbons known to have been stored on site in underground storage tanks. The only significant concentrations of gasoline hydrocarbons formerly detected were in well MW-3, which is located in the street along Clement Avenue, and ACC believes these concentrations are due to offsite sources.

In February 1996, ACC will be performing additional site investigation along the property perimeter and in interior areas of the site that revealed detectable hydrocarbons during a previous site investigation. The purpose of this additional site investigation is to verify offsite sources and demonstrate that hydrocarbons detected during previous investigation were likely the result of preferential migration along utility trenches in Park Street and Clement Avenue.



(Source: Thomas Brothers)

ACC Environmental Consultants, Inc.
 7977 Capwell Drive, Suite 100
 Oakland, California 94621

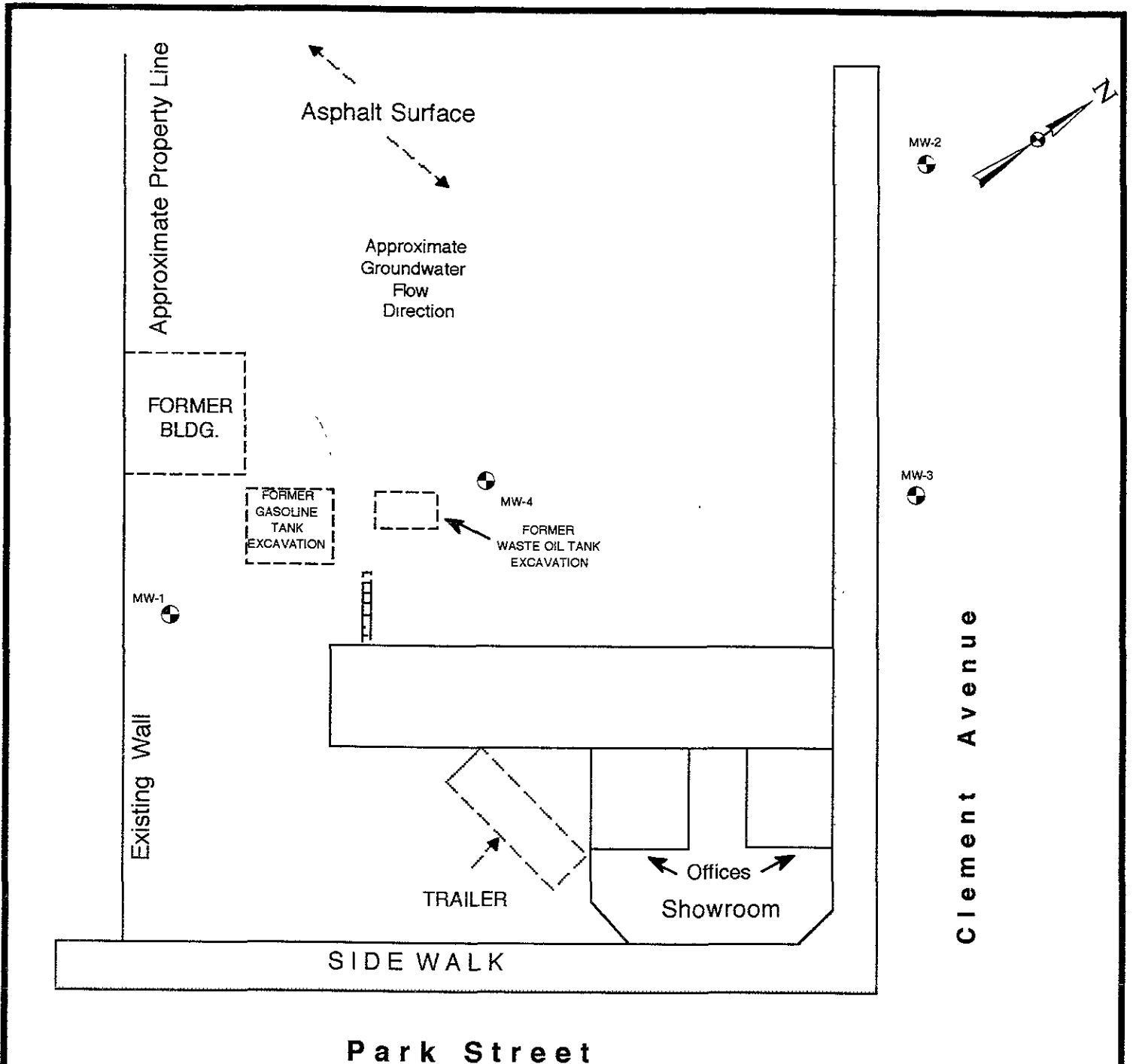
LOCATION MAP: Ron Goode Toyota Dealership
 1825 Park Street
 Alameda, California

Project No. 6089-1.1



Date: 8/20/95

Dn by: DRD

Figure No. 1



Legend

-  MW-1 Approximate location of monitoring well
-  Storm water grate

SCALE 1" = 30'

ACC Environmental Consultants, Inc. 7977 Capwell Drive, Suite 100 Oakland, California 94621		GRADIENT MAP: Ron Goode Toyota Dealership 1825 Park Street Alameda, California	
Project No. 6089-1	Date: 1/20/95	Dn by: DRD	Figure No. 2

**GROUNDWATER MONITORING
AND
SAMPLING DATA**

JOB NAME: <u>GOODE TOYOTA</u>	PURGE METHOD: <u>MANUAL BAILING</u>
SITE ADDRESS: <u>1825 PARK ST, ALA.</u>	SAMPLED BY: <u>J. CONKLIN</u>
JOB #: <u>6089-1.1</u>	LABORATORY: <u>CHROMALAB</u>
DATE: <u>12-21-95</u>	ANALYSIS: <u>TPH - GAS DIESEL</u> ^{VARIES} <u>STEX 30.0 TUC</u>
Onsite Drum Inventory SOIL: <input checked="" type="checkbox"/>	MONITORING <input checked="" type="checkbox"/> DEVELOPING <input type="checkbox"/>
EMPTY: <input checked="" type="checkbox"/> WATER: <u>1-100%</u> , <u>1-65%</u>	SAMPLING <input checked="" type="checkbox"/>

	PURGE VOLUME		HYDRA-READINGS			OBSERVATIONS
	(Gal)	pH	Temp. (F)	^{x100} Cond. un/cm		
WELL: MW-1 ¹⁴					<input type="checkbox"/>	Froth
DEPTH OF BORING: <u>14.76'</u>	<u>1.6</u>	<u>10.31</u>	<u>67.2</u>	<u>4.81</u>	<input type="checkbox"/>	Sheen
DEPTH TO WATER: <u>4.65'</u>	<u>3.2</u>	<u>10.28</u>	<u>67.1</u>	<u>4.92</u>	<input type="checkbox"/>	Odor Type _____
WATER COLUMN: <u>10.11'</u>	<u>4.8</u>	<u>10.06</u>	<u>66.5</u>	<u>4.78</u>	<input type="checkbox"/>	Free Product
WELL DIAMETER: <u>2"</u>		<u>10.00</u>	<u>66.8</u>	<u>4.63</u>	<input type="checkbox"/>	Amount _____ Type _____
WELL VOLUME: <u>≈ 1.6 gal</u>		<u>9.93</u>	<u>66.3</u>	<u>4.54</u>	<input type="checkbox"/>	Other
COMMENTS:		<u>9.71</u>	<u>66.3</u>	<u>4.53</u>		
<u>⊙ - WRENCH</u>		<u>9.72</u>	<u>66.3</u>	<u>4.53</u>		
	<u>6.4</u>	<u>9.71</u>	<u>66.3</u>	<u>4.53</u>		
WELL: MW-3	(Gal)	pH	Temp. (F)	^{x100} Cond. un/cm	<input type="checkbox"/>	Froth
DEPTH OF BORING: <u>14.42'</u>	<u>1.8</u>	<u>10.84</u>	<u>66.3</u>	<u>5.89</u>	<input type="checkbox"/>	Sheen
DEPTH TO WATER: <u>3.12'</u>	<u>3.6</u>	<u>10.34</u>	<u>67.1</u>	<u>4.81</u>	<input type="checkbox"/>	Odor Type _____
WATER COLUMN: <u>11.30'</u>	<u>5.4</u>	<u>9.75</u>	<u>66.3</u>	<u>4.23</u>	<input type="checkbox"/>	Free Product
WELL DIAMETER: <u>2"</u>		<u>9.62</u>	<u>66.2</u>	<u>3.91</u>	<input type="checkbox"/>	Amount _____ Type _____
WELL VOLUME: <u>≈ 1.8 gal</u>		<u>9.33</u>	<u>66.5</u>	<u>3.73</u>	<input type="checkbox"/>	Other
COMMENTS:		<u>9.21</u>	<u>65.9</u>	<u>3.69</u>		
		<u>9.20</u>	<u>65.4</u>	<u>3.54</u>		
	<u>7.2</u>	<u>9.20</u>	<u>65.5</u>	<u>3.33</u>		
WELL: MW-4	(Gal)	pH	Temp. (F)	^{x100} Cond. un/cm	<input type="checkbox"/>	Froth
DEPTH OF BORING: <u>14.37'</u>	<u>1.8</u>	<u>9.89</u>	<u>67.4</u>	<u>6.01</u>	<input type="checkbox"/>	Sheen
DEPTH TO WATER: <u>3.60'</u>	<u>3.6</u>	<u>9.72</u>	<u>66.3</u>	<u>5.29</u>	<input type="checkbox"/>	Odor Type _____
WATER COLUMN: <u>10.77'</u>	<u>5.4</u>	<u>9.52</u>	<u>65.2</u>	<u>4.91</u>	<input type="checkbox"/>	Free Product
WELL DIAMETER: <u>2"</u>		<u>9.40</u>	<u>65.5</u>	<u>4.36</u>	<input type="checkbox"/>	Amount _____ Type _____
WELL VOLUME: <u>≈ 1.8 gal</u>		<u>9.21</u>	<u>65.6</u>	<u>3.96</u>	<input type="checkbox"/>	Other
COMMENTS:		<u>9.18</u>	<u>65.3</u>	<u>3.85</u>		
		<u>9.18</u>	<u>65.3</u>	<u>3.85</u>		
	<u>7.2</u>	<u>9.19</u>	<u>65.3</u>	<u>3.84</u>		

LABORATORY ANALYSIS REPORTS
AND
CHAIN OF CUSTODY RECORD

CHROMALAB, INC.

Environmental Services (SDB)

December 29, 1995

Submission #: 9512317

ACC ENVIRONMENTAL CONSULTANTS

Atten: David Dement

Project: 1825 PARK ST
Received: December 21, 1995

Project#: 6089-1.1

re: One sample for Gas/BTEX with Methyl Tert-Butyl Ether analysis.
Method: EPA 5030/8015M/602/8020

SampleID: MW-3

Sample #: 114698

Matrix: WATER

Sampled: December 21, 1995

Run: 9899-3

Analyzed: December 26, 1995

Analyte	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
GASOLINE	N.D.	50	N.D.	91
BENZENE	N.D.	0.5	N.D.	97
TOLUENE	N.D.	0.5	N.D.	100
ETHYL BENZENE	N.D.	0.5	N.D.	99
XYLENES	N.D.	0.5	N.D.	102
MTBE	N.D.	0.5	N.D.	--

June Zhao
June Zhao
Chemist

Marianne Alexander
Marianne Alexander
Gas/BTEX Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

December 29, 1995

Submission #: 9512317

ACC ENVIRONMENTAL CONSULTANTS

Atten: David Dement

Project: 1825 PARK ST

Project#: 6089-1.1

Received: December 21, 1995

re: One sample for Gas/BTEX with Methyl Tert-Butyl Ether analysis.
Method: EPA 5030/8015M/602/8020

SampleID: MW-4

Sample #: 114699

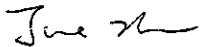
Matrix: WATER

Sampled: December 21, 1995

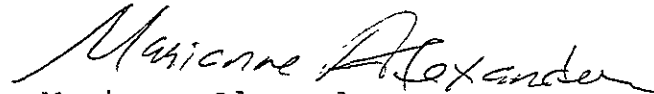
Run: 9912-3

Analyzed: December 27, 1995

Analyte	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
GASOLINE	N.D.	50	N.D.	91
BENZENE	N.D.	0.5	N.D.	104
TOLUENE	N.D.	0.5	N.D.	106
ETHYL BENZENE	N.D.	0.5	N.D.	106
XYLENES	N.D.	0.5	N.D.	109
MTBE	N.D.	0.5	N.D.	--



June Zhao
Chemist



Marianne Alexander
Gas/BTEX Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

December 29, 1995

Submission #: 9512317

ACC ENVIRONMENTAL CONSULTANTS

Atten: David Dement


Project: 1825 PARK ST
Received: December 21, 1995

Project#: 6089-1.1

re: 1 sample for Oil and Grease analysis.
Method: STANDARD METHODS 5520 B&F

Sampled: December 21, 1995 Matrix: WATER Extracted: December 29, 1995
Run: 9930-C Analyzed: December 29, 1995

<u>Spl #</u>	<u>Sample ID</u>	<u>OIL & GREASE</u> <u>(mg/L)</u>	<u>REPORTING</u> <u>LIMIT</u> <u>(mg/L)</u>	<u>BLANK</u> <u>RESULT</u> <u>(mg/L)</u>	<u>BLANK SPIKE</u> <u>RESULT</u> <u>(%)</u>
114699	MW-4	N.D.	1.0	N.D.	90


Carolyn House
Extractions Supervisor


Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

January 2, 1996

Submission #: 9512317

ACC ENVIRONMENTAL CONSULTANTS

Atten: David Dement

Project: 1825 PARK ST
Received: December 21, 1995

Project#: 6089-1.1

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: MW-4

Sample #: 114699

Matrix: WATER

Sampled: December 21, 1995

Run: 9962-0

Analyzed: December 28, 1995

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.	99
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	0.8	0.5	N.D.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	115
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYL VINYL 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.	109
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

Oleg Nemtsov
Chemist

Chip Poalinelli
Chip Poalinelli
Operations Manager

CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756
510/484-1919 • Facsimile 510/484-1096

Chain of Custody

DATE 12/21/95 PAGE 1 OF 1

Environmental Services (SD8) (DOHS 1094)

P.02 4841096 10 FROM ACC ENVIRONMENTAL 08:17 DEC-22-1995

PROJ. MGR D. DEMENT
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

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 801(8010))	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+F, E-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)	MTBE	
MW-1 (DR)	12/21/95		H ₂ O	Lead	X	X	X	X	X												X	DR
MW-3	"		"	"	X	X	X	X	X			X									X	
MW-4	"		"	"	X	X	X	X	X			X									X	
<p>Cancel Diesel 12/20/95 Cancel MW-1 12/20/95 Add MTBE 12/22/95</p>																						

PROJECT INFORMATION		SAMPLE RECEIPT				
PROJECT NAME <u>1825 PARK ST</u>	TOTAL NO. OF CONTAINERS <u>16</u>	HEAD SPACE				
PROJECT NUMBER <u>6089-1.1</u>	REC'D GOOD CONDITION/COLD	CONFORMS TO RECORD				
P.O.# <u>6089-1.1</u>	TAT	SPAN/DXRD 5-DAY	24	48	72	OTHER

RELINQUISHED BY 1. <u>John Conklin</u> (SIGNATURE) (TIME) <u>JOHN CONKLIN</u> (PRINTED NAME) (DATE) <u>ACC</u> (COMPANY)	RELINQUISHED BY 2.	RELINQUISHED BY
RECEIVED BY 1. <u>B. Maxwell 12/21/95</u> (SIGNATURE) (TIME) <u>B. Maxwell 12/21/95</u> (PRINTED NAME) (DATE) <u>Chromalab</u> (COMPANY)	RECEIVED BY 2.	RECEIVED BY (LABORATORY)

SPECIAL INSTRUCTIONS/COMMENTS:

Blank space for additional notes or signatures.