Eric Frohnapple, P.E.
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6111 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 543-5336
Fax (925) 543-2324
ericf@chevron.com

Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Former Chevron Service Station No. 20-9339
5940 College Avenue
Oakland, California

I accept the **Second Semi-Annual 2010 Groundwater Monitoring and Sampling Report and Annual Summary** dated December 13, 2010.

I agree with the conclusions and recommendations presented in this document. The information included is accurate to the best of my knowledge, and appears to meet local agency and Regional Board guidelines. This **Second Semi-Annual 2010 Groundwater Monitoring and Sampling Report and Annual Summary** was prepared by Conestoga Rovers & Associates, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

Eric Frohnapple, P.E.
Project Manager

Attachment: Second Semi-Annual 2010 Groundwater Monitoring and Sampling Report and Annual Summary

CONESTOGA-ROVERS
& ASSOCIATES

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
http://www.craworld.com

December 13, 2010 Reference No. 311954

Mr. Mark Detterman
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway
Alameda, California 94502

Re: Second Semi-Annual 2010
Groundwater Monitoring and Sampling Report and Annual Summary
Former Chevron Service Station 20-9339
5940 College Avenue
Oakland, California
ACEH Case No. RO0000466

Dear Mr. Mark Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *Annual 2010 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Groundwater monitoring and sampling was performed by Gettler-Ryan, Inc. of Dublin, California. G-R's October 22, 2010 *Groundwater Monitoring and Sampling Data Package* is presented as Attachment A. Current groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' October 20, 2010 *Analytical Results* is included as Attachment B. Historical groundwater data are included as Attachment C. Monitoring and sampling for the adjacent site, former Sheaff's Garage, was performed on October 18, 2010 by Golden Gate Environmental. Torrent Laboratory's *Sample Results Summary* is included as Attachment D. Sheaff's Garage historical groundwater data are included as Attachment E.

RESULTS OF ANNUAL 2010 EVENT

On October 15, 2010, G-R monitored and sampled the site wells per the established schedule. G-R's First Semi-Annual Event of April 12, 2010 Groundwater Monitoring and Sampling Report was previously uploaded to Geotracker and the ACEH database.

Results of the current monitoring event indicate the following:

- Groundwater Flow Direction — Southwest
- Hydraulic Gradient — 0.006
- Depth to Water — 12.15 to 13.25 feet below grade

Results of the 2010 sampling events are presented below in Table A:

TABLE A: HYDROCARBON CONCENTRATIONS IN GROUNDWATER						
	Date	***TPHg***	***Benzene***	***Toluene***	***Ethylbenzene***	***Xylenes***
Groundwater ESLs		***100***	***1***	***40***	***30***	***20***
		concentrations in micrograms per liter (µg/L)				
MW-1	4/12/2010	<50	<0.5	<0.5	<0.5	<1.5
	10/15/2010	<50	<0.5	<0.5	<0.5	<1.5
MW-2	4/12/2010	310	1.0	<0.5	0.5	<1.5
	10/15/2010	480	1.3	<2.0	<2.0	7.1
Adjacent Former Sheaff's Garage site (5930 College Avenue)						
MW-1	4/12/2010	Not sampled				
	10/18/2010	24,000	8,100	820	2,200	4,400
MW-2	4/12/2010	Not Sampled				
	10/18/2010	3,200	460	16	230	110
MW-3	4/12/2010	Not Sampled				
	10/18/2010	2,700	270	11	290	399
PW-1	4/12/2010	Not Sampled				
	10/18/2010	860	8.8	0.55	44	44

CONCLUSIONS

The 2010 joint groundwater monitoring data indicate dissolved hydrocarbon concentrations detected in the Sheaff's garage wells are two to three orders of magnitude higher than those detected in Chevron well MW-2. Dissolved hydrocarbons detected in MW-2, located adjacent to the former USTs, are either below detection limits or near the Environmental Screening Levels (ESLs).[1] No hydrocarbons are detected in Chevron well MW-1, located downgradient of well MW-2, therefore defining the downgradient extent of dissolved hydrocarbons originating at the Chevron site.

[1] Environmental Screening Levels from San Francisco Regional Water Quality Control Board's *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, Interim Final November 2007 (Revised May 2008). Table A.

ANTICIPATED FUTURE ACTIVITIES

Groundwater Monitoring
G-R will monitor and sample site wells per the established schedule. CRA will submit a groundwater monitoring and sampling report.

CONESTOGA-ROVERS & ASSOCIATES

December 13, 2010 Reference No. 311954

Please contact Kiersten Hoey at (510) 420-3347 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

PROFESSIONAL GEOLOGIST BRANDON S. WILKEN No. 7564 STATE OF CALIFORNIA

Kiersten Hoey Brandon S. Wilken, PG 7564

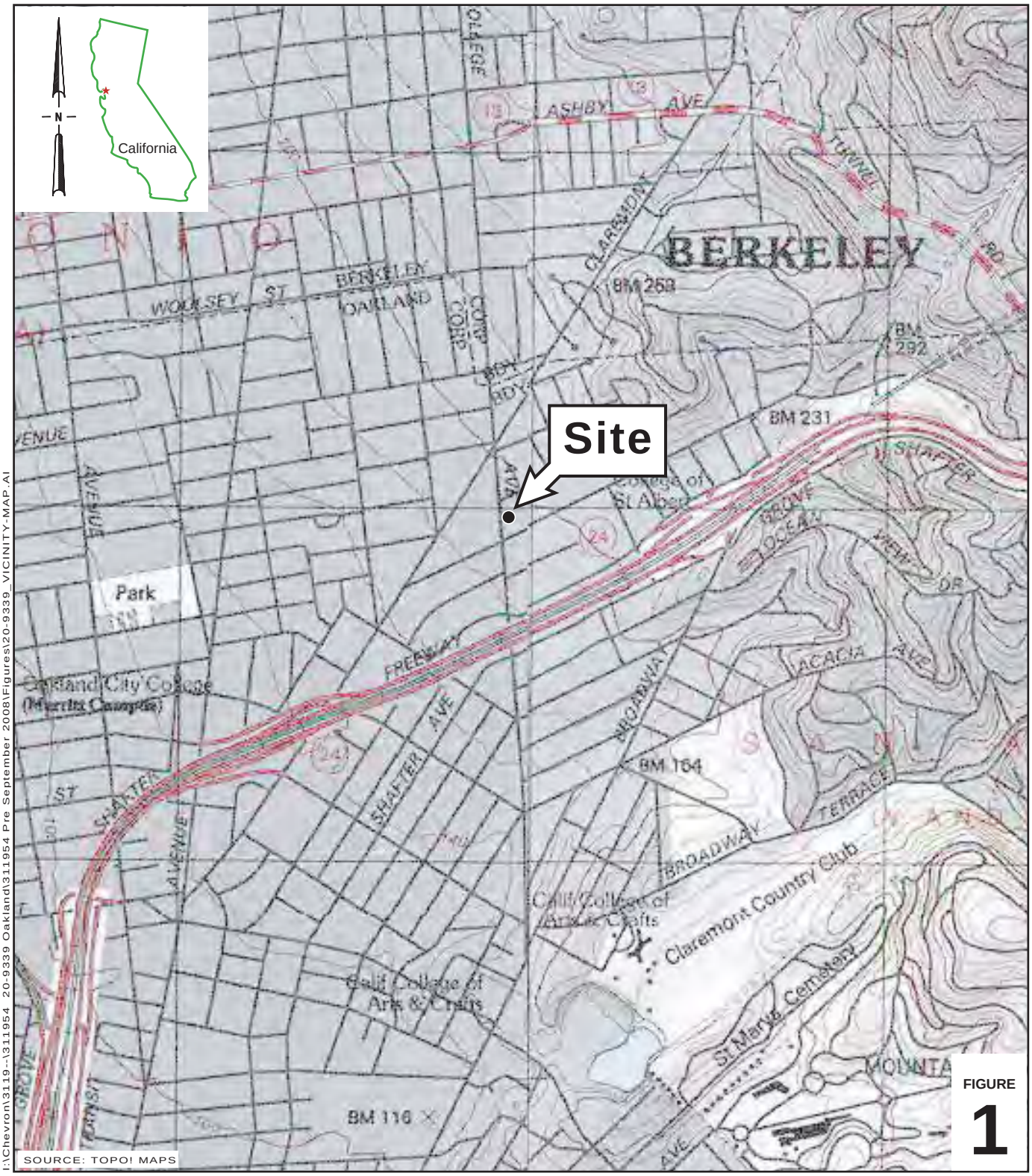
AA/aa/6
Encl.

Figure 1	Vicinity Map
Figure 2	Groundwater Elevation and Hydrocarbon Concentration Map
Table 1	Groundwater Monitoring and Sampling Data
Attachment A	Monitoring Data Package
Attachment B	Laboratory Analytical Report
Attachment C	Historical Groundwater Data
Attachment D	Torrent Laboratory Sample Results Summary
Attachment E	Sheaff's Garage Historical Groundwater Data

cc: Mr. Eric Frohnapple, Chevron
Mr. Donald Sweet, San Francisco Property MGMT
Mr. Patrick Elwood, College Square Associates

FIGURES

10/01/08



I:\Chevron\3119-\311954 20-9339 Oakland\311954 Pre September 2008\Figures\20-9339_VICINITY-MAP.AI

FIGURE
1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Chevron Service Station 20-9339

5940 College Avenue

Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

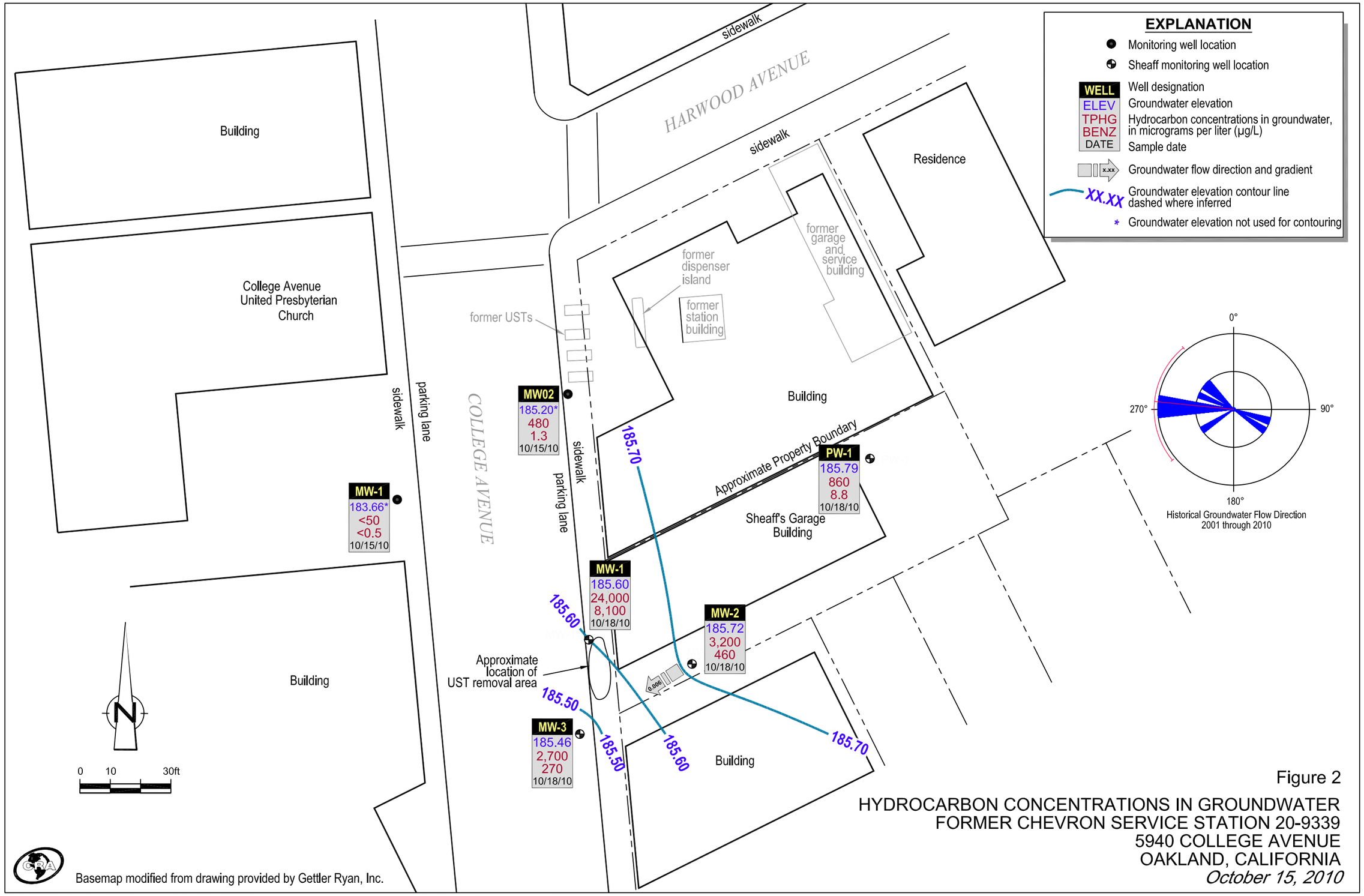


Figure 2

HYDROCARBON CONCENTRATIONS IN GROUNDWATER
FORMER CHEVRON SERVICE STATION 20-9339
5940 COLLEGE AVENUE
OAKLAND, CALIFORNIA
October 15, 2010

Basemap modified from drawing provided by Gettler Ryan, Inc.

I:\Chevron\3119--\311954 20-9339 Oakland\311954-FIGURES\311954-REPORTS\311954-2010 (006)GN EM001.DWG

TABLE

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 20-9339
5940 COLLEGE AVENUE
OAKLAND, CALIFORNIA

					HYDROCARBONS	*PRIMARY VOCS*			
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-GRO*	*B*	*T*	*E*	*X*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-1	**10/14/2010**	**196.91**	**13.25**	**183.66**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**
MW-2	**10/14/2010**	**197.35**	**12.15**	**185.20**	**480**	**1.3**	**<2.0**	**<2.0**	**7.1**
QA	**10/14/2010**	**-**	**-**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**

Abbreviations and Notes:

TOC = Top of Casing
DTW = Depth to Water
GWE = Groundwater elevation
(ft-amsl) = Feet Above Mean sea level
ft = Feet
µg/L = Micrograms per Liter
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylene
-- = Not available / not applicable
<x = Not detected above laboratory method detection limit

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 20-9339
5940 COLLEGE AVENUE
OAKLAND, CALIFORNIA

					HYDROCARBONS	*PRIMARY VOCS*			
Location	Date	***TOC***	***DTW***	***GWE***	***TPH-GRO***	***B***	***T***	***E***	***X***
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*

* TOC elevations were surveyed on December 27, 2000, by Virgil Chavez Land Surveying. The benchmark used for the survey was the City of Oakland benchmark being a cut square in the top of curb, at the curb return at the northeast corner of College Avenue and Miles Avenue (Benchmark Elev. 179.075 feet msl).

ATTACHMENT A

MONITORING DATA PACKAGE

GETTLER-RYAN INC.

TRANSMITTAL

October 22, 2010
G-R #386521

TO: Ms. Kiersten Hoey
Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: Former Chevron Service Station #209339
5940 College Avenue
Oakland, California
RO 0000466

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **Second Semi-Annual Event of October 15, 2010**

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced data for your use.

Please provide us the updated historical data prior to the next monitoring and sampling event for our field use.

Please feel free to contact me if you have any comments/questions.

trans/209339

WELL CONDITION STATUS SHEET

Client/Facility #: **Chevron #209339**
Site Address: **5940 College Avenue**
City: **Oakland, CA**

Job # **386521**
Event Date: 10-14-10
Sampler: Joe

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y / N	REPLACE CAP Y / N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
MW-1	O.k	O.k	O.k	O.k	O.k	O.k	O.k	N	N	8" Boart Long./2	NO
MW-2	"	"	"	"	"	"	"	"	"	8" Boart Long/2	NO

Comments

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by IWM to Chemical Waste Management located in Kettleman Hills, California.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #209339** Job Number: **386521**

Site Address: **5940 College Avenue** Event Date: 10-14-10 (inclusive)

City: **Oakland, CA** Sampler: Joe

Well ID **MW-1** Date Monitored: 10-14-10

Well Diameter **2** in.

Total Depth 20.14 ft.

Depth to Water 13.25 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

6.89 xVF 0.17 = 1.17 x3 case volume = Estimated Purge Volume: 3.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.62

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

Disposable Bailer	✓
Pressure Bailer	
Discrete Bailer	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 0700 Weather Conditions: clear

Sample Time/Date: 0740 / 10-14-10 Water Color: clear Odor: Y / (N)

Approx. Flow Rate: ~ gpm. Sediment Description: none

Did well de-water? no If yes, Time: - Volume: - gal. DTW @ Sampling: 13.48

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0710	1	7.58	819	19.1		
0716	2.5	7.51	836	19.7		
0723	3.5	7.47	841	19.5		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	3 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8021)

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #209339 Job Number: 386521
Site Address: 5940 College Avenue Event Date: 10-14-10 (inclusive)
City: Oakland, CA Sampler: Joe

Well ID MW-2 Date Monitored: 10-14-10
Well Diameter 2 in.
Total Depth 20.10 ft.
Depth to Water 12.15 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

7.95 xVF 0.17 = 1.35 x3 case volume = Estimated Purge Volume: 4.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.74

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 0800 Weather Conditions: clear
Sample Time/Date: 0838 / 10-14-10 Water Color: clear Odor: Y / N moderate
Approx. Flow Rate: — gpm. Sediment Description: none
Did well de-water? no If yes, Time: — Volume: — gal. DTW @ Sampling: 12.50

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0812	1.5	6.77	651	18.9		
0820	3	6.83	647	19.6		
0827	4.5	6.88	642	19.9		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	3 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8021)

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. #: _____ Sample # _____ Group #: 019947

Facility #: SS#209339-OML G-R#386521 Global ID#T06019752694

Site Address: 5940 COLLEGE AVENUE, OAKLAND, CA

Chevron PM: EF Lead Consultant: CRAHK Hoey

Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568

Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)

Consultant Phone #: 925-551-7555 Fax #: 925-551-7899

Sampler: JOE AJEMIAN

Analyses Requested

Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil ☐ Air	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates ____	Total Lead ____ Method	Dissolved Lead ____ Method
QA	—	—	✓			✓		2	✓	✓					
MW-1	10-14-10	0740	"			"		3	✓	✓					
MW-2	"	0838	"			"		3	✓	✓					

Preservative Codes

H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed

☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation

☐ Confirm highest hit by 8260

☐ Confirm all hits by 8260

☐ Run ____ oxy's on highest hit

☐ Run ____ oxy's on all hits

Comments / Remarks

Please forward the lab results directly to the Lead Consultant and cc: G-R.

Turnaround Time Requested (TAT) (please circle)

STD. TAT | 72 hour | 48 hour | 24 hour | 4 day | 5 day

Data Package Options (please circle if required)

QC Summary | Type I - Full | EDF/EDD | Type VI (Raw Data) | ☐ Coelt Deliverable not needed | WIP (RWQCB) | Disk

	Date	Time		Date	Time
Relinquished by:	10-15-10	0900	Received by:	10/15/10	900
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:		
Temperature Upon Receipt ____ C°			Custody Seals Intact? Yes No		

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

Lancaster Laboratories
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

October 20, 2010

Project: 209339

Submittal Date: 10/16/2010
Group Number: 1216780
PO Number: 0015060774
Release Number: ROBB
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
QA-T-101014 NA Water	6114210
MW-1-W-101014 Grab Water	6114211
MW-2-W-101014 Grab Water	6114212

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	CRA c/o Gettler-Ryan	Attn: Rachelle Munoz
ELECTRONIC COPY TO	Chevron c/o CRA	Attn: Report Contact
ELECTRONIC COPY TO	CRA	Attn: Kiersten Hoey

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Questions? Contact your Client Services Representative
Jill M Parker at (717) 656-2300 Ext. 1241

Respectfully Submitted,

Valerie L. Tomayko
Group Leader

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Sample Description: QA-T-101014 NA Water
Facility# 209339 Job# 386521 GRD
5940 College Ave-Oakland T06019752694 QA

LLI Sample # WW 6114210
LLI Group # 1216780
Account # 10904

Project Name: 209339

Collected: 10/14/2010

Submitted: 10/16/2010 09:20
Reported: 10/20/2010 15:50
Discard: 11/20/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01729	TPH-GRO N. CA water	C6-C12	n.a.	N.D.	50	1
GC Volatiles		**SW-846 8021B**		**ug/l**	**ug/l**	
05879	Benzene		71-43-2	N.D.	0.5	1
05879	Ethylbenzene		100-41-4	N.D.	0.5	1
05879	Toluene		108-88-3	N.D.	0.5	1
05879	Total Xylenes		1330-20-7	N.D.	1.5	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10291A94A	10/18/2010 18:23	Katrina T Longenecker	1
05879	BTEX Water	SW-846 8021B	1	10291A94A	10/18/2010 18:23	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	10291A94A	10/18/2010 18:23	Katrina T Longenecker	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Sample Description: **MW-1-W-101014 Grab Water**
Facility# 209339 Job# 386521 GRD
5940 College Ave-Oakland T06019752694 MW-1

LLI Sample # WW 6114211
LLI Group # 1216780
Account # 10904

Project Name: 209339

Collected: 10/14/2010 07:40 by JA

Submitted: 10/16/2010 09:20
Reported: 10/20/2010 15:50
Discard: 11/20/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01729	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
05879	Benzene	71-43-2	N.D.	0.5	1
05879	Ethylbenzene	100-41-4	N.D.	0.5	1
05879	Toluene	108-88-3	N.D.	0.5	1
05879	Total Xylenes	1330-20-7	N.D.	1.5	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10291A94A	10/19/2010 02:46	Katrina T Longenecker	1
05879	BTEX Water	SW-846 8021B	1	10291A94A	10/19/2010 02:46	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	10291A94A	10/19/2010 02:46	Katrina T Longenecker	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Sample Description: MW-2-W-101014 Grab Water
Facility# 209339 Job# 386521 GRD
5940 College Ave-Oakland T06019752694 MW-2

LLI Sample # WW 6114212
LLI Group # 1216780
Account # 10904

Project Name: 209339

Collected: 10/14/2010 08:38 by JA

Submitted: 10/16/2010 09:20
Reported: 10/20/2010 15:50
Discard: 11/20/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01729	TPH-GRO N. CA water C6-C12	n.a.	480	50	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
05879	Benzene	71-43-2	1.3	0.5	1
05879	Ethylbenzene	100-41-4	N.D.	2.0	1
05879	Toluene	108-88-3	N.D.	2.0	1
05879	Total Xylenes	1330-20-7	7.1	1.5	1

Reporting limits were raised due to interference from the sample matrix.

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10291A94A	10/19/2010 03:13	Katrina T Longenecker	1
05879	BTEX Water	SW-846 8021B	1	10291A94A	10/19/2010 03:13	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	10291A94A	10/19/2010 03:13	Katrina T Longenecker	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 1216780
Reported: 10/20/10 at 03:50 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 10291A94A	Sample number(s): 6114210-6114212							
Benzene	N.D.	0.5	ug/l	95	90	80-120	5	30
Ethylbenzene	N.D.	0.5	ug/l	90	90	80-120	0	30
Toluene	N.D.	0.5	ug/l	95	95	80-120	0	30
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	100	109	75-135	9	30
Total Xylenes	N.D.	1.5	ug/l	93	93	80-120	0	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 10291A94A	Sample number(s): 6114210-6114212 UNSPK: P111150, P111151								
Benzene	75*		80-152						
Ethylbenzene	81		80-133						
Toluene	81		80-133						
TPH-GRO N. CA water C6-C12	97		63-154						
Total Xylenes	79*		80-148						

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 10291A94A

	Trifluorotoluene-F	Trifluorotoluene-P
6114210	87	87
6114211	86	88
6114212	95	87
Blank	87	87
LCS	101	87
LCSD	102	87
MS	103	89
Limits:	63-135	58-146

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Group Number: 1216780
Reported: 10/20/10 at 03:50 PM

Surrogate Quality Control

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

101510-01

For Lancaster Laboratories use only
Acct. #: 10904 Sample # 6114210-12 Group #: 019947

G# 1216780

Facility #: SS#209339-OML G-R#386521 Global ID#T06019752694
Site Address: 5940 COLLEGE AVENUE, OAKLAND, CA
Chevron PM: EF Lead Consultant: CRAHK Hoey
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: JOE AJEMIAN

Analyses Requested

Preservation Codes

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

- ☐ J value reporting needed
- ☐ Must meet lowest detection limits possible for 8260 compounds
- 8021 MTBE Confirmation
- ☐ Confirm highest hit by 8260
- ☐ Confirm all hits by 8260
- ☐ Run ____ oxy's on highest hit
- ☐ Run ____ oxy's on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES)	Matrix: Oil ☐ Air	Total Number of Containers	BTEX 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method
QA	—	—	✓			✓		2	✓	✓					
MW-1	10-14-10	0740	"			"		3	✓	✓					
MW-2	"	0838	"			"		3	✓	✓					

Comments / Remarks

Please forward the lab results directly to the Lead Consultant and cc: G-R.

Turnaround Time Requested (TAT) (please circle)
(STD. TAT) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full **EDF/EDD**
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk

	Date	Time		Date	Time
Relinquished by:	10-15-10	900	Received by:	10/15/10	902
Relinquished by: 150CT10		1636	Received by: FEDEX		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS (FedEx) Other			Received by:		
Temperature Upon Receipt 16.3 C°			Custody Seals Intact? (Yes) No		

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

ATTACHMENT C

HISTORICAL GROUNDWATER DATA

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #209339

5940 College Avenue

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-1									
01/03/01	196.91	12.75	184.16	930[1]	2.9	6.9	2.7	7.6	14/<2.0[3]
04/25/01	196.91	9.23	187.68	210[4]	2.0	1.5	2.0	3.3	5.3/<2.0[3]
07/09/01	196.91	11.86	185.05	290[5]	1.8	2.0	2.5	0.96	<2.5
06/08/00	196.91	13.49	183.42	200	<0.50	<0.50	<0.50	<1.5	<2.5
01/13/02	196.91	7.33	189.58	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/08/02	196.91	7.45	189.46	670	<0.50	<2.0	<1.0	5.6	<2.5
10/15/02	196.91	13.68	183.23	260	0.62	0.82	<0.50	<1.5	--
04/15/03	196.91	6.82	190.09	1,700	1.3	<5.0	<2.0	<5.0	--
10/31/03	196.91	13.72	183.19	150	<2.0	0.7	<2.0	<5.0	--
04/23/04	196.91	9.02	187.89	<50	<0.5	<0.5	<0.5	<1.5	--
10/22/04	196.91	11.50	185.41	63	<0.5	<0.5	<0.5	<1.5	--
04/14/05	196.91	7.11	189.80	<50	<0.5	<0.5	<0.5	<1.5	--
10/14/05	196.91	11.90	185.01	160	<0.5	<0.5	0.6	<5.0	--
04/14/06	196.91	6.95	189.96	<50	<0.5	<0.5	<0.5	<1.5	--
10/26/06	196.91	11.68	185.23	<50	<0.5	<0.5	<0.5	<1.5	--
04/13/07[6]	196.91	10.71	186.20	1,200	3.4	<5.0	2.1	<20	--
10/22/07	196.91	13.75	183.16	<50	<0.5	<0.5	<0.5	<1.5	--
04/21/08	196.91	9.95	186.96	120	<0.5	<0.5	<0.5	<1.5	--
10/15/08	196.91	14.30	182.61	<50	<0.5	<0.5	<0.5	<1.5	--
04/15/09	196.91	9.20	187.71	<50	<0.5	<0.5	<0.5	<1.5	--
10/01/09	196.91	14.26	182.65	<50	<0.5	<0.5	<0.5	<1.5	--
04/12/10	**196.91**	**7.04**	**189.87**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**
MW-2									
01/03/01	197.35	12.48	184.87	2,100[2]	110	11	63	25	83/2.2[3]
04/25/01	197.35	8.90	188.45	1,700[4]	150	12	30	15	150/<2.0[3]
07/09/01	197.35	11.44	185.91	2,500[5]	200	21	55	26	<50
04/08/02	197.35	13.37	183.98	4,200	87	2.8	29	9.8	<2.5
01/13/02	197.35	6.55	190.80	410	20	2.9	<2.5	4.4	27/<2.0[3]
04/08/02	197.35	8.37	188.98	4,000	70	1.7	17	17	<2.5
10/15/02	197.35	13.00	184.35	3,100	41	2.2	16	<6.0	--
04/15/03	197.35	7.58	189.77	2,400	37	<2.5	12	<7.5	--
10/31/03	197.35	13.02	184.33	2,300	12	3.4	4.8	<7.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #209339

5940 College Avenue

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-2 (cont)									
04/23/04	197.35	8.38	188.97	960	8.9	1.0	2.4	<1.5	--
10/22/04	197.35	11.41	185.94	2,200	24	<2.5	4.1	<10	--
04/14/05	197.35	6.69	190.66	640	2.1	<2.0	<2.0	7.5	--
10/14/05	197.35	11.14	186.21	1,200	6.9	<2.5	<2.5	<7.5	--
04/14/06	197.35	6.54	190.81	180	<0.5	<0.5	<0.5	<5.0	--
10/26/06	197.35	11.02	186.33	550	<2.0	0.5	<2.0	<10	--
04/13/07[6]	197.35	9.95	187.40	<50	<0.5	<0.5	<0.5	<1.5	--
10/22/07	197.35	12.63	184.72	3,200	12	<5.0	4.7	<20	--
04/21/08	197.35	9.31	188.04	860	1.0	<2.0[7]	<2.0[7]	<10[7]	--
10/15/08	197.35	13.71	183.64	480	1.3	0.8	1.1	<5.0[8]	--
04/15/09	197.35	8.79	188.56	370	0.7	1.3	0.9	6.5	--
10/01/09	197.35	13.67	183.68	<50	<0.5	<0.5	<0.5	<1.5	--
04/12/10	**197.35**	**6.62**	**190.73**	**310**	**1.0**	**<0.5**	**0.5**	**<1.5**	**--**
TRIP BLANK									
TB-LB									
01/03/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/25/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/09/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA									
10/08/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
01/13/02	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/08/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
10/15/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	--
04/15/03	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/31/03	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
04/23/04	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/22/04	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
04/14/05	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/14/05	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
04/14/06	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/26/06	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
04/13/07	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #209339

5940 College Avenue

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
QA (cont)									
10/22/07	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
04/21/08	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/15/08	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
04/15/09	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/01/09	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
04/12/10	**--**	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #209339
5940 College Avenue
Oakland, California

EXPLANATIONS:

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
GWE = Groundwater Elevation
(msl) = Mean sea level
TPH = Total Petroleum Hydrocarbons
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
(µg/L) = Micrograms per liter
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed on December 27, 2000, by Virgil Chavez Land Surveying. The benchmark used for the survey was a City of Oakland benchmark being a cut square in the top of curb, at the curb return at the northeast corner of College Avenue and Miles Avenue, (Benchmark Elev. = 179.075 feet, msl).

[1] Laboratory report indicates unidentified hydrocarbons C6-C12.

[2] Laboratory report indicates gasoline C6-C12.

[3] MTBE by EPA Method 8260.

[4] Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons <C6.

[5] Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.

[6] Current laboratory analytical results do not coincide with historical data, although the laboratory results were confirmed.

[7] Laboratory report indicates that due to the presence of interferent near their retention time, normal reporting limits were not attained for toluene, ethylbenzene, and total xylenes. The presence or concentration of these compounds cannot be determined below the reporting limits due to the presence of these interferents.

[8] Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for total xylenes. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #209339
5940 College Avenue
Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)
MW-1	01/03/01	<500	<50	<2.0	<2.0	<2.0	<2.0	<2.0
	04/25/01	--	<20	<2.0	<2.0	<2.0	<2.0	--
MW-2	01/03/01	<500	<50	2.2	<2.0	<2.0	<2.0	<2.0
	04/25/01	--	<20	<2.0	<2.0	<2.0	<2.0	--
	01/13/02	--	<20	<2.0	<2.0	<2.0	<2.0	--

EXPLANATIONS:

TBA = t-Butyl alcohol
MTBE = Methyl Tertiary Butyl Ether
DIPE = di-Isopropyl ether
ETBE = Ethyl t-butyl ether
TAME = t-Amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
(µg/L) = Micrograms per liter
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Table 3
Groundwater Analytical Results
Former Chevron Service Station #209339
5940 College Avenue
Oakland, California

WELL ID	DATE	FERROUS IRON *(mg/L)*	TOTAL ALKALINITY *(mg/L)*	SULFATE AS SO_4 *(mg/L)*
MW-1	04/25/01	0.15	380	11
	07/09/01	<0.050	410	6.8
	10/08/01	--[1]	414	5.4
	01/13/02	<0.10[2]	390	10
MW-2	04/25/01	0.093	680	21
	07/09/01	0.44	600	9.3
	10/08/01	--[1]	683	3.8
	01/13/02	<0.10[2]	630	7.0

EXPLANATIONS:

(mg/L) = milligrams per liter
-- = Not Analyzed

ANALYTICAL METHODS:

EPA Method SM 3500 Fe for Ferrous Iron
EPA Method 310.1 for Total Alkalinity
EPA Method 300.0 for Sulfate as SO_4

[1] Analysis was not performed by the laboratory as requested on the Chain of Custody.
[2] Due to sample transfer by the lab from one laboratory to another, the sample was received beyond the EPA recommended holding time.

Table 4

Field Measurements

Former Chevron Service Station #209339

5940 College Avenue

Oakland, California

WELL ID	DATE	D.O. Before Purging *(mg/L)*	ORP Before Purging *(mV)*
MW-1	07/09/01	1.25	111
	10/08/01	1.20	64
	01/13/02[1]	--	--
MW-2	07/09/01	1.89	16
	10/08/01	1.04	58
	01/13/02[1]	--	--

EXPLANATIONS:

D.O. = Dissolved Oxygen Concentration

(mg/L) = Milligrams per liter

ORP = Oxygen Reduction Potential

(mV) = Millivolt

-- = Not Measured

[1] D.O. and ORP meter erratic; measurements not taken.

ATTACHMENT D

TORRENT LABORATORY SAMPLE RESULTS SUMMARY

Golden Gate Ennvironmental
3730 Mission St
San Francisco, California 94110
Tel: (415) 686-8846

RE: 5930 College Ave

Work Order No.: 1010137

Dear Brent Wheeler:

Torrent Laboratory, Inc. received 4 sample(s) on October 18, 2010 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Patti Sandrock

October 25, 2010
Date

Date: 10/25/2010

Client: Golden Gate Ennvironmental

Project: 5930 College Ave

Work Order: 1010137

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brent Wheeler
Golden Gate Ennvironmental

Date Received: 10/18/10
Date Reported: 10/25/10

MW-1 1010137-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	110	37	55	8100	ug/L
Toluene	SW8260B	110	21	55	820	ug/L
Ethyl Benzene	SW8260B	110	17	55	2200	ug/L
m,p-Xylene	SW8260B	110	22	110	3300	ug/L
o-Xylene	SW8260B	110	14	55	1100	ug/L
TPH(Gasoline)	8260TPH	110	2400	5500	24000	ug/L
MTBE	SW8260B	8.8	3.3	4.4	220	ug/L
tert-Butanol	SW8260B	8.8	13	44	130	ug/L

MW-2 1010137-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	8.8	3.3	4.4	35	ug/L
Benzene	SW8260B	8.8	2.9	4.4	460	ug/L
Toluene	SW8260B	8.8	1.7	4.4	16	ug/L
Ethyl Benzene	SW8260B	8.8	1.4	4.4	230	ug/L
m,p-Xylene	SW8260B	8.8	1.8	8.8	100	ug/L
o-Xylene	SW8260B	8.8	1.1	4.4	10	ug/L
TPH(Gasoline)	8260TPH	8.8	190	440	3200	ug/L

MW-3 1010137-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	8.8	2.9	4.4	270	ug/L
Toluene	SW8260B	8.8	1.7	4.4	11	ug/L
Ethyl Benzene	SW8260B	8.8	1.4	4.4	290	ug/L
m,p-Xylene	SW8260B	8.8	1.8	8.8	390	ug/L
o-Xylene	SW8260B	8.8	1.1	4.4	9.2	ug/L
TPH(Gasoline)	8260TPH	8.8	190	440	2700	ug/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brent Wheeler
Golden Gate Ennvironmental

Date Received: 10/18/10
Date Reported: 10/25/10

PW-1 1010137-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	1	22	50	860	ug/L
cis-1,2-Dichloroethene	SW8260B	1	0.33	0.50	61	ug/L
Benzene	SW8260B	1	0.33	0.50	8.8	ug/L
Trichloroethylene	SW8260B	1	0.38	0.50	5.0	ug/L
Toluene	SW8260B	1	0.19	0.50	0.55	ug/L
Tetrachloroethylene	SW8260B	1	0.15	0.50	35	ug/L
Ethyl Benzene	SW8260B	1	0.15	0.50	44	ug/L
m,p-Xylene	SW8260B	1	0.20	1.0	44	ug/L
Isopropyl Benzene	SW8260B	1	0.28	0.50	9.8	ug/L
n-Propylbenzene	SW8260B	1	0.30	0.50	15	ug/L
1,3,5-Trimethylbenzene	SW8260B	1	0.20	0.50	12	ug/L
1,2,4-Trimethylbenzene	SW8260B	1	0.33	0.50	44	ug/L
sec-Butyl Benzene	SW8260B	1	0.24	0.50	4.4	ug/L
Naphthalene	SW8260B	1	0.57	1.0	4.0	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brent Wheeler
Golden Gate Ennvironmental

Date Received: 10/18/10
Date Reported: 10/25/10

Client Sample ID:	MW-1	**Lab Sample ID:**	1010137-001A
Project Name/Location:	5930 College Ave	**Sample Matrix:**	Groundwater
Project Number:	GGE 2014		
Date/Time Sampled:	10/14/10 / 13:05		
Tag Number:	5930 College Ave		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzene	SW8260B	NA	10/25/10	110	37	55	8100		ug/L	402744	NA
Toluene	SW8260B	NA	10/25/10	110	21	55	820		ug/L	402744	NA
Ethyl Benzene	SW8260B	NA	10/25/10	110	17	55	2200		ug/L	402744	NA
m,p-Xylene	SW8260B	NA	10/25/10	110	22	110	3300		ug/L	402744	NA
o-Xylene	SW8260B	NA	10/25/10	110	14	55	1100		ug/L	402744	NA
(S) Dibromofluoromethane	SW8260B	NA	10/25/10	110	61.2	131	113		%	402744	NA
(S) Toluene-d8	SW8260B	NA	10/25/10	110	75.1	127	99.6		%	402744	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/25/10	110	64.1	120	95.1		%	402744	NA
MTBE	SW8260B	NA	10/19/10	8.8	3.3	4.4	220		ug/L	402742	NA
tert-Butanol	SW8260B	NA	10/19/10	8.8	13	44	130		ug/L	402742	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/19/10	8.8	3.2	4.4	ND		ug/L	402742	NA
ETBE	SW8260B	NA	10/19/10	8.8	3.5	4.4	ND		ug/L	402742	NA
TAME	SW8260B	NA	10/19/10	8.8	2.8	4.4	ND		ug/L	402742	NA
1,2-Dichloroethane	SW8260B	NA	10/19/10	8.8	2.4	4.4	ND		ug/L	402742	NA
1,2-Dibromoethane	SW8260B	NA	10/19/10	8.8	1.7	4.4	ND		ug/L	402742	NA
(S) Dibromofluoromethane	SW8260B	NA	10/19/10	8.8	61.2	131	123		%	402742	NA
(S) Toluene-d8	SW8260B	NA	10/19/10	8.8	75.1	127	124		%	402742	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/19/10	8.8	64.1	120	86.8		%	402742	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/25/10	10/25/10	110	2400	5500	24000	x	ug/L	402744	1414
(S) 4-Bromofluorobenzene	8260TPH	10/25/10	10/25/10	110	34	114	64.4		%	402744	1414

NOTE: x - Does not match pattern of reference Gasoline standard. Although TPH as Gasoline compounds are present, result is elevated due to high concentration of discrete peak (Benzene). Pattern more typical of aged gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brent Wheeler
Golden Gate Ennvironmental

Date Received: 10/18/10
Date Reported: 10/25/10

Client Sample ID:	MW-2	**Lab Sample ID:**	1010137-002A
Project Name/Location:	5930 College Ave	**Sample Matrix:**	Groundwater
Project Number:	GGE 2014		
Date/Time Sampled:	10/14/10 / 10:00		
Tag Number:	5930 College Ave		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/19/10	8.8	3.3	4.4	35		ug/L	402742	NA
tert-Butanol	SW8260B	NA	10/19/10	8.8	13	44	ND		ug/L	402742	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/19/10	8.8	3.2	4.4	ND		ug/L	402742	NA
ETBE	SW8260B	NA	10/19/10	8.8	3.5	4.4	ND		ug/L	402742	NA
Benzene	SW8260B	NA	10/19/10	8.8	2.9	4.4	460		ug/L	402742	NA
TAME	SW8260B	NA	10/19/10	8.8	2.8	4.4	ND		ug/L	402742	NA
1,2-Dichloroethane	SW8260B	NA	10/19/10	8.8	2.4	4.4	ND		ug/L	402742	NA
Toluene	SW8260B	NA	10/19/10	8.8	1.7	4.4	16		ug/L	402742	NA
1,2-Dibromoethane	SW8260B	NA	10/19/10	8.8	1.7	4.4	ND		ug/L	402742	NA
Ethyl Benzene	SW8260B	NA	10/19/10	8.8	1.4	4.4	230		ug/L	402742	NA
m,p-Xylene	SW8260B	NA	10/19/10	8.8	1.8	8.8	100		ug/L	402742	NA
o-Xylene	SW8260B	NA	10/19/10	8.8	1.1	4.4	10		ug/L	402742	NA
(S) Dibromofluoromethane	SW8260B	NA	10/19/10	8.8	61.2	131	104		%	402742	NA
(S) Toluene-d8	SW8260B	NA	10/19/10	8.8	75.1	127	105		%	402742	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/19/10	8.8	64.1	120	102		%	402742	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/19/10	10/19/10	8.8	190	440	3200	x	ug/L	402742	1409
(S) 4-Bromofluorobenzene	8260TPH	10/19/10	10/19/10	8.8	34	114	40.1		%	402742	1409

NOTE: x - Does not match pattern of reference Gasoline standard. Although TPH as Gasoline compounds are present, result is elevated due to high concentration of discrete peak (Benzene). Pattern more typical of aged gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brent Wheeler
Golden Gate Ennvironmental

Date Received: 10/18/10
Date Reported: 10/25/10

Client Sample ID:	MW-3	**Lab Sample ID:**	1010137-003A
Project Name/Location:	5930 College Ave	**Sample Matrix:**	Groundwater
Project Number:	GGE 2014		
Date/Time Sampled:	10/14/10 / 12:05		
Tag Number:	5930 College Ave		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/19/10	8.8	3.3	4.4	ND		ug/L	402742	NA
tert-Butanol	SW8260B	NA	10/19/10	8.8	13	44	ND		ug/L	402742	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/19/10	8.8	3.2	4.4	ND		ug/L	402742	NA
ETBE	SW8260B	NA	10/19/10	8.8	3.5	4.4	ND		ug/L	402742	NA
Benzene	SW8260B	NA	10/19/10	8.8	2.9	4.4	270		ug/L	402742	NA
TAME	SW8260B	NA	10/19/10	8.8	2.8	4.4	ND		ug/L	402742	NA
1,2-Dichloroethane	SW8260B	NA	10/19/10	8.8	2.4	4.4	ND		ug/L	402742	NA
Toluene	SW8260B	NA	10/19/10	8.8	1.7	4.4	11		ug/L	402742	NA
1,2-Dibromoethane	SW8260B	NA	10/19/10	8.8	1.7	4.4	ND		ug/L	402742	NA
Ethyl Benzene	SW8260B	NA	10/19/10	8.8	1.4	4.4	290		ug/L	402742	NA
m,p-Xylene	SW8260B	NA	10/19/10	8.8	1.8	8.8	390		ug/L	402742	NA
o-Xylene	SW8260B	NA	10/19/10	8.8	1.1	4.4	9.2		ug/L	402742	NA
(S) Dibromofluoromethane	SW8260B	NA	10/19/10	8.8	61.2	131	109		%	402742	NA
(S) Toluene-d8	SW8260B	NA	10/19/10	8.8	75.1	127	116		%	402742	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/19/10	8.8	64.1	120	108		%	402742	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/19/10	10/19/10	8.8	190	440	2700	x	ug/L	402742	1409
(S) 4-Bromofluorobenzene	8260TPH	10/19/10	10/19/10	8.8	34	114	25.6	S	%	402742	1409

NOTE: x - Does not match pattern of reference Gasoline standard. Although TPH as Gasoline compounds are present, result elevated due to high concentration of Benzene. Pattern more typical of aged gasoline.
S - Surrogate recovery out of range; matrix effect

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brent Wheeler
Golden Gate Ennvironmental

Date Received: 10/18/10
Date Reported: 10/25/10

Client Sample ID:	PW-1	**Lab Sample ID:**	1010137-004A
Project Name/Location:	5930 College Ave	**Sample Matrix:**	Groundwater
Project Number:	GGE 2014		
Date/Time Sampled:	10/14/10 / 13:50		
Tag Number:	5930 College Ave		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	10/25/10	1	0.41	0.50	ND		ug/L	402744	NA
Chloromethane	SW8260B	NA	10/25/10	1	0.41	0.50	ND		ug/L	402744	NA
Vinyl Chloride	SW8260B	NA	10/25/10	1	0.37	0.50	ND		ug/L	402744	NA
Bromomethane	SW8260B	NA	10/25/10	1	0.37	0.50	ND		ug/L	402744	NA
Trichlorofluoromethane	SW8260B	NA	10/25/10	1	0.34	0.50	ND		ug/L	402744	NA
1,1-Dichloroethene	SW8260B	NA	10/25/10	1	0.29	0.50	ND		ug/L	402744	NA
Freon 113	SW8260B	NA	10/25/10	1	0.38	0.50	ND		ug/L	402744	NA
Methylene Chloride	SW8260B	NA	10/25/10	1	0.18	5.0	ND		ug/L	402744	NA
trans-1,2-Dichloroethene	SW8260B	NA	10/25/10	1	0.31	0.50	ND		ug/L	402744	NA
MTBE	SW8260B	NA	10/25/10	1	0.38	0.50	ND		ug/L	402744	NA
tert-Butanol	SW8260B	NA	10/25/10	1	1.5	5.0	ND		ug/L	402744	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/25/10	1	0.36	0.50	ND		ug/L	402744	NA
1,1-Dichloroethane	SW8260B	NA	10/25/10	1	0.28	0.50	ND		ug/L	402744	NA
ETBE	SW8260B	NA	10/25/10	1	0.40	0.50	ND		ug/L	402744	NA
cis-1,2-Dichloroethene	SW8260B	NA	10/25/10	1	0.33	0.50	61		ug/L	402744	NA
2,2-Dichloropropane	SW8260B	NA	10/25/10	1	0.37	0.50	ND		ug/L	402744	NA
Bromochloromethane	SW8260B	NA	10/25/10	1	0.34	0.50	ND		ug/L	402744	NA
Chloroform	SW8260B	NA	10/25/10	1	0.29	0.50	ND		ug/L	402744	NA
Carbon Tetrachloride	SW8260B	NA	10/25/10	1	0.26	0.50	ND		ug/L	402744	NA
1,1,1-Trichloroethane	SW8260B	NA	10/25/10	1	0.32	0.50	ND		ug/L	402744	NA
1,1-Dichloropropene	SW8260B	NA	10/25/10	1	0.40	0.50	ND		ug/L	402744	NA
Benzene	SW8260B	NA	10/25/10	1	0.33	0.50	8.8		ug/L	402744	NA
TAME	SW8260B	NA	10/25/10	1	0.32	0.50	ND		ug/L	402744	NA
1,2-Dichloroethane	SW8260B	NA	10/25/10	1	0.28	0.50	ND		ug/L	402744	NA
Trichloroethylene	SW8260B	NA	10/25/10	1	0.38	0.50	5.0		ug/L	402744	NA
Dibromomethane	SW8260B	NA	10/25/10	1	0.21	0.50	ND		ug/L	402744	NA
1,2-Dichloropropane	SW8260B	NA	10/25/10	1	0.37	0.50	ND		ug/L	402744	NA
Bromodichloromethane	SW8260B	NA	10/25/10	1	0.23	0.50	ND		ug/L	402744	NA
2-Chloroethyl vinyl ether	SW8260B	NA	10/25/10	1	0.91	2.0	ND		ug/L	402744	NA
cis-1,3-Dichloropropene	SW8260B	NA	10/25/10	1	0.30	0.50	ND		ug/L	402744	NA
Toluene	SW8260B	NA	10/25/10	1	0.19	0.50	0.55		ug/L	402744	NA
Tetrachloroethylene	SW8260B	NA	10/25/10	1	0.15	0.50	35		ug/L	402744	NA
trans-1,3-Dichloropropene	SW8260B	NA	10/25/10	1	0.20	0.50	ND		ug/L	402744	NA
1,1,2-Trichloroethane	SW8260B	NA	10/25/10	1	0.20	0.50	ND		ug/L	402744	NA
Dibromochloromethane	SW8260B	NA	10/25/10	1	0.21	0.50	ND		ug/L	402744	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brent Wheeler
Golden Gate Ennvironmental

Date Received: 10/18/10
Date Reported: 10/25/10

Client Sample ID:	PW-1	**Lab Sample ID:**	1010137-004A
Project Name/Location:	5930 College Ave	**Sample Matrix:**	Groundwater
Project Number:	GGE 2014		
Date/Time Sampled:	10/14/10 / 13:50		
Tag Number:	5930 College Ave		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dichloropropane	SW8260B	NA	10/25/10	1	0.18	0.50	ND		ug/L	402744	NA
1,2-Dibromoethane	SW8260B	NA	10/25/10	1	0.19	0.50	ND		ug/L	402744	NA
Chlorobenzene	SW8260B	NA	10/25/10	1	0.14	0.50	ND		ug/L	402744	NA
Ethyl Benzene	SW8260B	NA	10/25/10	1	0.15	0.50	44		ug/L	402744	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	10/25/10	1	0.10	0.50	ND		ug/L	402744	NA
m,p-Xylene	SW8260B	NA	10/25/10	1	0.20	1.0	44		ug/L	402744	NA
o-Xylene	SW8260B	NA	10/25/10	1	0.13	0.50	ND		ug/L	402744	NA
Styrene	SW8260B	NA	10/25/10	1	0.20	0.50	ND		ug/L	402744	NA
Bromoform	SW8260B	NA	10/25/10	1	0.45	1.0	ND		ug/L	402744	NA
Isopropyl Benzene	SW8260B	NA	10/25/10	1	0.28	0.50	9.8		ug/L	402744	NA
Bromobenzene	SW8260B	NA	10/25/10	1	0.39	0.50	ND		ug/L	402744	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	10/25/10	1	0.26	0.50	ND		ug/L	402744	NA
n-Propylbenzene	SW8260B	NA	10/25/10	1	0.30	0.50	15		ug/L	402744	NA
2-Chlorotoluene	SW8260B	NA	10/25/10	1	0.33	0.50	ND		ug/L	402744	NA
1,3,5-Trimethylbenzene	SW8260B	NA	10/25/10	1	0.20	0.50	12		ug/L	402744	NA
4-Chlorotoluene	SW8260B	NA	10/25/10	1	0.32	0.50	ND		ug/L	402744	NA
tert-Butylbenzene	SW8260B	NA	10/25/10	1	0.29	0.50	ND		ug/L	402744	NA
1,2,3-Trichloropropane	SW8260B	NA	10/25/10	1	0.59	1.0	ND		ug/L	402744	NA
1,2,4-Trimethylbenzene	SW8260B	NA	10/25/10	1	0.33	0.50	44		ug/L	402744	NA
sec-Butyl Benzene	SW8260B	NA	10/25/10	1	0.24	0.50	4.4		ug/L	402744	NA
p-Isopropyltoluene	SW8260B	NA	10/25/10	1	0.25	0.50	ND		ug/L	402744	NA
1,3-Dichlorobenzene	SW8260B	NA	10/25/10	1	0.31	0.50	ND		ug/L	402744	NA
1,4-Dichlorobenzene	SW8260B	NA	10/25/10	1	0.37	0.50	ND		ug/L	402744	NA
n-Butylbenzene	SW8260B	NA	10/25/10	1	0.32	0.50	ND		ug/L	402744	NA
1,2-Dichlorobenzene	SW8260B	NA	10/25/10	1	0.39	0.50	ND		ug/L	402744	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	10/25/10	1	0.45	1.0	ND		ug/L	402744	NA
Hexachlorobutadiene	SW8260B	NA	10/25/10	1	0.22	0.50	ND		ug/L	402744	NA
1,2,4-Trichlorobenzene	SW8260B	NA	10/25/10	1	0.48	1.0	ND		ug/L	402744	NA
Naphthalene	SW8260B	NA	10/25/10	1	0.57	1.0	4.0		ug/L	402744	NA
1,2,3-Trichlorobenzene	SW8260B	NA	10/25/10	1	0.52	1.0	ND		ug/L	402744	NA
(S) Dibromofluoromethane	SW8260B	NA	10/25/10	1	61.2	131	106		%	402744	NA
(S) Toluene-d8	SW8260B	NA	10/25/10	1	75.1	127	96.8		%	402744	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/25/10	1	64.1	120	109		%	402744	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brent Wheeler
Golden Gate Ennvironmental

Date Received: 10/18/10
Date Reported: 10/25/10

Client Sample ID:	PW-1	**Lab Sample ID:**	1010137-004A
Project Name/Location:	5930 College Ave	**Sample Matrix:**	Groundwater
Project Number:	GGE 2014		
Date/Time Sampled:	10/14/10 / 13:50		
Tag Number:	5930 College Ave		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/25/10	10/25/10	1	22	50	860	x	ug/L	402744	1414
(S) 4-Bromofluorobenzene	8260TPH	10/25/10	10/25/10	1	34	114	65.5		%	402744	1414

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes significant amount of non-target hydrocarbons (HVOCs and possibly aged gasoline) within range of C5-C12 quantified as gasoline.

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1010137	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/19/10	**Analytical Batch:**	402742
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
2-Chloroethyl vinyl ether	0.91	2.0	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	
Tetrachloroethylene	0.15	0.50	ND	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1010137	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/19/10	**Analytical Batch:**	402742
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
m,p-Xylene	0.20	1.0	ND	
o-Xylene	0.13	0.50	ND	
Styrene	0.20	0.50	ND	
Bromoform	0.45	1.0	ND	
Isopropyl Benzene	0.28	0.50	ND	
Bromobenzene	0.39	0.50	ND	
1,1,2,2-Tetrachloroethane	0.26	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
2-Chlorotoluene	0.33	0.50	ND	
1,3,5-Trimethylbenzene	0.20	0.50	ND	
4-Chlorotoluene	0.32	0.50	ND	
tert-Butylbenzene	0.29	0.50	ND	
1,2,3-Trichloropropane	0.59	1.0	ND	
1,2,4-Trimethylbenzene	0.33	0.50	ND	
sec-Butyl Benzene	0.24	0.50	ND	
p-Isopropyltoluene	0.25	0.50	ND	
1,3-Dichlorobenzene	0.31	0.50	ND	
1,4-Dichlorobenzene	0.37	0.50	ND	
n-Butylbenzene	0.32	0.50	ND	
1,2-Dichlorobenzene	0.39	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND	
Hexachlorobutadiene	0.22	0.50	ND	
1,2,4-Trichlorobenzene	0.48	1.0	ND	
Naphthalene	0.57	1.0	ND	
1,2,3-Trichlorobenzene	0.52	1.0	ND	
Ethanol	100	100	ND	TIC
(S) Dibromofluoromethane			102	
(S) Toluene-d8			113	
(S) 4-Bromofluorobenzene			101	

Work Order:	1010137	**Prep Method:**	5030	**Prep Date:**	10/19/10	**Prep Batch:**	1409
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/19/10	**Analytical Batch:**	402742
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			71.1	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1010137	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/25/10	**Analytical Batch:**	402744
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
2-Chloroethyl vinyl ether	0.91	2.0	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	
Tetrachloroethylene	0.15	0.50	ND	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1010137	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/25/10	**Analytical Batch:**	402744
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	0.13	0.50	ND	
Styrene	0.20	0.50	ND	
Bromoform	0.45	1.0	ND	
Isopropyl Benzene	0.28	0.50	ND	
Bromobenzene	0.39	0.50	ND	
1,1,2,2-Tetrachloroethane	0.26	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
2-Chlorotoluene	0.33	0.50	ND	
1,3,5-Trimethylbenzene	0.20	0.50	ND	
4-Chlorotoluene	0.32	0.50	ND	
tert-Butylbenzene	0.29	0.50	ND	
1,2,3-Trichloropropane	0.59	1.0	ND	
1,2,4-Trimethylbenzene	0.33	0.50	ND	
sec-Butyl Benzene	0.24	0.50	ND	
p-Isopropyltoluene	0.25	0.50	ND	
1,3-Dichlorobenzene	0.31	0.50	ND	
1,4-Dichlorobenzene	0.37	0.50	ND	
n-Butylbenzene	0.32	0.50	ND	
1,2-Dichlorobenzene	0.39	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND	
Hexachlorobutadiene	0.22	0.50	ND	
1,2,4-Trichlorobenzene	0.48	1.0	ND	
Naphthalene	0.57	1.0	ND	
1,2,3-Trichlorobenzene	0.52	1.0	ND	
Ethanol	100	100	ND	TIC
(S) Dibromofluoromethane			97.4	
(S) Toluene-d8			97.3	
(S) 4-Bromofluorobenzene			112	

Work Order:	1010137	**Prep Method:**	5030	**Prep Date:**	10/25/10	**Prep Batch:**	1414
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/25/10	**Analytical Batch:**	402744
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			75.1	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1010137	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/19/10	**Analytical Batch:**	402742
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50		17.04	82.3	74.6	9.66	61.4 - 129	30	
Benzene	0.33	0.50		17.04	90.6	79.5	12.8	66.9 - 140	30	
Trichloroethylene	0.38	0.50		17.04	92.8	89.4	3.67	69.3 - 144	30	
Toluene	0.19	0.50		17.04	85.8	81.7	4.70	76.6 - 123	30	
Chlorobenzene	0.14	0.50		17.04	82.5	109	27.5	73.9 - 137	30	
(S) Dibromofluoromethane				11.36	117	110		61.2 - 131		
(S) Toluene-d8				11.36	98.8	107		75.1 - 127		
(S) 4-Bromofluorobenzene				11.36	107	72.8		64.1 - 120		

Work Order:	1010137	**Prep Method:**	5030	**Prep Date:**	10/19/10	**Prep Batch:**	1409
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/19/10	**Analytical Batch:**	402742
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50		227.27	102	97.0	5.10	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.36	75.4	68.2		58.4 - 133		

Work Order:	1010137	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/25/10	**Analytical Batch:**	402744
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50		17.04	86.9	84.6	2.60	61.4 - 129	30	
Benzene	0.33	0.50		17.04	92.5	92.2	0.571	66.9 - 140	30	
Trichloroethylene	0.38	0.50		17.04	96.9	97.4	0.544	69.3 - 144	30	
Toluene	0.19	0.50		17.04	101	104	2.62	76.6 - 123	30	
Chlorobenzene	0.14	0.50		17.04	89.0	105	16.5	73.9 - 137	30	
(S) Dibromofluoromethane				11.36	84.2	87.4		61.2 - 131		
(S) Toluene-d8				11.36	95.4	103		75.1 - 127		
(S) 4-Bromofluorobenzene				11.36	105	102		64.1 - 120		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1010137	**Prep Method:**	5030	**Prep Date:**	10/25/10	**Prep Batch:**	1414
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/25/10	**Analytical Batch:**	402744
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50		227.27	107	81.0	27.3	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.36	75.9	57.4		58.4 - 133		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Golden Gate Ennvironmental

Project Name: 5930 College Ave

Work Order No.: 1010137

Date and Time Received: 10/18/2010 14:40

Received By: NK

Physically Logged By: NK

Checklist Completed By: NK

Carrier Name: Gold Bullet Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Yes

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes		
Container/Temp Blank temperature in compliance?		Temperature:	°C
Water-VOA vials have zero headspace?			
Water-pH acceptable upon receipt?			
pH Checked by:		pH Adjusted by:	

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5127 Golden Gate Ennvironmental
Project Name: 5930 College Ave
Project # : GGE 2014
Report Due Date: 10/25/2010

QC Level:
TAT Requested: 5+ day:0
Date Received: 10/18/2010
Time Received: 14:40

Comments: 5 day TAT! Received 4 waters for TPHg,BTEX,fuel oxys and 1 for 8260 full list.

Work Order # : ***1010137***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1010137-001A	MW-1	10/14/10 13:05	Water	12/02/10			W_8260Pet W_GCMS-GRO	
Sample Note:	TPHg,BTEX,Fuel oxys.							
1010137-002A	MW-2	10/14/10 10:00	Water	12/02/10			W_8260Pet W_GCMS-GRO	
1010137-003A	MW-3	10/14/10 12:05	Water	12/02/10			W_8260Pet W_GCMS-GRO	
1010137-004A	PW-1	10/14/10 13:50	Water	12/02/10			W_GCMS-GRO W_8260Full	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
Milpitas, CA 95035
Phone: 408.263.5258 RESET
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 1010137

Company Name: Golden Gate Environmental, Inc.	Location of Sampling: 5930 College Avenue, Oakland
Address: 3730 Mission Street	Purpose: 4th Quarter 2010 GWM
City: San Francisco State: CA Zip Code: 94110	Special Instructions / Comments: Global ID: T0600102112. Field Point ID=Sample ID
Telephone: 415-970-9088 FAX: 415-970-9089	
REPORT TO: Brent Wheeler SAMPLER: John Carver	P.O. #: GGE 2014 EMAIL: b.wheeler@ggtr.com

TURNAROUND TIME:
☐ 10 Work Days ☐ 3 Work Days ☐ Noon - Nxt Day
☐ 7 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours
☑ 5 Work Days ☐ 1 Work Day ☐ Other

SAMPLE TYPE:
☐ Storm Water ☐ Air
☐ Waste Water ☐ Other
☑ Ground Water
☐ Soil

REPORT FORMAT:
☐ QC Level IV
☑ EDF
☐ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPH-G, BTEX	Fuel Oxygenates	VOCs (Full List)							REMARKS
001A	MW-1	101410/1305	GW	3	Voa	✓	✓								
002A	MW-2	101410/1000	GW	3	Voa	✓	✓								
003A	MW-3	101410/1205	GW	3	Voa	✓	✓								
004A	PW-1	101410/1350	GW	3	Voa	✓		✓							

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	[signature]	John Carver	10/14/10		[signature]	Lorna Christoff	10/18/10	1244
2	[signature]	Lorna Christoff	10-18-10	240	[signature]		10/18/10	2:40 pm

Were Samples Received in Good Condition? ☑ Yes ☐ NO Samples on Ice? ☐ Yes ☒ NO Method of Shipment Gold Ballet Sample seals intact? ☐ Yes ☐ NO ☒ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrange -ments are made.

Page 1 of 1

Log In By: Date: Log In Reviewed By: Date:

TABLE 1

Historical Groundwater Levels & Hydrocarbon Analytical Results

5930 College Avenue, Oakland, CA

Well ID	Sample Date	Casing Elevation (ft, MSL)	Depth to GW (ft, TOC)	Water Elevation (ft, MSL)	Product Odor/ Sheen	TPH-G (ug/L)	MTBE (ug/L)	BTEX (ug/L)
MW-1	6/1/98	50.00 *	4.81	45.19	slight sheen	160000	1900	28000 / 21000 / 3800 / 21000
	9/10/98	50.00 *	7.5	42.5	Odor	290000	440	<50 / 25000 / 7100 / 32000
	10/7/99	50.00 *	10.04	39.96	Odor	85000	1100	20000 / 13000 / 3800 / 17000
	1/26/00	50.00 *	8.26	41.74	slight sheen	130000	470	25000 / 18000 / 4500 / 22000
	10/25/00	50.00 *	10.1	39.9	Odor	130000	1300	23000 / 12000 / 3900 / 18000
	2/2/01	50.00 *	9.61	40.39	Odor	128000	780	19000 / 11000 / 3800 / 18000
	4/25/01	195.9	7.39	188.51	Odor	120000	900	21000 / 13000 / 390 / 18000
	7/10/01		9.72	186.18	Odor	79000	660	15000 / 7800 / 3000 / 15000
	10/8/01		10.88	185.02	Odor/sheen	112000	374	25300 / 11800 / 4280 / 20600
	1/7/02		4.34	191.56	Odor	96100	596	21100 / 13500 / 4160 / 21900
	4/8/02		6.84	189.06	slight odor	111000	679	21200 / 13400 / 4230 / 21000
	7/9/02		9.4	186.5	slight odor	110000	570	20300 / 13300 / 4060 / 19800
	10/23/02		11.04	184.86	None	54100	1010 (1080)**	10800 / 3870 / 2320 / 9440
	10/15/03		10.8	185.1	None	90700	724	17800 / 4740 / 3150 / 13900
	2/2/04		7.35	188.55	None	108000	194	14200 / 7420 / 3450 / 19800
	4/23/04		6.83	189.07	slight odor	49200	114	7910 / 1480 / 1810 / 10100
	7/19/04		8.95	186.95	Odor	63900	303	7260 /2270 / 2510 / 10100
	10/22/04		10.15	185.75	None	80700	493 (296)**	13900 / 1670 / 3550 / 15200
	1/21/05		5.45	190.45	Odor	278000	271 (174)**	14700 / 25300 / 10800 / 73500
	4/14/05		5.3	190.6	Odor /sheen	116000	366 (410)**	15100 / 7080 / 4220 / 20700
	7/26/05		7.6	188.3	Odor	82000	ND<250	12000 / 4500 / 3300 / 14000
	10/14/05		9.58	186.32	Odor/sheen	64000	ND<250	13000 / 5700 / 3400 / 16000
	1/13/06		4.6	191.3	Odor/sheen	49000	ND<250	12000 / 5300 / 3500 / 17000
	4/14/06		3.08	192.82	Odor	51000	270	14000 / 5300 / 3500 / 17000
	10/26/06		9.22	186.68	Odor	34000	ND<250	12000 / 1600 / 3100 / 8600
	1/30/07		9.6	186.3	Odor	39000	ND<200	10000 / 2200 / 2900 / 10000
	4/13/07		9.24	186.66	NM	52000	150	9100 / 2600 / 3100 / 11000
	7/24/07		10.67	185.23	None	46000	240	10000 / 1200 / 3500 / 6200
	4/21/08		7.24	188.66	None	50000	ND<100	7800 / 1500 / 3000 / 12000
	7/22/08		9.71	186.19	Odor	60000	470 [1]	8100 / 1500 / 2700 / 9800
	10/21/08		11.63	184.27	Odor	15000	110	4900 / 430 / 1900 / 2260
	1/19/09		10.91	184.99	Odor/Sheen	33000	143	8830/837/2160/3880
	4/27/09		7.7	188.2	Odor	75000	53	8500/2100/2300/11000
	10/27/09		9.34	186.56	Odor	61000	75	8300/1500/2600/7900
	10/14/10		**10.3**	**185.6**	**Clear/Odor**	**24000** [2]	**220**	**8100/820/2200/4400**
CRWQCB ESL - Nov 2007						**100**	**5**	**1.0 / 40 / 30 / 20**

Table Notes Following

TABLE 1 (Cont.)

Historical Groundwater Levels & Hydrocarbon Analytical Results

5930 College Avenue, Oakland, CA

Well ID	Sample Date	Casing Elevation (ft, MSL)	Depth to GW (ft, TOC)	Water Elevation (ft, MSL)	Product Odor/ Sheen	TPH-G (ug/L)	MTBE (ug/L)	BTEX (ug/L)
MW-2	10/7/99	51.42*	11.49	39.93	slight/odor	18000	490	3000 / 1700 / 1000 / 3900
	1/26/00	51.42*	7.85	43.57	None	42000	560	9300 / 2200 / 2300 / 7700
	10/25/00	51.42*	11.57	39.85	slight/odor	31000	500	5500 / 370 / 1700 / 2600
	2/2/01	51.42*	10.77	40.65	Odor	36000	400	4300 / 530 / 1800 / 4500
	4/25/01	197.28	8.52	188.76	Odor	56000	460	6700 / 1700 / 2600 / 8200
	7/10/01		11.05	186.23	Odor	39000	180	6200 / 730 / 2300 / 6100
	10/8/01		12.79	184.49	Odor/sheen	40700	6460	6310 / 399 / 2100 / 5320
	1/7/02		4.92	192.36	Odor	59600	366**	10300 / 3250 / 4180 / 14400
	4/8/02		8.4	188.88	slight odor	66700	583**	10200 / 2670 / 3840 / 13200
	7/9/02		10.55	186.73	slight odor	37100	303 (298)**	5340 / 890 / 2110 / 6920
	10/23/02		13.85	183.43	None	13300	322 (360)**	2420 / 216 / 922 / 1470
	10/15/03		12.38	184.9	None	11300	264 (322)**	2660 / 51 / 1180 / 1220
	2/2/04		8.8	188.48	None	21700	168 (200)**	2130 / 51 / 1030 / 2060
	4/23/04		8.4	188.88	Slight odor	30400	112 (203)**	3570 / 322 / 1620 / 4140
	7/19/04		10.3	186.98	Odor	28300	283 (373)**	2540 / 239 /1320 / 2300
	10/22/04		10.25	187.03	Mod odor	13500	273 (229)**	1790 / 54 / 892 / 915
	1/21/05		6.65	190.63	Mod odor	278000	161 (163)**	5980 / 1030 / 2890 / 9070
	4/14/05		8.7	188.58	None	46100	155 (150)**	5170 / 787 / 2530 / 6010
	7/26/05		8.95	188.33	Mod odor	41000	ND (ND)**	5600 / 550 / 2600 / 4600
	10/14/05		10.92	186.36	Odor/sheen	13000	130	2900 / 100 / 1300 / 1200
	1/13/06		5.48	191.8	Odor	20000	ND<100	4900 / 490 / 2400 / 4200
	4/14/06		3.61	193.67	Odor	21000	ND<100	4000 / 740 / 2300 / 5100
	10/26/06		10.58	186.7	Odor	8200	68	1400 / 51 / 840 / 500
	1/30/07		10.98	186.3	Odor	17000	62	3200 / 150 / 2200 / 1800
	4/13/07		10.54	186.74	NM	19000	57	2000 / 85 / 1300 / 1100
	7/24/07		12.04	185.24	None	10000	84	1300 / 41 / 710 / 270
	4/21/08		8.01	189.27	None	17000	48	1800 / 100 / 1400 / 1300
	7/22/08		11.12	186.16	None	16000	100 [1]	1900 / 98 / 1600 / 741
	10/21/08		13.11	184.17	Odor/sheen	4900	65	700 / 20 / 370 / 52
	1/19/09		12.31	184.97	Odor	2500	90	167/8.49/114/50.3
	4/27/09		9.01	188.27	Odor/sheen	21000	ND<0.5	1700/130/1100/1800
	10/27/09		10.52	186.76	Odor	7000	ND<0.5***	510/19/330/160
	10/14/2010		**11.56**	**185.72**	**None**	**3200** [2]	**35**	**460/16/230/110**
CRWQCB ESL - Nov 2007						**100**	**5**	**1.0 / 40 / 30 / 20**

Table Notes Following

TABLE 1 (Cont.)

Historical Groundwater Levels & Hydrocarbon Analytical Results

5930 College Avenue, Oakland, CA

Well ID	Sample Date	Casing Elevation (ft, MSL)	Depth to GW (ft, TOC)	Water Elevation (ft, MSL)	Product Odor/ Sheen	TPH-G (ug/L)	MTBE (ug/L)	BTEX (ug/L)
MW-3	10/7/99	49.39*	9.67	39.72	None	6600	390	310 / 110 / 430 / 1000
	1/26/00	49.39*	5.4	43.99	None	3300	40	110 / 8 / 100 / 32
	10/25/00	49.39*	9.24	40.15	Slight odor	4500	ND	100 / 2 / 120 / 130
	2/2/01	49.39*	8.73	40.66	Slight odor	2900	35	35 / 3 / 160 / 298
	4/25/01	195.22	6.61	188.61	Slight odor	8400	56	260 / 33 / 290 / 510
	7/10/01		8.85	186.37	Slight odor	12000	35	39 / 10 / 690 / 1600
	10/8/01		9.75	185.47	Odor/sheen	4913	52	108 / 4 / 99 / 133
	1/7/02		4.25	190.97	Odor/sheen	7260	81.7**	723 / 138 / 492 / 887
	4/8/02		6.33	188.89	Odor	11700	ND**	540 / 108 / 706 / 1710
	7/9/02		8.56	186.66	Odor	2320	28.3 (20)**	37.1 / 4.7 / 98.5 / 187
	10/23/02		10.02	185.2	Odor/sheen	2830	ND (ND)**	46.8 / 4.7 / 43.6 / 65.5
	10/15/03		9.8	185.42	Odor/sheen	3040	ND (ND)**	91.3 / 8.4 / 69.9 / 148
	2/2/04		6.85	188.37	Odor/sheen	5140	ND (ND)**	126 / 8.7 / 134 / 238
	4/23/04		6.17	189.05	None	7210	ND (ND)**	227 / 39.5 / 448 / 879
	7/19/04		8.25	186.97	Slight odor	9860	ND (ND)**	20.4 / 3.2 / 30.6 / 117
	10/22/04		9.25	185.97	None	7420	96 (21)**	152 / 12.8 / 267 / 480
	1/21/05		5.22	190	Slight odor	2420	ND (ND)**	111 / 11.4 / 139 / 265
	4/14/05		6.64	188.58	Odor/sheen	5130	54 (41.4)**	357 / 19.4 / 287 / 510
	7/26/05		6.9	188.32	None	9800	ND (21)**	200 / 23 / 220 / 360
	10/14/05		8.83	186.39	Odor/sheen	6100	ND	76 / 19 / 170 / 350
	1/13/06		4.61	190.61	Odor	3900	24	380 / 17 / 230 / 300
	4/14/06		3.41	191.81	Odor	5000	69	760 / 44 / 230 / 190
	10/26/06		8.57	186.65	Odor	3100	17	120 /9.8 /55 / 54
	1/30/07		8.83	186.39	Odor	4500	ND<10	90 /7.6 / 75 / 44
	4/13/07		8.57	186.65	NM	2800	ND<5	55 / 4.9 / 19 / 6.1
	7/24/07		9.98	185.24	None	4800	ND<5	140 / 8.3 / 66 / 22
	4/21/08		9.3	185.92	None	4300	ND<5	200 / 11 / 30 / 14
	7/22/08		9.05	186.17	None	2400	53 [1]	140 / 13 / 26 / 18.5
	10/21/08		11.12	184.1	Slight Odor	2900	2.2	170 / 9.2 / 99 / 25.8
	1/19/09		10.29	184.93	Odor	3600	ND<0.5	148/6.73/24.5/22.1
	4/27/09		7.15	188.07	Odor/sheen	5800	8.8	370/12/82/84
	10/27/09		8.96	186.26	Odor	4900 [2]	ND<0.5***	130/8.5/89/130
	10/14/2010		**9.76**	**185.46**	**None**	**2700 [2]**	**ND<4.4**	**270/11/290/399.2**
CRWQCB ESL - Nov 2007						**100**	**5**	**1.0 / 40 / 30 / 20**

Table Notes Following

TABLE 1 (Cont.)

Historical Groundwater Levels & Hydrocarbon Analytical Results

5930 College Avenue, Oakland, CA

Well ID	Sample Date	Casing Elevation (ft, MSL)	Depth to GW (ft, TOC)	Water Elevation (ft, MSL)	Product Odor/ Sheen	TPH-G (ug/L)	MTBE (ug/L)	BTEX (ug/L)
PW-1	4/14/05	197.17	6.4	190.77	None	3360	ND (ND**)	62.8 / 6.7 / 79.5/ 317
	7/26/05		8.63	188.54	None	1300	ND (ND**)	22 / ND / 48 / 110
	10/14/05		10.71	186.46	None	4300	ND	93 /1.2 / 100 / 140
	1/13/06		4.87	192.3	None	450	ND<2.0	10 / ND / 37 / 72
	4/14/06		2.27	194.9	Odor	120	ND<2.0	2.3 / ND<1.0 / 3.5 /9.3
	10/26/06		10.3	186.87	Odor	2800	ND<10	61 / ND<5.0 / 130 / 34
	1/30/07		10.8	186.37	Odor	1200	ND<2	22 / ND<1.0 / 100 / 200
	4/13/07		10.31	186.86	NM	510	ND<1	6 / ND<0.5 / 30 / 56
	7/24/07		11.81	185.36	None	3400	ND<5	63 / ND<2.5 / 180 / 5.6
	4/21/08		9.08	188.09	None	300	ND<1	3 / ND<0.5 / 16 / 26
	7/22/08		9.83	187.34	None	710	3.1 [1]	9.3 / 1.2 [1] / 49 / 67.86
	10/21/08		12.9	184.27	None	1500 [2]	1	20 / ND<0.5 / 57 / 20
	1/19/09		12.11	185.06	Odor/sheen	1100 [2]	ND<0.5	12.3/ND<0.5/30.8/9.20
	4/27/2009		8.69	188.48	None	360 [3]	ND<0.5	2.7/ND<0.5/12/18
	10/27/2009		10.32	186.85	None	1100 [2]	ND<0.5	12/ND<0.5/36/34
	10/14/2010		**11.38**	**185.79**	**None**	**860** [3]	**ND<0.5**	**8.8/.55/44/44**
CRWQCB ESL - Nov 2007						**100**	**5**	**1.0 / 40 / 30 / 20**

NOTES:

ft, MSL = feet Above Mean Sea Level

TOC = Top of Well Casing

GW = Depth to Groundwater in feet Below TOC

TPH-G = Total Petroleum Hydrocarbons as Gasoline

MTBE = Methyl Tertiary Butyl Ether

BTEX = Benzene / Toluene / Ethylbenzene / Total Xylenes

ug/L = micrograms per liter

ND = Not detected above laboratory reporting limit

[1] = Presence confirmed, but Relative Percentage Difference (RPD) between columns exceeds 40%

[2] = Sample exhibit chromatographic pattern that does not resemble standard; See laboratory report for additional information

[3] = Although TPH-gas compounds are present, value is elevated due to discrete peak (PCE) within C5-C12 range quantified as gasoline

* = Arbitrary datum point with assumed elevation of 50 ft used prior to MSL survey on 4/ 25/01

** = Concentration confirmed by EPA Method 8260

** = Sample also analyzed for other Fuel oxygenates (EPA Method 8260); All results ND (See Lab Report)

CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final - November 2007, Tier 1 Environmental Screening Level for groundwater that **IS** a potential source of drinking water

TABLE 2
Historical Groundwater VOC Analytical Results in PW-1
5930 College Avenue, Oakland, CA

Well ID	Sample Date	IPB (ug/L)	n-PB (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Sec-BB (ug/L)	n-BB (ug/L)	Naphthalene (ug/L)	TCE (ug/L)	MC (ug/L)	cis-1,2-DCE (ug/L)	Vinyl Chloride (ug/L)	PCE (ug/L)
PW-1	4/14/05	11	22	110	100	ND,10	ND<10	43	3.3	ND<25	12	ND<0.5	84.9
	7/26/05	7.3	17	37	100	ND<10	ND<10	43	ND<1	ND<10	7	ND<1	48
	10/14//05	28	72	67	120	12	17	43	4.1	ND<40	29	ND<1	25
	1/13/06	ND<20	ND<10	ND<10	37	ND<10	ND<10	ND<10	1.4	ND<40	5	ND<1	95
	4/14/06	ND<2	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	1.1	ND<40	2.8	ND<1	68
	10/26/06	ND<10	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	6.2	ND<200	32	ND<5.0	26
	1/30/07	ND<2	23	31	120	ND<10	ND<10	18	ND<1	ND<40	11	ND<1	29
	4/13/07	2.4	6.1	7	30	ND<5	ND<5	6.8	0.84	ND<20	4.7	ND<0.5	64
	7/24/07	ND<5.0	60	ND<25	ND<25	ND<25	ND<25	ND<25	ND<2.5	ND<100	58	ND<2.5	50
	4/21/08	1.1	ND<5	ND<5	15	ND<5	ND<5	ND<5	0.88	ND<20	3.7	ND<0.5	91
	7/22/08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/21/08	17	14	5	15	9.4	14	5.1	6.2	ND<10	56	0.6	44
	4/27/09	1.2	3.3	3.4	16	ND<0.5	ND<0.5	ND<1.0	1.4	ND<5.0	4	ND<0.5	120
	10/27/09	6	4.8	ND<0.5	15	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<5.0	35	ND<0.5	78
	10/14/10	**9.8**	**15**	**12**	**44**	**4.4**	**ND<0.5**	**4**	**5**	**ND<5.0**	**61**	**ND<0.5**	**35**
CRWQCB ESL		**NC**	**NC**	**NC**	**NC**	**NC**	**NC**	**17**	**5**	**5**	**6**	**0.5**	**5**

NOTES:
VOC = Volatile Organic Compounds
IPB = Isopropylbenzene
n-PB = n-Propylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene
1,2,4-TMB = 1,2,4-Trimethylbenzene
sec-BB = sec-Butylbenzene
n-BB = n-Butylbenzene
TCE = Trichloroethene
MC = Methylene Chloride
cis-1,2-DCE = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
ug/l = micrograms per liter
ND = Not detected above laboratory reporting limit
NC = No Criteria Listed
NA = Not Analyzed

CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final - November 2007, Tier 1 Environmental Screening Level for groundwater that **IS** a potential source of drinking water

ATTACHMENT E

SHEAFF'S GARAGE HISTORICAL GROUNDWATER DATA

TABLE 1

Historical Groundwater Levels & Hydrocarbon Analytical Results

5930 College Avenue, Oakland, CA

Well ID	Sample Date	Casing Elevation (ft, MSL)	Depth to GW (ft, TOC)	Water Elevation (ft, MSL)	Product Odor/ Sheen	TPH-G (ug/L)	MTBE (ug/L)	BTEX (ug/L)
MW-1	6/1/98	50.00 *	4.81	45.19	slight sheen	160000	1900	28000 / 21000 / 3800 / 21000
	9/10/98	50.00 *	7.5	42.5	Odor	290000	440	<50 / 25000 / 7100 / 32000
	10/7/99	50.00 *	10.04	39.96	Odor	85000	1100	20000 / 13000 / 3800 / 17000
	1/26/00	50.00 *	8.26	41.74	slight sheen	130000	470	25000 / 18000 / 4500 / 22000
	10/25/00	50.00 *	10.1	39.9	Odor	130000	1300	23000 / 12000 / 3900 / 18000
	2/2/01	50.00 *	9.61	40.39	Odor	128000	780	19000 / 11000 / 3800 / 18000
	4/25/01	195.9	7.39	188.51	Odor	120000	900	21000 / 13000 / 390 / 18000
	7/10/01		9.72	186.18	Odor	79000	660	15000 / 7800 / 3000 / 15000
	10/8/01		10.88	185.02	Odor/sheen	112000	374	25300 / 11800 / 4280 / 20600
	1/7/02		4.34	191.56	Odor	96100	596	21100 / 13500 / 4160 / 21900
	4/8/02		6.84	189.06	slight odor	111000	679	21200 / 13400 / 4230 / 21000
	7/9/02		9.4	186.5	slight odor	110000	570	20300 / 13300 / 4060 / 19800
	10/23/02		11.04	184.86	None	54100	1010 (1080)**	10800 / 3870 / 2320 / 9440
	10/15/03		10.8	185.1	None	90700	724	17800 / 4740 / 3150 / 13900
	2/2/04		7.35	188.55	None	108000	194	14200 / 7420 / 3450 / 19800
	4/23/04		6.83	189.07	slight odor	49200	114	7910 / 1480 / 1810 / 10100
	7/19/04		8.95	186.95	Odor	63900	303	7260 /2270 / 2510 / 10100
	10/22/04		10.15	185.75	None	80700	493 (296)**	13900 / 1670 / 3550 / 15200
	1/21/05		5.45	190.45	Odor	278000	271 (174)**	14700 / 25300 / 10800 / 73500
	4/14/05		5.3	190.6	Odor /sheen	116000	366 (410)**	15100 / 7080 / 4220 / 20700
	7/26/05		7.6	188.3	Odor	82000	ND<250	12000 / 4500 / 3300 / 14000
	10/14/05		9.58	186.32	Odor/sheen	64000	ND<250	13000 / 5700 / 3400 / 16000
	1/13/06		4.6	191.3	Odor/sheen	49000	ND<250	12000 / 5300 / 3500 / 17000
	4/14/06		3.08	192.82	Odor	51000	270	14000 / 5300 / 3500 / 17000
	10/26/06		9.22	186.68	Odor	34000	ND<250	12000 / 1600 / 3100 / 8600
	1/30/07		9.6	186.3	Odor	39000	ND<200	10000 / 2200 / 2900 / 10000
	4/13/07		9.24	186.66	NM	52000	150	9100 / 2600 / 3100 / 11000
	7/24/07		10.67	185.23	None	46000	240	10000 / 1200 / 3500 / 6200
	4/21/08		7.24	188.66	None	50000	ND<100	7800 / 1500 / 3000 / 12000
	7/22/08		9.71	186.19	Odor	60000	470 [1]	8100 / 1500 / 2700 / 9800
	10/21/08		11.63	184.27	Odor	15000	110	4900 / 430 / 1900 / 2260
	1/19/09		10.91	184.99	Odor/Sheen	33000	143	8830/837/2160/3880
	4/27/09		7.7	188.2	Odor	75000	53	8500/2100/2300/11000
	10/27/09		9.34	186.56	Odor	61000	75	8300/1500/2600/7900
	10/14/10		**10.3**	**185.6**	**Clear/Odor**	**24000** [2]	**220**	**8100/820/2200/4400**
CRWQCB ESL - Nov 2007						**100**	**5**	**1.0 / 40 / 30 / 20**

Table Notes Following

TABLE 1 (Cont.)

Historical Groundwater Levels & Hydrocarbon Analytical Results

5930 College Avenue, Oakland, CA

Well ID	Sample Date	Casing Elevation (ft, MSL)	Depth to GW (ft, TOC)	Water Elevation (ft, MSL)	Product Odor/ Sheen	TPH-G (ug/L)	MTBE (ug/L)	BTEX (ug/L)
MW-2	10/7/99	51.42*	11.49	39.93	slight/odor	18000	490	3000 / 1700 / 1000 / 3900
	1/26/00	51.42*	7.85	43.57	None	42000	560	9300 / 2200 / 2300 / 7700
	10/25/00	51.42*	11.57	39.85	slight/odor	31000	500	5500 / 370 / 1700 / 2600
	2/2/01	51.42*	10.77	40.65	Odor	36000	400	4300 / 530 / 1800 / 4500
	4/25/01	197.28	8.52	188.76	Odor	56000	460	6700 / 1700 / 2600 / 8200
	7/10/01		11.05	186.23	Odor	39000	180	6200 / 730 / 2300 / 6100
	10/8/01		12.79	184.49	Odor/sheen	40700	6460	6310 / 399 / 2100 / 5320
	1/7/02		4.92	192.36	Odor	59600	366**	10300 / 3250 / 4180 / 14400
	4/8/02		8.4	188.88	slight odor	66700	583**	10200 / 2670 / 3840 / 13200
	7/9/02		10.55	186.73	slight odor	37100	303 (298)**	5340 / 890 / 2110 / 6920
	10/23/02		13.85	183.43	None	13300	322 (360)**	2420 / 216 / 922 / 1470
	10/15/03		12.38	184.9	None	11300	264 (322)**	2660 / 51 / 1180 / 1220
	2/2/04		8.8	188.48	None	21700	168 (200)**	2130 / 51 / 1030 / 2060
	4/23/04		8.4	188.88	Slight odor	30400	112 (203)**	3570 / 322 / 1620 / 4140
	7/19/04		10.3	186.98	Odor	28300	283 (373)**	2540 / 239 /1320 / 2300
	10/22/04		10.25	187.03	Mod odor	13500	273 (229)**	1790 / 54 / 892 / 915
	1/21/05		6.65	190.63	Mod odor	278000	161 (163)**	5980 / 1030 / 2890 / 9070
	4/14/05		8.7	188.58	None	46100	155 (150)**	5170 / 787 / 2530 / 6010
	7/26/05		8.95	188.33	Mod odor	41000	ND (ND)**	5600 / 550 / 2600 / 4600
	10/14/05		10.92	186.36	Odor/sheen	13000	130	2900 / 100 / 1300 / 1200
	1/13/06		5.48	191.8	Odor	20000	ND<100	4900 / 490 / 2400 / 4200
	4/14/06		3.61	193.67	Odor	21000	ND<100	4000 / 740 / 2300 / 5100
	10/26/06		10.58	186.7	Odor	8200	68	1400 / 51 / 840 / 500
	1/30/07		10.98	186.3	Odor	17000	62	3200 / 150 / 2200 / 1800
	4/13/07		10.54	186.74	NM	19000	57	2000 / 85 / 1300 / 1100
	7/24/07		12.04	185.24	None	10000	84	1300 / 41 / 710 / 270
	4/21/08		8.01	189.27	None	17000	48	1800 / 100 / 1400 / 1300
	7/22/08		11.12	186.16	None	16000	100 [1]	1900 / 98 / 1600 / 741
	10/21/08		13.11	184.17	Odor/sheen	4900	65	700 / 20 / 370 / 52
	1/19/09		12.31	184.97	Odor	2500	90	167/8.49/114/50.3
	4/27/09		9.01	188.27	Odor/sheen	21000	ND<0.5	1700/130/1100/1800
	10/27/09		10.52	186.76	Odor	7000	ND<0.5***	510/19/330/160
	10/14/2010		**11.56**	**185.72**	**None**	**3200** [2]	**35**	**460/16/230/110**
CRWQCB ESL - Nov 2007						**100**	**5**	**1.0 / 40 / 30 / 20**

Table Notes Following

TABLE 1 (Cont.)

Historical Groundwater Levels & Hydrocarbon Analytical Results

5930 College Avenue, Oakland, CA

Well ID	Sample Date	Casing Elevation (ft, MSL)	Depth to GW (ft, TOC)	Water Elevation (ft, MSL)	Product Odor/ Sheen	TPH-G (ug/L)	MTBE (ug/L)	BTEX (ug/L)
MW-3	10/7/99	49.39*	9.67	39.72	None	6600	390	310 / 110 / 430 / 1000
	1/26/00	49.39*	5.4	43.99	None	3300	40	110 / 8 / 100 / 32
	10/25/00	49.39*	9.24	40.15	Slight odor	4500	ND	100 / 2 / 120 / 130
	2/2/01	49.39*	8.73	40.66	Slight odor	2900	35	35 / 3 / 160 / 298
	4/25/01	195.22	6.61	188.61	Slight odor	8400	56	260 / 33 / 290 / 510
	7/10/01		8.85	186.37	Slight odor	12000	35	39 / 10 / 690 / 1600
	10/8/01		9.75	185.47	Odor/sheen	4913	52	108 / 4 / 99 / 133
	1/7/02		4.25	190.97	Odor/sheen	7260	81.7**	723 / 138 / 492 / 887
	4/8/02		6.33	188.89	Odor	11700	ND**	540 / 108 / 706 / 1710
	7/9/02		8.56	186.66	Odor	2320	28.3 (20)**	37.1 / 4.7 / 98.5 / 187
	10/23/02		10.02	185.2	Odor/sheen	2830	ND (ND)**	46.8 / 4.7 / 43.6 / 65.5
	10/15/03		9.8	185.42	Odor/sheen	3040	ND (ND)**	91.3 / 8.4 / 69.9 / 148
	2/2/04		6.85	188.37	Odor/sheen	5140	ND (ND)**	126 / 8.7 / 134 / 238
	4/23/04		6.17	189.05	None	7210	ND (ND)**	227 / 39.5 / 448 / 879
	7/19/04		8.25	186.97	Slight odor	9860	ND (ND)**	20.4 / 3.2 / 30.6 / 117
	10/22/04		9.25	185.97	None	7420	96 (21)**	152 / 12.8 / 267 / 480
	1/21/05		5.22	190	Slight odor	2420	ND (ND)**	111 / 11.4 / 139 / 265
	4/14/05		6.64	188.58	Odor/sheen	5130	54 (41.4)**	357 / 19.4 / 287 / 510
	7/26/05		6.9	188.32	None	9800	ND (21)**	200 / 23 / 220 / 360
	10/14/05		8.83	186.39	Odor/sheen	6100	ND	76 / 19 / 170 / 350
	1/13/06		4.61	190.61	Odor	3900	24	380 / 17 / 230 / 300
	4/14/06		3.41	191.81	Odor	5000	69	760 / 44 / 230 / 190
	10/26/06		8.57	186.65	Odor	3100	17	120 /9.8 /55 / 54
	1/30/07		8.83	186.39	Odor	4500	ND<10	90 /7.6 / 75 / 44
	4/13/07		8.57	186.65	NM	2800	ND<5	55 / 4.9 / 19 / 6.1
	7/24/07		9.98	185.24	None	4800	ND<5	140 / 8.3 / 66 / 22
	4/21/08		9.3	185.92	None	4300	ND<5	200 / 11 / 30 / 14
	7/22/08		9.05	186.17	None	2400	53 [1]	140 / 13 / 26 / 18.5
	10/21/08		11.12	184.1	Slight Odor	2900	2.2	170 / 9.2 / 99 / 25.8
	1/19/09		10.29	184.93	Odor	3600	ND<0.5	148/6.73/24.5/22.1
	4/27/09		7.15	188.07	Odor/sheen	5800	8.8	370/12/82/84
	10/27/09		8.96	186.26	Odor	4900 [2]	ND<0.5***	130/8.5/89/130
	10/14/2010		**9.76**	**185.46**	**None**	**2700 [2]**	**ND<4.4**	**270/11/290/399.2**
CRWQCB ESL - Nov 2007						**100**	**5**	**1.0 / 40 / 30 / 20**

Table Notes Following

TABLE 1 (Cont.)

Historical Groundwater Levels & Hydrocarbon Analytical Results

5930 College Avenue, Oakland, CA

Well ID	Sample Date	Casing Elevation (ft, MSL)	Depth to GW (ft, TOC)	Water Elevation (ft, MSL)	Product Odor/ Sheen	TPH-G (ug/L)	MTBE (ug/L)	BTEX (ug/L)
PW-1	4/14/05	197.17	6.4	190.77	None	3360	ND (ND**)	62.8 / 6.7 / 79.5/ 317
	7/26/05		8.63	188.54	None	1300	ND (ND**)	22 / ND / 48 / 110
	10/14/05		10.71	186.46	None	4300	ND	93 /1.2 / 100 / 140
	1/13/06		4.87	192.3	None	450	ND<2.0	10 / ND / 37 / 72
	4/14/06		2.27	194.9	Odor	120	ND<2.0	2.3 / ND<1.0 / 3.5 /9.3
	10/26/06		10.3	186.87	Odor	2800	ND<10	61 / ND<5.0 / 130 / 34
	1/30/07		10.8	186.37	Odor	1200	ND<2	22 / ND<1.0 / 100 / 200
	4/13/07		10.31	186.86	NM	510	ND<1	6 / ND<0.5 / 30 / 56
	7/24/07		11.81	185.36	None	3400	ND<5	63 / ND<2.5 / 180 / 5.6
	4/21/08		9.08	188.09	None	300	ND<1	3 / ND<0.5 / 16 / 26
	7/22/08		9.83	187.34	None	710	3.1 [1]	9.3 / 1.2 [1] / 49 / 67.86
	10/21/08		12.9	184.27	None	1500 [2]	1	20 / ND<0.5 / 57 / 20
	1/19/09		12.11	185.06	Odor/sheen	1100 [2]	ND<0.5	12.3/ND<0.5/30.8/9.20
	4/27/2009		8.69	188.48	None	360 [3]	ND<0.5	2.7/ND<0.5/12/18
	10/27/2009		10.32	186.85	None	1100 [2]	ND<0.5	12/ND<0.5/36/34
	10/14/2010		**11.38**	**185.79**	**None**	**860** [3]	**ND<0.5**	**8.8/.55/44/44**
CRWQCB ESL - Nov 2007						**100**	**5**	**1.0 / 40 / 30 / 20**

NOTES:

ft, MSL = feet Above Mean Sea Level

TOC = Top of Well Casing

GW = Depth to Groundwater in feet Below TOC

TPH-G = Total Petroleum Hydrocarbons as Gasoline

MTBE = Methyl Tertiary Butyl Ether

BTEX = Benzene / Toluene / Ethylbenzene / Total Xylenes

ug/L = micrograms per liter

ND = Not detected above laboratory reporting limit

[1] = Presence confirmed, but Relative Percentage Difference (RPD) between columns exceeds 40%

[2] = Sample exhibit chromatographic pattern that does not resemble standard; See laboratory report for additional information

[3] = Although TPH-gas compounds are present, value is elevated due to discrete peak (PCE) within C5-C12 range quantified as gasoline

* = Arbitrary datum point with assumed elevation of 50 ft used prior to MSL survey on 4/ 25/01

** = Concentration confirmed by EPA Method 8260

** = Sample also analyzed for other Fuel oxygenates (EPA Method 8260); All results ND (See Lab Report)

CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final - November 2007, Tier 1 Environmental Screening Level for groundwater that **IS** a potential source of drinking water

TABLE 2
Historical Groundwater VOC Analytical Results in PW-1
5930 College Avenue, Oakland, CA

Well ID	Sample Date	IPB (ug/L)	n-PB (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Sec-BB (ug/L)	n-BB (ug/L)	Naphthalene (ug/L)	TCE (ug/L)	MC (ug/L)	cis-1,2-DCE (ug/L)	Vinyl Chloride (ug/L)	PCE (ug/L)
PW-1	4/14/05	11	22	110	100	ND,10	ND<10	43	3.3	ND<25	12	ND<0.5	84.9
	7/26/05	7.3	17	37	100	ND<10	ND<10	43	ND<1	ND<10	7	ND<1	48
	10/14//05	28	72	67	120	12	17	43	4.1	ND<40	29	ND<1	25
	1/13/06	ND<20	ND<10	ND<10	37	ND<10	ND<10	ND<10	1.4	ND<40	5	ND<1	95
	4/14/06	ND<2	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	1.1	ND<40	2.8	ND<1	68
	10/26/06	ND<10	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	6.2	ND<200	32	ND<5.0	26
	1/30/07	ND<2	23	31	120	ND<10	ND<10	18	ND<1	ND<40	11	ND<1	29
	4/13/07	2.4	6.1	7	30	ND<5	ND<5	6.8	0.84	ND<20	4.7	ND<0.5	64
	7/24/07	ND<5.0	60	ND<25	ND<25	ND<25	ND<25	ND<25	ND<2.5	ND<100	58	ND<2.5	50
	4/21/08	1.1	ND<5	ND<5	15	ND<5	ND<5	ND<5	0.88	ND<20	3.7	ND<0.5	91
	7/22/08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/21/08	17	14	5	15	9.4	14	5.1	6.2	ND<10	56	0.6	44
	4/27/09	1.2	3.3	3.4	16	ND<0.5	ND<0.5	ND<1.0	1.4	ND<5.0	4	ND<0.5	120
	10/27/09	6	4.8	ND<0.5	15	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<5.0	35	ND<0.5	78
	10/14/10	**9.8**	**15**	**12**	**44**	**4.4**	**ND<0.5**	**4**	**5**	**ND<5.0**	**61**	**ND<0.5**	**35**
CRWQCB ESL		**NC**	**NC**	**NC**	**NC**	**NC**	**NC**	**17**	**5**	**5**	**6**	**0.5**	**5**

NOTES:
VOC = Volatile Organic Compounds
IPB = Isopropylbenzene
n-PB = n-Propylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene
1,2,4-TMB = 1,2,4-Trimethylbenzene
sec-BB = sec-Butylbenzene
n-BB = n-Butylbenzene
TCE = Trichloroethene
MC = Methylene Chloride
cis-1,2-DCE = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
ug/l = micrograms per liter
ND = Not detected above laboratory reporting limit
NC = No Criteria Listed
NA = Not Analyzed

CRWQCB/ESL = California Regional Water Quality Control Board's Interim Final - November 2007, Tier 1 Environmental Screening Level for groundwater that **IS** a potential source of drinking water