GETTLER-RYAN INC.

TRANSMITTAL

May 30, 2008
G-R #386521

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

CC: Mr. Ian Robb
Chevron Environmental
Management Company
P.O. Box 6012, Room K2196
San Ramon, California 94583

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	DATED	DESCRIPTION
1	May 28, 2008	Groundwater Monitoring and Sampling Report **First Semi-Annual Event of April 21, 2008**

COMMENTS:

Pursuant to your request, we are providing you with a copy of the above referenced report for **your use and distribution to the following (via PDF):**

Mr. Steven Plunkett, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 **(Distributed by Cambria via PDF)**

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***June 13, 2008,*** at which time this final report will be distributed to the following:

cc: Mr. Donald Sweet, San Francisco Property Management Co., 155 Jefferson Street, #4, San Francisco, CA 94133-1224

Enclosures

trans/209339-IR

Ian Robb
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 842-9496
Fax (925) 842-8370
ianrobb@chevron.com

May 30, 2008

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

RE: Chevron Service Station #209339

Address 5940 College Ave.,Oakland, California

I have reviewed the attached routine groundwater monitoring report dated May 30, 2008.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Gettler-Ryan Inc., 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.

Sincerely,

Ian Robb

Attachment: Report

WELL CONDITION STATUS SHEET

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

Job # 386521
Event Date: 4-21-08
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-Longy.	No
MW-2	O.K	O.K	O.K	O.K	O.K	O.K	O.K	N	N	8" Boart-Longy.	No

Comments

GETTLER-RYAN INC.

May 28, 2008
G-R Job #386521

Mr. Ian Robb
Chevron Environmental Management Company
P.O. Box 6012, Room K2196
San Ramon, CA 94583

RE: First Semi Annual Event of April 21, 2008
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #209339
5940 College Avenue
Oakland, California

Dear Mr. Robb:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached). A joint monitoring event was conducted with Sheaff's Garage located at 5930 College Avenue, Oakland, California, however data was not received.

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Groundwater Elevation Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

Deanna L. Harding
Project Coordinator

Douglas J. Lee
Senior Geologist, P.G. No. 6882

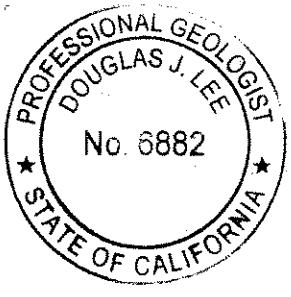

Figure 1: Groundwater Elevation Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Table 3: Groundwater Analytical Results
Table 4: Field Measurements
Table 5: Joint Groundwater Monitoring Data and Analytical Results - Sheaff's Garage
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

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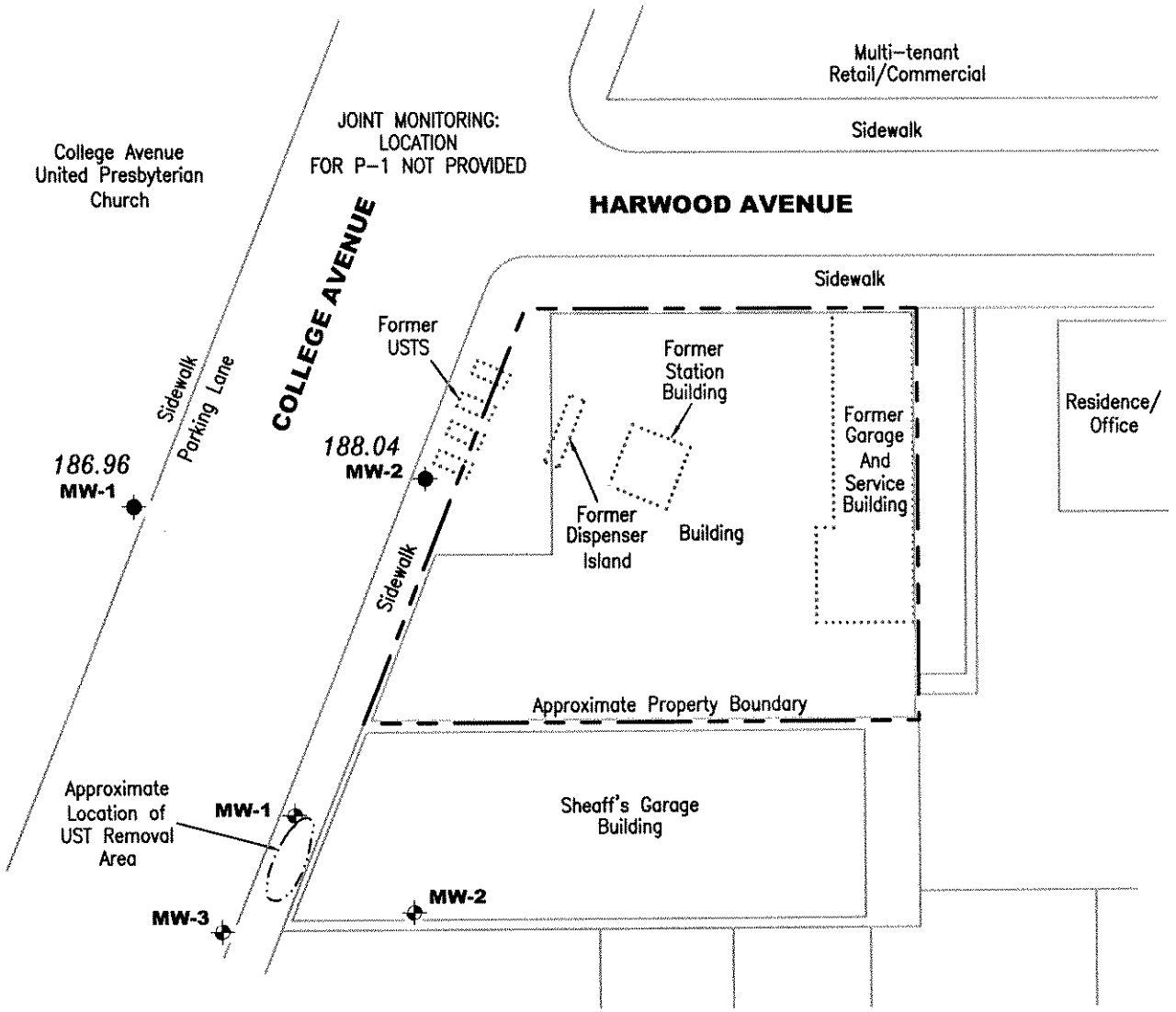

EXPLANATION

- Groundwater monitoring well (Former Chevron)
- Groundwater monitoring well (Sheaff's Garage)
- *99.99* Groundwater elevation in feet referenced to Mean Sea Level

N

0 40

Scale in Feet

Source: Figure modified from drawing provided by Piers Environmental Services, Inc. and County Assessors map and Golden Gate Tank Removal.

GETTLER - RYAN INC.
6747 Sierra Court, Suite J
Dublin, CA 94568 (925) 551-7555

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

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386521		April 21, 2008	

FILE NAME: P:\Enviro\Chevron\209339\Q08-209339.DWG | Layout Tab: Pot2

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-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
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**	--
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	--
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	--

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-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2 (cont)									
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]**	--
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	--
10/22/07	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
04/21/08	--	--	--	**<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-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl Tertiary Butyl Ether

(ppb) = Parts per billion

-- = 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.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

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

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)
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 = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
(ppb) = Parts per billion
-- = 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 *(ppm)*	TOTAL ALKALINITY *(ppm)*	SULFATE AS SO_4 *(ppm)*
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:

(ppm) = Parts per million
-- = Not Analyzed

[1] Analysis was not performed by the Laboratory as requested on the Chain of Custody.

[2] Due to sample transfer by the lab from laboratory to another, the sample was received beyond the EPA recommended holding time.

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

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.

Table 5

Joint Groundwater Monitoring Data and Analytical Results

Sheaff's Garage
5930 College Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1									
04/25/01[1]	195.90	7.39	188.51	--	--	--	--	--	--
07/09/01	195.90	9.72	186.18	79,000	15,000	7,800	3,000	15,000	660
10/08/01	195.90	10.88	185.02	112,000	25,300	11,800	4,280	20,600	374
01/07/02[3]	195.90	4.34	191.56	96,100	21,100	13,500	4,160	21,900	596/330[2]
04/08/02	195.90	6.84	189.06	111,000	21,200	13,400	4,230	21,000	814
10/23/02[3,4]	195.90	--	--	--	--	--	--	--	--
04/15/03[5]	195.90	--	--	--	--	--	--	--	--
10/31/03[5]	195.90	--	--	--	--	--	--	--	--
04/23/04[4]	195.90	--	--	--	--	--	--	--	--
10/22/04	195.90	10.15	185.75	80,700	13,900	1,670	3,550	15,200	493
04/14/05[1]	195.90	5.30	190.60	--	--	--	--	--	--
10/14/05[6]	195.90	9.58	186.32	64,000	13,000	5,700	3,400	16,000	<250
04/14/06[6]	195.90	3.08	192.82	--	14,000	5,300	3,500	17,000	270
10/26/06[6]	195.90	9.22	186.68	34,000	12,000	1,600	3,100	8,600	<250
04/13/07	195.90	9.24	186.66	52,000	9,100	2,600	3,100	11,000	150
10/22/07[5]	195.90	--	--	--	--	--	--	--	--
04/21/08[4]	**195.90**	--	--	--	--	--	--	--	--
MW-2									
04/25/01[1]	197.28	8.52	188.76	--	--	--	--	--	--
07/09/01	197.28	11.05	186.23	39,000	6,200	730	2,300	6,100	180
10/08/01	197.28	12.79	184.49	40,700	6,310	399	2,100	5,320	6,460
01/07/02[3]	197.28	4.92	192.36	59,600	10,300	3,250	4,180	14,400	366/170[2]
04/08/02	197.28	8.40	188.88	66,700	10,200	2,670	3,840	13,200	583
10/23/02[3,4]	197.28	--	--	--	--	--	--	--	--
04/15/03[5]	197.28	--	--	--	--	--	--	--	--
10/31/03[5]	197.28	--	--	--	--	--	--	--	--
04/23/04[4]	197.28	--	--	--	--	--	--	--	--
10/22/04	197.28	10.25	187.03	13,500	1,790	54	892	915	273
04/14/05[1]	197.28	8.70	188.58	--	--	--	--	--	--
10/14/05[6]	197.28	10.92	186.36	13,000	2,900	100	1,300	1,200	130
04/14/06[6]	197.28	3.61	193.67	--	4,000	740	2,300	5,100	<100

Table 5

Joint Groundwater Monitoring Data and Analytical Results

Sheaff's Garage
5930 College Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2 (cont)									
10/26/06[6]	197.28	10.58	186.70	8,200	1,400	51	840	500	68
04/13/07	197.28	10.54	186.74	19,000	2,000	85	1,300	1,100	57
10/22/07[5]	197.28	--	--	--	--	--	--	--	--
04/21/08[4]	**197.28**	--	--	--	--	--	--	--	--
MW-3									
04/25/01[1]	195.22	6.61	188.61	--	--	--	--	--	--
07/09/01	195.22	8.85	186.37	12,000	39	10	690	1,600	35
10/08/01	195.22	9.75	185.47	4,912.5	107.7	3.9	99.0	132.5	52.2
01/07/02[3]	195.22	4.25	190.97	7,260	723	138	492	887	81.7/16.7[2]
04/08/02	195.22	6.33	188.89	11,700	540	108	706	1,710	<0.5
10/23/02[3,4]	195.22	--	--	--	--	--	--	--	--
04/15/03[5]	195.22	--	--	--	--	--	--	--	--
10/31/03[5]	195.22	--	--	--	--	--	--	--	--
04/23/04[4]	195.22	--	--	--	--	--	--	--	--
10/22/04	195.22	9.25	185.97	7,420	152	12.8	267	480	96
04/14/05[1]	195.22	5.10	190.12	--	--	--	--	--	--
10/14/05[6]	195.22	8.83	186.39	6,100	76	19	170	350	<20
04/14/06[6]	195.22	3.41	191.81	--	760	44	230	190	69
10/26/06[6]	195.22	8.57	186.65	3,100	120	9.8	55	54	17
04/13/07	195.22	8.57	186.65	2,800	55	4.9	19	6.1	<5
10/22/07[5]	195.22	--	--	--	--	--	--	--	--
04/21/08[4]	**195.22**	--	--	--	--	--	--	--	--
PW-1									
04/14/05[1]	--	6.40	--	--	--	--	--	--	--
10/14/05[6]	--	10.71	--	4,300	93	1.2	100	140	<2.0
04/14/06[6]	--	2.27	--	--	2.3	<1.0	3.5	9.3	<2.0
10/26/06[6]	--	10.30	--	2,800	61	<10	130	34	<10
04/13/07	197.17	10.31	--	510	6	<0.5	30	56	<1
10/22/07[5]	197.17	--	--	--	--	--	--	--	--
04/21/08[4]	**197.17**	--	--	--	--	--	--	--	--

Table 5

Joint Groundwater Monitoring Data and Analytical Results

Sheaff's Garage

5930 College Avenue

Oakland, California

EXPLANATIONS:

Joint groundwater monitoring data and laboratory analytical results were provided by Golden Gate Tank Removal, Inc.

TOC = Top of Casing

(ft.) = Feet

DTW = Depth to Water

GWE = Groundwater Elevation

(msl) = Mean sea level

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

* TOC elevations were surveyed on April 26, 2001, by Virgil Chavez Land Surveying. The benchmark 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 Elevation = 179.075 feet, msl).

[1] Joint monitoring laboratory analytical results were not provided.

[2] MTBE by EPA Method 8260

[3] Joint monitoring was conducted on different day than Chevron.

[4] Joint monitoring data was not provided.

[5] Joint monitoring and sampling was scheduled but not conducted.

[6] BTEX and MTBE by EPA Method 8260.

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

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, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. 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 possible. 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. 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. For sampling sets greater than 20 samples, 5% trip blanks are included. 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: 4-21-08 (inclusive)
City: Oakland, CA Sampler: Joe

Well ID MW- 1 Date Monitored: 4-21-08
Well Diameter 2 in.
Total Depth 20.15 ft.
Depth to Water 9.95 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.

10.20 xVF 0.17 = 1.73 x3 case volume = Estimated Purge Volume: 5.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.99

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: 0 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): 0608 Weather Conditions: clear/cold
Sample Time/Date: 0645 / 4-21-08 Water Color: clear Odor: Y / N N
Approx. Flow Rate: ~2 gpm. Sediment Description:
Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 10.67

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0616	1.5	6.49	1011	13.6		
0621	3	6.51	1042	13.5		
0628	5.5	6.58	1036	13.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 1	3 x voa vial	YES	HCL	LANCASTER	TPH-G(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: 4-21-08 (inclusive)
City: Oakland, CA Sampler: Joe

Well ID MW-2 Date Monitored: 4-21-08
Well Diameter 2 in.
Total Depth 20.09 ft.
Depth to Water 9.31 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.

10.78 xVF 0.17 = 1.83 x3 case volume = Estimated Purge Volume: 5.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.46

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: 0730 / 4-21-08 Water Color: Clear Odor: Y / N N
Approx. Flow Rate: ~7 gpm. Sediment Description:
Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 10.68

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0708	1.5	7.11	1258	13.2		
0714	3	7.16	1241	13.3		
0720	5.5	7.12	1246	13.8		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	3 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX(8021)

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

Acct. #: 10904 | For Lancaster Laboratories use only | Sample # 5338499-501 | Group #: 004848

Ø42108-Ø1

1087501

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

Site Address: 5940 COLLEGE AVENUE, OAKLAND, CA

Chevron PM: IR | Lead Consultant: CRACE

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 A-JEMIAN

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	Analyses Requested — Preservation Codes: H	H	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	4-21-08	0645	"			"		3			✓	✓					
MW-2	"	0730	"			"		3			✓	✓					

Comments / Remarks

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 | Type VI (Raw Data) | ☐ Coelt Deliverable not need | EDF/EDD | WIP (RWQCB) | Disk

	Date	Time		Date	Time
Relinquished by:	4-21-08	0910	Received by:	21 APR 08	0910
Relinquished by:	21 APR 08	1630	Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	4/22/08	0810
Temperature Upon Receipt 0.8-3.2 C°			Custody Seals Intact? Yes No		

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

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 for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1087501. Samples arrived at the laboratory on Tuesday, April 22, 2008. The PO# for this group is 0015024486 and the release number is ROBB.

Client Description	Lancaster Labs Number
QA-T-080421 NA Water	5338499
MW-1-W-080421 Grab Water	5338500
MW-2-W-080421 Grab Water	5338501

ELECTRONIC COPY TO CRA c/o Gettler-Ryan Attn: Cheryl Hansen

Questions? Contact your Client Services Representative
Angela M Miller at (717) 656-2300

Respectfully Submitted,

Martha L. Seidel
Martha L. Seidel
Senior Chemist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5338499 Group No. 1087501

QA-T-080421 NA Water
Facility# 209339 Job# 386521 GRD
5940 College Ave-Oakland T06019752694 QA
Collected:04/21/2008

Account Number: 10904

Submitted: 04/22/2008 10:10
Reported: 04/30/2008 at 07:24
Discard: 05/31/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

9339Q

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05879	BTEX					
02161	Benzene	71-43-2	N.D.	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/24/2008 13:44	Patrick N Evans	1
05879	BTEX	SW-846 8021B	1	04/24/2008 13:44	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/24/2008 13:44	Patrick N Evans	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5338500 Group No. 1087501

MW-1-W-080421 Grab Water
Facility# 209339 Job# 386521 GRD
5940 College Ave-Oakland T06019752694 MW-1
Collected:04/21/2008 06:45 by JA

Account Number: 10904

Submitted: 04/22/2008 10:10
Reported: 04/30/2008 at 07:24
Discard: 05/31/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

93391

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	120.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05879	BTEX					
02161	Benzene	71-43-2	N.D.	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/25/2008 13:04	Patrick N Evans	1
05879	BTEX	SW-846 8021B	1	04/25/2008 13:04	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/25/2008 13:04	Patrick N Evans	1

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Analysis Report

Lancaster Laboratories Sample No. WW5338501 Group No. 1087501

MW-2-W-080421 Grab Water
Facility# 209339 Job# 386521 GRD
5940 College Ave-Oakland T06019752694 MW-2
Collected:04/21/2008 07:30 by JA

Account Number: 10904

Submitted: 04/22/2008 10:10
Reported: 04/30/2008 at 07:24
Discard: 05/31/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

93392

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	860.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05879	BTEX					
02161	Benzene	71-43-2	1.0	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	2.0	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	2.0	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	10.	ug/l	1
	Due to the presence of interferents 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.					

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/25/2008 13:25	Patrick N Evans	1
05879	BTEX	SW-846 8021B	1	04/25/2008 13:25	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/25/2008 13:25	Patrick N Evans	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: Chevron
Group Number: 1087501
Reported: 04/30/08 at 07:24 AM

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: 08114B54A	Sample number(s): 5338499							
TPH-GRO - Waters	N.D.	50.	ug/l	113	111	75-135	1	30
Benzene	N.D.	0.5	ug/l	94	94	86-119	0	30
Toluene	N.D.	0.5	ug/l	99	100	82-119	1	30
Ethylbenzene	N.D.	0.5	ug/l	99	99	81-119	0	30
Total Xylenes	N.D.	1.5	ug/l	101	102	82-120	1	30
Batch number: 08114B54B	Sample number(s): 5338500-5338501							
TPH-GRO - Waters	N.D.	50.	ug/l	113	111	75-135	1	30
Benzene	N.D.	0.5	ug/l	94	94	86-119	0	30
Toluene	N.D.	0.5	ug/l	99	100	82-119	1	30
Ethylbenzene	N.D.	0.5	ug/l	99	99	81-119	0	30
Total Xylenes	N.D.	1.5	ug/l	101	102	82-120	1	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: 08114B54A	Sample number(s): 5338499 UNSPK: P337319, P337320								
TPH-GRO - Waters	101		63-154						
Benzene	99		78-131						
Toluene	101		78-129						
Ethylbenzene	102		75-133						
Total Xylenes	102		84-131						
Batch number: 08114B54B	Sample number(s): 5338500-5338501 UNSPK: P337319, P337320								
TPH-GRO - Waters	101		63-154						
Benzene	99		78-131						
Toluene	101		78-129						
Ethylbenzene	102		75-133						
Total Xylenes	102		84-131						

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 - Waters
Batch number: 08114B54A

*- 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
Reported: 04/30/08 at 07:24 AM

Group Number: 1087501

Surrogate Quality Control

	Trifluorotoluene-F	Trifluorotoluene-P
5338499	81	77
Blank	85	79
LCS	93	78
LCSD	91	77
MS	92	79
Limits:	63-135	69-129

Analysis Name: TPH-GRO - Waters
Batch number: 08114B54B

	Trifluorotoluene-F	Trifluorotoluene-P
5338500	90	77
5338501	97	71
Blank	87	77
LCS	93	78
LCSD	91	77
MS	92	79
Limits:	63-135	69-129

*- 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.

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected
TNTC	Too Numerous To Count
IU	International Units
umhos/cm	micromhos/cm
C	degrees Celsius
Cal	(diet) calories
meq	milliequivalents
g	gram(s)
ug	microgram(s)
ml	milliliter(s)
m3	cubic meter(s)

BMQL	Below Minimum Quantitation Level
MPN	Most Probable Number
CP Units	cobalt-chloroplatinate units
NTU	nephelometric turbidity units
F	degrees Fahrenheit
lb.	pound(s)
kg	kilogram(s)
mg	milligram(s)
l	liter(s)
ul	microliter(s)
fib >5 um/ml	fibers greater than 5 microns in length per ml

< 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

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.

U.S. EPA 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 quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
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 amount 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 for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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.