

GETTLER-RYAN Inc.

TRANSMITTAL

July 12, 2006

G-R #386699

TO: Mr. Terry Crotwell
c/o Mr. Bruce H. Eppler
Cambria Environmental Technology, Inc.
2000 Opportunity Drive, Suite 110
Roseville, California 95678

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

RE: **Chevron Service Station
#9-1557
220 Strander Boulevard
Tukwila, Washington
MTI: 91557.01**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	July 12, 2006	Groundwater Monitoring and Sampling Report Event of June 6, 2006

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced report for **your use and distribution to the following:**

Mr. Dana Thurman, Chevron Environmental Management Company, P.O. Box 6012, Room K2236,
San Ramon, CA 94583

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **July 26, 2006**, at which time the final report will be distributed to the following:

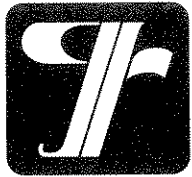
cc: Mr. John Wietfeld, WDOE Northwest Region, Toxics Cleanup Program, 3190 160th Avenue SE, Bellevue,
WA 98008-5452
Olivier Enterprises, Inc., 220 Strander Boulevard, Tukwila, WA 98188-2831

☐ Current Site Check List included.

Enclosure

trans/9-1557-DT

6747 Sierra Court, Suite J • Dublin, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
3140 Gold Camp Drive, Suite 170 • Rancho Cordova, CA 95670 • (916) 631-1300 • Fax (916) 631-1317
1364 N. McDowell Blvd., Suite B2 • Petaluma, CA 94954 • (707) 789-3255 • Fax (707) 789-3218



GETTLER-RYAN INC.

July 12, 2006
Job #386699

Mr. Dana Thurman
Chevron Environmental Management Company
P.O. Box 6012, Room K2236
San Ramon, CA 94583

RE: Event of June 6, 2006
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-1557
220 Strander Boulevard
Tukwila, Washington

Dear Mr. Thurman:

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).

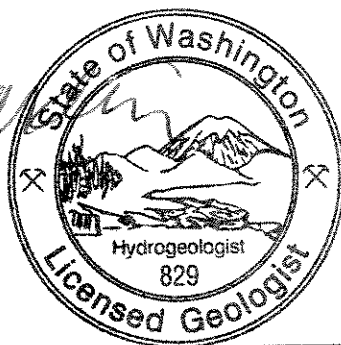
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in the wells. Static water level data and groundwater elevations are presented in Table 1. A Potentiometric Map is included as Figure 1.

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. Purge water was treated by filtration through granular activated carbon and was subsequently discharged. The chain of custody document and laboratory analytical reports are attached.

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

Sincerely,


Deanna L. Harding
Project Coordinator




Robert A. Lauritzen
Senior Geologist, L.G. No. 829

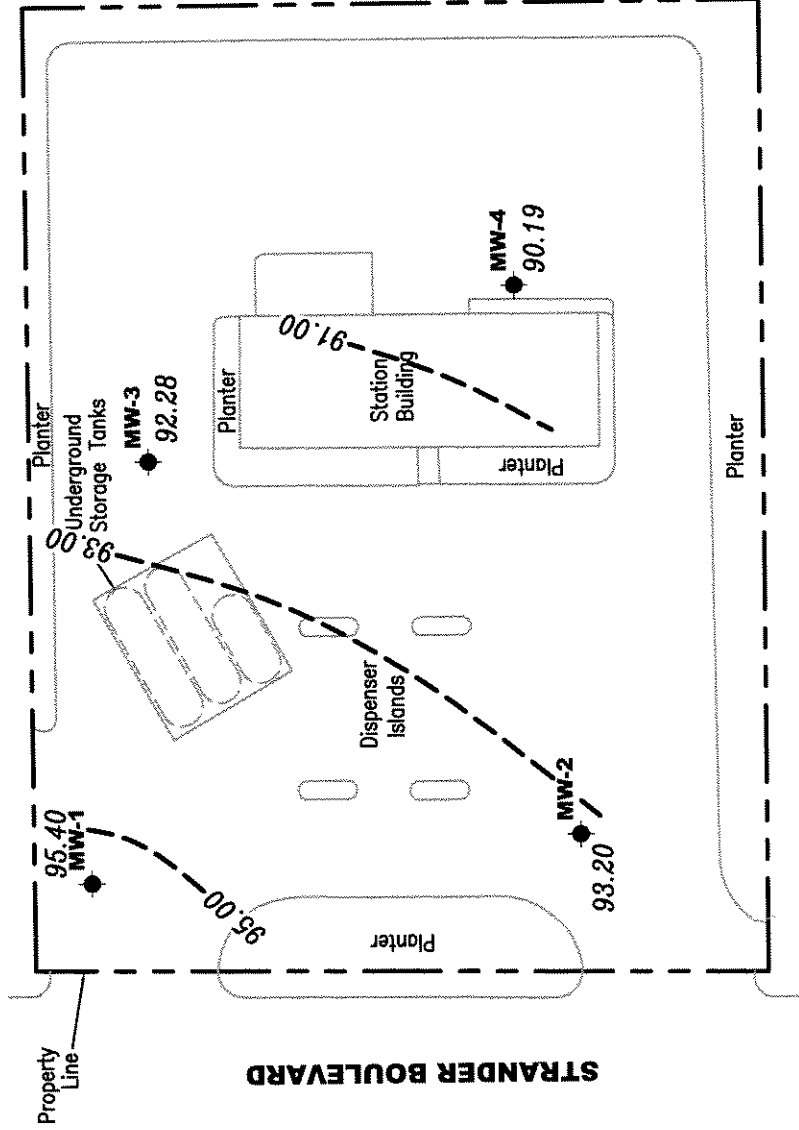
Robert A. Lauritzen

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Field Measurements and Analytical Results
Table 3: Groundwater Analytical Results - PAH
Table 4: Groundwater Analytical Results
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

EXPLANATION

- Groundwater monitoring well
- Groundwater elevation in feet referenced to an arbitrary site datum
- Groundwater elevation contour, dashed where inferred

Approximate groundwater flow direction at a gradient of 0.03 to 0.04 Ft./Ft.



Source: Figure modified from drawing provided by Delta Environmental Consultants, Inc.

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POTENTIOMETRIC MAP
 Chevron Service Station #9-1557
 220 Strander Boulevard
 Tukwila, Washington

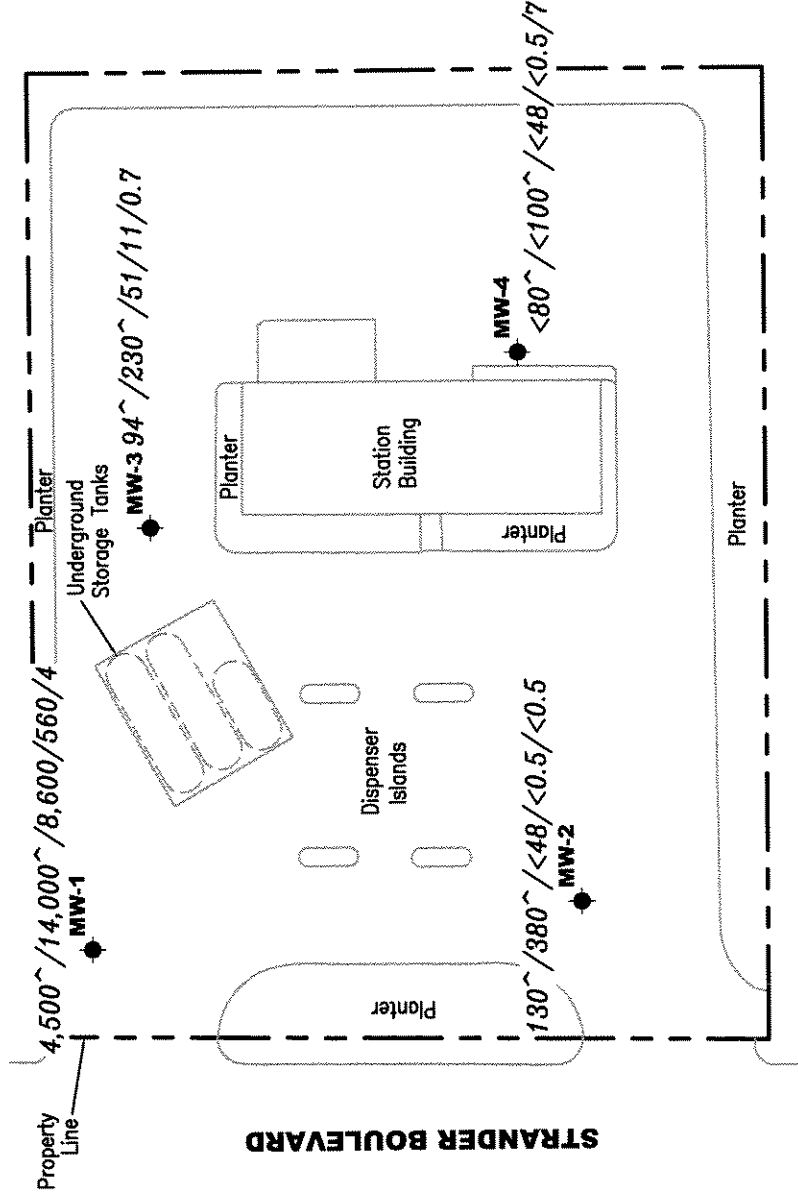
REVISED DATE

FIGURE

1

EXPLANATION

- ◆ Groundwater monitoring well
- A/B/C/D/E Total Petroleum Hydrocarbons (TPH) as Diesel/TPH as Oil/TPH as Gasoline/Benzene/MTBE concentrations in ppb
- ~ w/silica gel cleanup
- NOTE: Benzene and MTBE analyses by EPA Method 8260



Source: Figure modified from drawing provided by Delta Environmental Consultants, Inc.



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CONCENTRATION MAP
Chevron Service Station #9-1557
220 Strander Boulevard
Tukwila, Washington

PROJECT NUMBER
386699

REVIEWED BY

DATE
June 6, 2006

REVISED DATE

FILE NAME: P:\Enviro\Chevron\9-1557\008-9-1557.dwg | Layout Tab: Con2

FIGURE

2

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1557
220 Strander Boulevard
Tukwila, Washington

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	TPH-D (ppb)	TPH-O (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	D. LEAD (ppb)	T. LEAD (ppb)
MW-1													
10/20/00	99.77	4.90	94.87	--	--	--	--	--	--	--	--	--	--
12/17/00	99.77	4.07	95.70	ND ¹	ND ¹	1,720	19.1	1.17	11.7	4.39	39.4/36.8 ⁴	ND ²	--
03/25/01	99.77	3.78	95.99	ND ¹	ND ¹	1,220	7.37	1.46	6.00	1.64	26.0/37.6 ⁴	--	--
06/10/01	99.77	3.76	96.01	<250 ¹	<750 ¹	849	8.67	0.788	4.70	1.66	21.7/14.7 ⁵	--	--
09/10/01	99.77	4.16	95.61	<250 ¹	<500 ¹	662	8.26	<0.500	3.99	1.24	13.9/12.3 ⁶	--	--
11/30/01	99.77	3.88	95.89	--	--	787	7.60	<0.500	5.85	1.71	16.6/15.6 ⁶	--	--
02/20/02	99.77	3.15	96.62	--	--	1,700	7.3	<0.50	12	<1.5	15/14 ⁴	--	--
02/14/03	NP	3.46	96.31	540 ¹	<750 ¹	740	4.6	<0.50	1.3	<1.5	8.1/7 ⁴	--	--
02/26/04	NP	2.84	96.93	1,100 ¹	2,100 ¹	810	4.1	<0.5	5.0	<1.5	5.7/5 ⁴	--	--
10/27/04	NP	4.19	95.58	<77 ¹	<97 ¹	200	3.4	<0.5	<0.5	<1.5	5.8/4 ⁴	--	--
01/11/05	99.77	3.16	96.61	750 ¹	1,800 ¹	170	2.9	<0.5	<0.5	<1.5	3.5/3 ⁶	--	--
11/11/05	99.77	NOT MONITORED/SAMPLED DUE TO WATER LEVEL ABOVE CASING											
03/01/06 ⁸	99.77	0.92	98.85	1,200 ¹	3,400 ¹	3,300	<0.5	<0.5	0.6	0.7	33	<0.87	29.1
06/06/06 ⁸	99.77	4.37	95.40	4,500 ¹	14,000 ¹	8,600	560	260	200	1,100	4	<0.51	58.7
MW-2													
10/20/00	97.92	5.30	92.62	--	--	--	--	--	--	--	--	--	--
12/17/00	97.92	5.54	92.38	ND ¹	ND ¹	ND	ND	ND	ND	1.28	ND	ND ²	--
03/25/01	97.92	4.68	93.24	ND ¹	ND ¹	ND	ND	ND	ND	ND	ND	--	--
06/10/01	97.92	5.28	92.64	<250 ¹	<750 ¹	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00	--	--
09/10/01	97.92	5.40	92.52	<250 ¹	<500 ¹	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00	--	--
11/30/01	97.92	4.29	93.63	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00	--	--
02/20/02	97.92	4.93	92.99	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00	--	--
02/14/03	97.92	5.32	92.60	--	--	<50.0	<0.500	<0.500	<0.500	<1.5	<2.5	--	--
02/26/04	97.92	4.36	93.56	--	--	--	--	--	--	--	--	--	--
10/27/04	97.92	5.45	92.47	--	--	--	--	--	--	--	--	--	--
01/11/05	97.92	5.21	92.71	<78 ¹	<98 ¹	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
11/11/05 ⁸	97.92	4.36	93.56	<78 ¹	<98 ¹	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
03/01/06 ⁸	97.92	5.04	92.88	550 ^{1,9}	640 ¹	<48	<0.5	<0.5	<0.5	<1.0	<0.5	<0.87	2.1
06/06/06 ⁸	97.92	4.72	93.20	79 ¹	99 ¹	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	1.2
	97.92			130 ¹	380 ¹	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	0.63

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1557
220 Strander Boulevard
Tukwila, Washington

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	TPH-D (ppb)	TPH-O (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	D. LEAD (ppb)	T. LEAD (ppb)
MW-3													
10/20/00	98.22	5.70	92.52	--	--	--	--	--	--	--	--	--	--
12/17/00	98.22	8.08	90.14	ND ^{1,3}	ND ^{1,3}	ND	ND	ND	ND	ND	36.1/30.0 ⁴	ND ²	--
03/25/01	98.22	8.06	90.16	ND ¹	ND ¹	57.5	ND	ND	ND	ND	34.4/37.9 ⁴	--	--
06/10/01	98.22	7.17	91.05	<250 ¹	<750 ¹	<50.0	<0.500	<0.500	<0.500	<1.00	22.5/18.9 ⁵	--	--
09/10/01	98.22	6.98	91.24	<250 ¹	<500 ¹	<50.0	<0.500	<0.500	<0.500	<1.00	17.1/15.7 ⁶	--	--
11/30/01	98.22	6.33	91.89	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	7.54/7.48 ⁶	--	--
02/20/02	98.22	7.04	91.18	--	--	<50	<0.50	<0.50	<0.50	<1.5	12/13 ⁴	--	--
02/14/03	NP	6.89	91.33	<250 ¹	<750 ¹	<50	<0.50	<0.50	<0.50	<1.5	4.4/3 ⁴	--	--
02/26/04	NP	6.46	91.76	<250 ¹	<250 ¹	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
10/27/04	NP	6.98	91.24	<78 ¹	<97 ¹	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
01/11/05	98.22	6.98	91.24	<77 ¹	<97 ¹	<48	2.1	<0.5	<0.5	<1.5	2.6/3 ⁶	--	--
11/11/05 ⁸	98.22	6.23	91.99	370 ^{1,10}	1,200 ¹	<48	<0.5	<0.5	<0.5	<1.0	2	<0.87	12.4
03/01/06 ⁸	98.22	5.72	92.50	97 ¹	460 ¹	50	28	2	0.7	7	1	--	25.5
06/06/06 ⁸	98.22	5.94	92.28	94 ¹	230 ¹	51	11	<0.5	8	9	0.7	<0.51	6.7
MW-4													
10/22/02	99.73	12.30	87.43	--	--	--	--	--	--	--	--	--	--
02/14/03	99.73	INACCESSIBLE - VEHICLE PARKED OVER WELL		--	--	--	--	--	--	--	--	--	--
02/26/04	NP	13.24	86.49	<250 ¹	<250 ¹	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
10/27/04	NP	10.49	89.24	130 ¹	270 ¹	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
01/11/05	99.73	10.37	89.36	250 ^{1,7}	570 ¹	<48	<0.5	<0.5	<0.5	<1.5	2.6/2 ⁶	--	--
11/11/05	99.73	INACCESSIBLE - VEHICLE PARKED OVER WELL		--	--	--	--	--	--	--	--	--	--
03/01/06 ⁸	99.73	9.32	90.41	<80 ¹	<100 ¹	<48	150	4	13	33	32	<0.87	5.0
06/06/06 ⁸	99.73	9.54	90.19	<80 ¹	<100 ¹	<48	<0.5	<0.5	<0.5	<0.5	7	<0.51	4.0
TRIP BLANK													
12/17/00	--	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
03/25/01	--	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
06/10/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00	--	--
09/10/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00	--	--
11/30/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1557
220 Strander Boulevard
Tukwila, Washington

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	TPH-D (ppb)	TPH-O (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	D. LEAD (ppb)	T. LEAD (ppb)
TRIP BLANK (cont)													
02/20/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
02/14/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
QA													
02/26/04	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
10/27/04	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
01/11/05	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
11/11/05 ⁸	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/01/06 ⁸	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/06/06 ⁸	--	--	--	--	--	-- ¹¹	<0.5	<0.5	<0.5	<0.5	<0.5	--	--

	TPH-D	TPH-O	TPH-G	B	T	E	X	MTBE	D. LEAD	T. LEAD
Standard Laboratory Reporting Limits:	250	250	50	0.5	0.5	0.5	1.5	2.5	0.001	1
MTCA Method A Cleanup Levels:	500	500	800/1,000	5	1,000	700	1,000	20	--	15
Current Method:	NWT PH-D + Extended NWT PH-G and EPA 8021 EPA 6020 EPA 7421									

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1557
220 Strander Boulevard
Tukwila, Washington

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to December 17, 2000, were compiled from reports prepared by Delta Environmental Consultants Inc.

TOC = Top of Casing (ft.) = Feet	B = Benzene	(ppb) = Parts per billion
DTW = Depth to Water	T = Toluene	ND = Not Detected
GWE = Groundwater Elevation	E = Ethylbenzene	-- = Not Measured/Not Analyzed
TPH-D = Total Petroleum Hydrocarbons as Diesel	X = Xylenes	NP = No Purge
TPH-O = Total Petroleum Hydrocarbons as Oil	MTBE = Methyl tertiary butyl ether	MTCA = Model Toxics Control Act Cleanup Regulations
TPH-G = Total Petroleum Hydrocarbons as Gasoline	D. LEAD = Dissolved Lead	[WAC 173-340-720(2)(a)(i), as amended 02/01].
	T. LEAD = Total Lead	
* TOC elevations have been provided by Delta Environmental Consultants, Inc. referenced to an assumed datum in feet.		
1 TPH-D and TPH-O with silica gel clean-up.		
2 Filtered by laboratory.		
3 Detection limit raised. Refer to analytical reports.		
4 MTBE by EPA Method 8260.		
5 MTBE by EPA Method 8260 was analyzed outside of the recommended hold time and sample container submitted for volatile analysis had either headspace or air bubbles greater than 1/4 inch in diameter.		
6 MTBE by EPA Method 8260 was analyzed outside of the recommended hold time.		
7 Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.		
8 BTEX and MTBE by EPA Method 8260.		
9 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.		
10 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.		
11 Laboratory received one vial for QA sample; TPH-G was not analyzed.		

Table 2
Field Measurements and Analytical Results
Chevron Service Station #9-1557
220 Strander Boulevard
Tukwila, Washington

WELL ID	DATE	DO Pre-Purge (mg/L)	ORP (mV)	Total Alkalinity (ppb)	Sulfate (ppb)	Nitrate Nitrogen (ppb)	Ferrous Iron (ppb)
MW-1	01/11/05	2.1	-114	278,000	61,500	<400	12,400
	11/11/05	NOT MEASURED - WATER LEVEL ABOVE CASING					--
	03/01/06	2.0	-71	--	--	--	--
	06/06/06	1.8	-63	--	--	--	--
MW-2	01/11/05	8.0	36	453,000	2,000	<400	31,900
	11/11/05	7.6	33	--	--	--	--
	03/01/06	7.2	35	--	--	--	--
	06/06/06	6.7	32	--	--	--	--
MW-3	01/11/05	7.3	37	455,000	14,000	<400	9,900
	11/11/05	7.0	46	--	--	--	--
	03/01/06	6.8	43	--	--	--	--
	06/06/06	6.4	39	--	--	--	--
MW-4	01/11/05	6.8	-23	942,000	18,700	<400	33,100
	11/11/05	INACCESSIBLE - VEHICLE PARKED OVER WELL					--
	03/01/06	6.5	-16	--	--	--	--
	06/06/06	6.1	-11	--	--	--	--

EXPLANATIONS:

DO = Dissolved Oxygen
(mg/L) = Milligrams per liter
ORP = Oxidation Reduction Potential
(mV) = Millivolts
(ppb) = Parts per billion

ANALYTICAL METHODS:

EPA 310.1 for Total Alkalinity
EPA 300.0 for Sulfate and Nitrate Nitrogen
SM 18, 3500-Fe D (modified) for Ferrous Iron

Table 3

Groundwater Analytical Results - PAH

Chevron Service Station #9-1557

220 Strander Boulevard

Tukwila, Washington

WELL ID/ DATE	Naphthalene (ppb)	Acenaphthylene (ppb)	Acenaphthene (ppb)	Fluorene (ppb)	Phenanthrene (ppb)	Anthracene (ppb)	Fluoranthene (ppb)	Pyrene (ppb)	Benzo (a) anthracene (ppb)	Chrysene (ppb)	Benzo (b) fluoranthene (ppb)	Benzo (k) fluoranthene (ppb)	Benzo (a) pyrene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	Dibenz (a,h) anthracene (ppb)	Benzo (g,h,i) perylene (ppb)
MW-1																
11/11/05	NOT SAMPLED DUE TO WATER LEVEL ABOVE CASING															
03/01/06	3.7	0.040	0.21	0.15	0.35	0.032	0.53	0.83	0.21	0.45	0.52	0.18	0.24	0.24	--	--
06/06/06	9.7	<0.02	0.49	0.32	0.22	0.096	0.29	0.58	0.11	0.22	0.30	0.082	0.13	0.13	0.031	0.32
MW-2																
11/11/05	0.02	<0.02	0.01	0.04	0.06	0.03	0.02	0.04	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02
MW-3																
11/11/05	0.01	<0.02	<0.01	<0.01	0.02	<0.02	0.02	0.05	<0.02	<0.02	0.03	<0.01	<0.02	<0.02	<0.02	0.03
MW-4																
11/11/05	INACCESSIBLE - VEHICLE PARKED OVER WELL															
03/01/06	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02
06/06/06	0.015	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02

EXPLANATIONS:

PAH = Polynuclear Aromatic Compounds

(ppb) = Parts per billion

-- = Not Analyzed

ANALYTICAL METHOD:

Selected PAH by 8270 SIM

Table 4
Groundwater Analytical Results
Chevron Service Station #9-1557
220 Strander Boulevard
Tukwila, Washington

WELL ID	DATE	METHANOL (ppb)	ETHANOL (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	FULL SCAN EPA 8260 (ppb)
MW-1	11/11/05 03/01/06	NOT SAMPLED DUE TO WATER LEVEL ABOVE CASING <200	<50	<0.5	<0.5	-- 1	-- 17	-- <0.5-<6 ¹
MW-2	11/11/05	<200	<50	<0.5	<0.5	<0.5	<5	<0.5-<6
MW-3	11/11/05	<200	<50	<0.5	<0.5	<0.5	<5	<0.5-<6
MW-4	11/11/05 03/01/06	INACCESSIBLE - VEHICLE PARKED OVER WELL <200	<50	<0.5	-- <0.5	-- <0.5	-- 57	-- <0.5-<6 ²

EXPLANATIONS:

DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
TBA = Tertiary butyl alcohol
(ppb) = Parts per billion
-- = Not Analyzed

ANALYTICAL METHODS:

EPA Method 8015 for Methanol
EPA Method 8260 for Oxygenate Compounds

NOTE: All other constituents by EPA Method 8260 were not detected. See laboratory report for detection limits.

¹ Laboratory report indicates Isopropylbenzene at 2 ppb; n-Propylbenzene at 3 ppb; 1,3,5-Trimethylbenzene at 2 ppb; tert-Butylbenzene at 2 ppb; 1,2,4-Trimethylbenzene at 8 ppb; and sec-Butylbenzene at 1 ppb.

² Laboratory report indicates Chloroform was detected at 2 ppb; Isopropylbenzene at 5 ppb; n-Propylbenzene at 3 ppb; 1,3,5-Trimethylbenzene at 2 ppb; 1,2,4-Trimethylbenzene at 45 ppb; sec-Butylbenzene at 1 ppb; and Naphthalene at 21 ppb.

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, temperature, pH and electrical conductivity are measured. 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. The measurements are taken a minimum of three times during the purging. Purging continues until these parameters stabilize. Purge water is treated by filtering the water through granular activated carbon and is subsequently discharged to the ground surface at the site.

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 for all samples. 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.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-1557
Site Address: 220 Strander Blvd.
City: Tukwila, WA

Job Number: 386699
Event Date: 6-6-06 (inclusive)
Sampler: BWN

Well ID: MW-1
Well Diameter: 2 in.
Total Depth: 14.44 ft.
Depth to Water: 4.37 ft.
10.07 xVF .17 = 1.7

Date Monitored: 6-6-06 Well Condition: OK

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

Purge Equipment:

Disposable Bailer ☒
Stainless Steel Bailer ☐
Stack Pump ☐
Suction Pump ☐
Grundfos ☐
Other: ☐

Sampling Equipment:

Disposable Bailer ☒
Pressure Bailer ☐
Discrete Bailer ☐
Other: ☐

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

Start Time (purge): 1010 Weather Conditions: Sunny
Sample Time/Date: 1030 16-6-06 Water Color: clear Odor: no
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1015</u>	<u>1.7</u>	<u>6.59</u>	<u>412</u>	<u>11.3</u>	<u>1.8</u>	<u>-63</u>
<u>1020</u>	<u>3.4</u>	<u>6.57</u>	<u>408</u>	<u>11.2</u>		
<u>1025</u>	<u>5</u>	<u>6.54</u>	<u>407</u>	<u>11.1</u>		

LABORATORY INFORMATION

LABORATORY INFORMATION					ANALYSES
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	
<u>MW-1</u>	<u>4</u> x vial	YES	HCL	LANCASTER	NWTPH-Gx(8015M)/BTEx/MTBE(8260)
<u>MW-1</u>	<u>1</u> x amber	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
<u>MW-1</u>	<u>1</u> x poly	YES	NP	LANCASTER	DISSOLVED LEAD
<u>MW-1</u>	<u>1</u> x poly	YES	HNO3	LANCASTER	TOTAL LEAD
<u>MW-1</u>	<u>1</u> x amber	YES	NA2S203	LANCASTER	PAH'S

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-1557 Job Number: 386699
Site Address: 220 Strander Blvd. Event Date: 6-6-06 (inclusive)
City: Tukwila, WA Sampler: BWN

Well ID: MW-2
Well Diameter: 2 in.
Total Depth: 14.67 ft.
Depth to Water: 4.72 ft.
9.95 xVF 0.17 = 1.7 x3 (case volume) = Estimated Purge Volume: 5 gal.

Date Monitored: 6-6-06 Well Condition: OK

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

Purge Equipment:

Disposable Bailer ☒
Stainless Steel Bailer ☐
Stack Pump ☐
Suction Pump ☐
Grundfos ☐
Other: ☐

Sampling Equipment:

Disposable Bailer ☒
Pressure Bailer ☐
Discrete Bailer ☐
Other: ☐

Time Started: _____ (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: _____ ft
Visual Confirmation/Description: _____

Skimmer / Absorbent Sock (circle one)
Amt Removed from Skimmer: _____ gal
Amt Removed from Well: _____ gal
Water Removed: _____
Product Transferred to: _____

Start Time (purge): 910 Weather Conditions: Sunny
Sample Time/Date: 930 16-6-06 Water Color: clear Odor: NO
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>915</u>	<u>1.7</u>	<u>6.48</u>	<u>424</u>	<u>11.4</u>	<u>6.7</u>	<u>32</u>
<u>920</u>	<u>3.4</u>	<u>6.41</u>	<u>420</u>	<u>11.3</u>		
<u>925</u>	<u>5</u>	<u>6.39</u>	<u>418</u>	<u>11.2</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>4</u> x voa vial	YES	HCL	LANCASTER	NWTPH-Gx(8015M)/BTEX/MTBE(8260)
<u>MW-2</u>	<u>1</u> x amber	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
<u>MW-2</u>	<u>1</u> x poly	YES	NP	LANCASTER	DISSOLVED LEAD
<u>MW-2</u>	<u>1</u> x poly	YES	HNO3	LANCASTER	TOTAL LEAD
<u>MW-2</u>	<u>1</u> x amber	YES	NA2S2O3	LANCASTER	PAH'S

COMMENTS: Flanges stripped

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-1557 Job Number: 386699
Site Address: 220 Strander Blvd. Event Date: 6-6-06 (inclusive)
City: Tukwila, WA Sampler: BWV

Well ID: MW-3 Date Monitored: 6-6-06 Well Condition: OK
Well Diameter: 2 in.
Total Depth: 15.15 ft.
Depth to Water: 5.94 ft.
9.21 xVF 1.17 = 1.5 x3 (case volume) = Estimated Purge Volume: 4.5 gal.

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

Purge Equipment:

Disposable Bailer ☒
Stainless Steel Bailer ☐
Stack Pump ☐
Suction Pump ☐
Grundfos ☐
Other: ☐

Sampling Equipment:

Disposable Bailer ☒
Pressure Bailer ☐
Discrete Bailer ☐
Other: ☐

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

Start Time (purge): 940 Weather Conditions: Sunny
Sample Time/Date: 1000 / 6-6-06 Water Color: clear Odor: NO
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>945</u>	<u>1.5</u>	<u>6.76</u>	<u>438</u>	<u>11.4</u>	<u>6.4</u>	<u>39</u>
<u>950</u>	<u>3</u>	<u>6.72</u>	<u>433</u>	<u>11.5</u>		
<u>955</u>	<u>4.5</u>	<u>6.67</u>	<u>429</u>	<u>11.6</u>		

LABORATORY INFORMATION

LABORATORY INFORMATION					ANALYSES
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	
<u>MW-3</u>	<u>4</u> x voa vial	YES	HCL	LANCASTER	NWTPH-Gx(8015M)/BTEx/MTBE(8260)
<u>MW-3</u>	<u>1</u> x amber	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
<u>MW-3</u>	<u>1</u> x poly	YES	NP	LANCASTER	DISSOLVED LEAD
<u>MW-3</u>	<u>1</u> x poly	YES	HNO3	LANCASTER	TOTAL LEAD
<u>MW-3</u>	<u>1</u> x amber	YES	NA2S2O3	LANCASTER	PAH'S

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-1557 Job Number: 386699
Site Address: 220 Strander Blvd. Event Date: 6-6-06 (inclusive)
City: Tukwila, WA Sampler: BWN

Well ID: MW-4 Date Monitored: 6-6-06 Well Condition: OK
Well Diameter: 2 in.
Total Depth: 19.61 ft.
Depth to Water: 9.54 ft.
10.07 xVF 1.17 = 1.17 x3 (case volume) = Estimated Purge Volume: 5 gal.

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

Purge Equipment:

Disposable Bailer ☒
Stainless Steel Bailer ☐
Stack Pump ☐
Suction Pump ☐
Grundfos ☐
Other: ☐

Sampling Equipment:

Disposable Bailer ☒
Pressure Bailer ☐
Discrete Bailer ☐
Other: ☐

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

Start Time (purge): 840 Weather Conditions: Sunny
Sample Time/Date: 900 / 6-6-06 Water Color: clear Odor: no
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>845</u>	<u>1.7</u>	<u>6.77</u>	<u>437</u>	<u>11.6</u>	<u>6.1</u>	<u>-11</u>
<u>850</u>	<u>3.4</u>	<u>6.74</u>	<u>432</u>	<u>11.4</u>		
<u>855</u>	<u>5</u>	<u>6.72</u>	<u>429</u>	<u>11.2</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>4</u> x voa vial	YES	HCL	LANCASTER	NWTPH-Gx(8015M)/BTEX/MTBE(8260)
<u>MW-4</u>	<u>1</u> x amber	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
<u>MW-4</u>	<u>1</u> x poly	YES	NP	LANCASTER	DISSOLVED LEAD
<u>MW-4</u>	<u>1</u> x poly	YES	HNO3	LANCASTER	TOTAL LEAD
<u>MW-4</u>	<u>1</u> x amber	YES	NA2S2O3	LANCASTER	PAH'S

COMMENTS: Replaced Plug

Add/Replaced Lock: _____

Add/Replaced Plug: ☒ Size: 2"

Lancaster Laboratories
Where quality is a science.

Where quality is a science.

Acid #: 10904
Sample #: 9791442-49
For Lancaster Laboratories use only

趙

#993082

Where quality is a science.

Analyses Requested									
Preservation Codes									
Matrix									
Total Number of Containers									
Relinquished by:									
Facility #: SS#9-1557-OML G-R#386699									
Site Address: 220 Strander Blvd., TUKWILA, WA									
Chevron PM: DT Lead Consultant: CAMBRIATC									
Consultant/Office: G-R Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568									
Consultant Proj. Mgr. Deanna L Harding (deanna@dninc.com)									
Consultant Phone #925-551-7555 Fax #: 925-551-7899									
Sampler: Ben Newton									
Service Order #: Non SAR: ☐									
Sample Identification									
Date Collected									
Time Collected									
Grab									
Composite									
Soil									
Water									
Oil ☐ Air ☐									
Potable ☐ NPDES ☐									
TPH ☒ TPH D ☒ TPH G ☒									
Lead Total ☒ Method ☒									
VPHEPH ☒ quantification ☐									
NWTPH H HClD ☐									
Preservative Codes									
H = HCl T = Thiocyanate									
N = HNO ₃ B = NaOH									
S = H ₂ SO ₄ O = Other									
☐ J value reporting needed									
☐ Must meet lowest detection limits possible for 8260 compounds									
8021 MTBE Confirmation									
☐ Confirm MTBE + Naphthalene									
☐ Confirm highest hit by 8260									
☐ Confirm all hits by 8260									
☐ Run ____ oxy s on highest hit									
☐ Run ____ oxy s on all hits									
Comments / Remarks									
Total Lead									
only for MW-2									
* Lancaster Labs only									
received 1 vial									
for QA sample.									
We will not be									
able to analyze									
TPH-G on the QA.									
LF 6/12/06									
Relinquished by: Ben Newton									
Relinquished by:									
Relinquished by:									
Relinquished by: Commercial Carrier:									
UPS FedEx Other									
Temperature Upon Receipt 27-4.5 C°									
Data Package Options (please circle if required) EDF/EDD									
QC Summary Type I - Full									
Type VI (Raw Data) Disk / EDD									
Standard Format WIP (RWQCB)									
Disk									
Turnaround Time Requested (TAT) (please circle)									
STD. TAT 72 hour 48 hour 5 day									
24-hour 4 day									

3468 Rev. 8/8/01

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.



Analysis Report

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

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 993082. Samples arrived at the laboratory on Saturday, June 10, 2006. The PO# for this group is 0015004995 and the release number is THURMAN.

Client Description

QA Water Sample
MW-1 Grab Water Sample
MW-1 Filtered Grab Water Sample
MW-2 Grab Water Sample
MW-3 Grab Water Sample
MW-3 Filtered Grab Water Sample
MW-4 Grab Water Sample
MW-4 Filtered Grab Water Sample

Lancaster Labs Number

4791442
4791443
4791444
4791445
4791446
4791447
4791448
4791449

ELECTRONIC COPY TO Cambria c/o Gettler-Ryan

Attn: Cheryl Hansen



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2661 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Lynn M Frederiksen at (717) 656-2300

Respectfully Submitted,

A handwritten signature in black ink that reads "Michele J. Smith".

Michele J. Smith
Group Leader



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. WW 4791442

QA Water Sample
Facility# 91557 Job# 386699
220 Strander Blvd. - Tukwila, WA
Collected: 06/06/2006

Account Number: 10904

Submitted: 06/10/2006 10:15
Reported: 06/29/2006 at 23:16
Discard: 07/30/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SBTQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of Washington Lab Certification No. C259

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
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	06/17/2006 03:26	Dawn M Harle	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/17/2006 03:26	Dawn M Harle	1



Analysis Report

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

Page 1 of 2

Lancaster Laboratories Sample No. WW 4791443

MW-1 Grab Water Sample
Facility# 91557 Job# 386699
220 Strander Blvd. - Tukwila, WA
Collected: 06/06/2006 10:30 by BN

Account Number: 10904

Submitted: 06/10/2006 10:15
Reported: 06/29/2006 at 23:16
Discard: 07/30/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SBT01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01055	Lead (furnace method)	7439-92-1	58.7	0.51	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	4,500.	790.	ug/l	10
02096	Heavy Range Organics	n.a.	14,000.	990.	ug/l	10
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	8,600.	240.	ug/l	5
08357	Selected SVOAs by 8270 SIM					
08362	Naphthalene	91-20-3	9.7	0.01	ug/l	1
08365	Acenaphthylene	208-96-8	N.D.	0.02	ug/l	1
08366	Acenaphthene	83-32-9	0.49	0.01	ug/l	1
08368	Fluorene	86-73-7	0.32	0.01	ug/l	1
08369	Phenanthrene	85-01-8	0.22	0.01	ug/l	1
08370	Anthracene	120-12-7	0.096	0.02	ug/l	1
08372	Fluoranthene	206-44-0	0.29	0.01	ug/l	1
08373	Pyrene	129-00-0	0.58	0.02	ug/l	1
08374	Benzo(a)anthracene	56-55-3	0.11	0.02	ug/l	1
08375	Chrysene	218-01-9	0.22	0.02	ug/l	1
08376	Benzo(b)fluoranthene	205-99-2	0.30	0.02	ug/l	1
08377	Benzo(k)fluoranthene	207-08-9	0.082	0.01	ug/l	1
08378	Benzo(a)pyrene	50-32-8	0.13	0.02	ug/l	1
08379	Indeno(1,2,3-cd)pyrene	193-39-5	0.13	0.02	ug/l	1
08380	Dibenz(a,h)anthracene	53-70-3	0.031	0.02	ug/l	1
08381	Benzo(g,h,i)perylene	191-24-2	0.32	0.02	ug/l	1
The recoveries for phenanthrene and anthracene were above QC limits in the LCS and/or LCSD associated with this sample. Sufficient sample was not available to re-extract the sample.						
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	4.	0.5	ug/l	1
05401	Benzene	71-43-2	560.	3.	ug/l	5
05407	Toluene	108-88-3	260.	3.	ug/l	5
05415	Ethylbenzene	100-41-4	200.	3.	ug/l	5
06310	Xylene (Total)	1330-20-7	1,100.	3.	ug/l	5

Lancaster Laboratories Sample No. **WW 4791443**

MW-1 Grab Water Sample
Facility# 91557 Job# 386699
220 Strander Blvd. - Tukwila, WA
Collected: 06/06/2006 10:30 by BN

Account Number: 10904

Submitted: 06/10/2006 10:15
Reported: 06/29/2006 at 23:16
Discard: 07/30/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SBT01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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State of Washington Lab Certification No. C259

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
01055	Lead (furnace method)	SW-846 7421	1	06/20/2006 12:29	Jennifer L Moyer	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	06/19/2006 13:16	Matthew E Barton	10
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	06/13/2006 07:40	Steven A Skiles	5
08357	Selected SVOAs by 8270 SIM	SW-846 8270C SIM	1	06/23/2006 20:54	Timothy J Trees	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	06/17/2006 03:49	Dawn M Harle	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	06/17/2006 04:11	Dawn M Harle	5
00813	BNA Water Extraction	SW-846 3510C	1	06/13/2006 04:30	David V Hershey Jr	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/13/2006 07:40	Steven A Skiles	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/17/2006 03:49	Dawn M Harle	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	06/17/2006 04:11	Dawn M Harle	5
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	06/13/2006 08:05	Darin P Wagner	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	06/17/2006 00:10	Helen L Schaeffer	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4791444

MW-1 Filtered Grab Water Sample

Facility# 91557 Job# 386699

220 Strander Blvd. - Tukwila, WA

Collected: 06/06/2006 10:30 by BN

Account Number: 10904

Submitted: 06/10/2006 10:15

Reported: 06/29/2006 at 23:16

Discard: 07/30/2006

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

CAT	Analysis Name	CAS Number	As Received Result	As Received Method	Detection Limit	Units	Dilution Factor
01055	Lead (furnace method)	7439-92-1	N.D.		0.51	ug/l	1

State of Washington Lab Certification No. C259

This sample was filtered in the lab for dissolved metals.

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	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
No.						
01055	Lead (furnace method)	SW-846 7421	1	06/20/2006 12:33	Jennifer L Moyer	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	06/17/2006 00:10	Helen L Schaeffer	1



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Lancaster Laboratories Sample No. WW 4791445

MW-2 Grab Water Sample

Facility# 91557 Job# 386699

220 Strander Blvd. - Tukwila, WA

Collected: 06/06/2006 09:30 by BN

Account Number: 10904

Submitted: 06/10/2006 10:15

Reported: 06/29/2006 at 23:16

Discard: 07/30/2006

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

SBT02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01055	Lead (furnace method)	7439-92-1	0.63	0.51	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	130.	80.	ug/l	1
02096	Heavy Range Organics	n.a.	380.	100.	ug/l	1
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of Washington Lab Certification No. C259

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
01055	Lead (furnace method)	SW-846 7421	1	06/20/2006 12:44	Jennifer L Moyer	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	06/13/2006 18:41	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	06/13/2006 08:12	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	06/17/2006 04:34	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/13/2006 08:12	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/17/2006 04:34	Dawn M Harle	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	06/13/2006 08:05	Darin P Wagner	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	06/17/2006 00:10	Helen L Schaeffer	1



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Lancaster Laboratories Sample No. WW 4791445

MW-2 Grab Water Sample

Facility# 91557 Job# 386699

220 Strander Blvd. - Tukwila, WA

Collected: 06/06/2006 09:30 by BN

Submitted: 06/10/2006 10:15

Reported: 06/29/2006 at 23:16

Discard: 07/30/2006

Account Number: 10904

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

SBT02



Analysis Report

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Lancaster Laboratories Sample No. WW 4791446

MW-3 Grab Water Sample
Facility# 91557 Job# 386699
220 Strander Blvd. - Tukwila, WA
Collected: 06/06/2006 10:00 by BN

Account Number: 10904

Submitted: 06/10/2006 10:15
Reported: 06/29/2006 at 23:16
Discard: 07/30/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SBT03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01055	Lead (furnace method)	7439-92-1	6.7	0.51	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	94.	79.	ug/l	1
02096	Heavy Range Organics	n.a.	230.	99.	ug/l	1
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	51.	48.	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.7	0.5	ug/l	1
05401	Benzene	71-43-2	11.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	8.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	9.	0.5	ug/l	1

State of Washington Lab Certification No. C259

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
01055	Lead (furnace method)	SW-846 7421	1	06/20/2006 12:47	Jennifer L Moyer	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	06/13/2006 19:00	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	06/13/2006 08:45	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	06/17/2006 04:57	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/13/2006 08:45	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/17/2006 04:57	Dawn M Harle	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	06/13/2006 06:05	Darin P Wagner	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	06/17/2006 00:10	Helen L Schaeffer	1



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Lancaster Laboratories Sample No. WW 4791446

MW-3 Grab Water Sample

Facility# 91557 Job# 386699

220 Strander Blvd. - Tukwila, WA

Collected: 06/06/2006 10:00 by BN

Account Number: 10904

Submitted: 06/10/2006 10:15

Reported: 06/29/2006 at 23:16

Discard: 07/30/2006

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

SBT03



Analysis Report

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Lancaster Laboratories Sample No. WW 4791447

MW-3 Filtered Grab Water Sample
Facility# 91557 Job# 386699
220 Strander Blvd. - Tukwila, WA
Collected: 06/06/2006 10:00 by BN

Account Number: 10904

Submitted: 06/10/2006 10:15
Reported: 06/29/2006 at 23:16
Discard: 07/30/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01055	Lead (furnace method)	7439-92-1	N.D.	0.51	ug/l	1

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

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
01055	Lead (furnace method)	SW-846 7421	1	06/20/2006 12:58	Jennifer L Moyer	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	06/17/2006 00:30	Helen L Schaeffer	1



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Lancaster Laboratories Sample No. WW 4791448

MW-4 Grab Water Sample
Facility# 91557 Job# 386699
220 Strander Blvd. - Tukwila, WA
Collected: 06/06/2006 09:00 by BN

Account Number: 10904

Submitted: 06/10/2006 10:15
Reported: 06/29/2006 at 23:16
Discard: 07/30/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SBT04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01055	Lead (furnace method)	7439-92-1	4.0	0.51	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	N.D.	80.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	100.	ug/l	1
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
08357	Selected SVOAs by 8270 SIM					
08362	Naphthalene	91-20-3	0.015	0.01	ug/l	1
08365	Acenaphthylene	208-96-8	N.D.	0.02	ug/l	1
08366	Acenaphthene	83-32-9	N.D.	0.01	ug/l	1
08368	Fluorene	86-73-7	N.D.	0.01	ug/l	1
08369	Phenanthrene	85-01-8	N.D.	0.01	ug/l	1
08370	Anthracene	120-12-7	N.D.	0.02	ug/l	1
08372	Fluoranthene	206-44-0	N.D.	0.01	ug/l	1
08373	Pyrene	129-00-0	N.D.	0.02	ug/l	1
08374	Benzo(a)anthracene	56-55-3	N.D.	0.02	ug/l	1
08375	Chrysene	218-01-9	N.D.	0.02	ug/l	1
08376	Benzo(b)fluoranthene	205-99-2	N.D.	0.02	ug/l	1
08377	Benzo(k)fluoranthene	207-08-9	N.D.	0.01	ug/l	1
08378	Benzo(a)pyrene	50-32-8	N.D.	0.02	ug/l	1
08379	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.02	ug/l	1
08380	Dibenz(a,h)anthracene	53-70-3	N.D.	0.02	ug/l	1
08381	Benzo(g,h,i)perylene	191-24-2	N.D.	0.02	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	7.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of Washington Lab Certification No. C259



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Lancaster Laboratories Sample No. WW 4791448

MW-4 Grab Water Sample
Facility# 91557 Job# 386699
220 Strander Blvd. - Tukwila, WA
Collected: 06/06/2006 09:00 by BN

Account Number: 10904

Submitted: 06/10/2006 10:15
Reported: 06/29/2006 at 23:16
Discard: 07/30/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SBT04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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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
01055	Lead (furnace method)	SW-846 7421	1	06/21/2006 13:56	Jennifer L Moyer	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	06/13/2006 17:23	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	06/13/2006 09:17	Steven A Skiles	1
08357	Selected SVOAs by 8270 SIM	SW-846 8270C SIM	1	06/23/2006 21:24	Timothy J Trees	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	06/17/2006 05:20	Dawn M Harle	1
00813	BNA Water Extraction	SW-846 3510C	1	06/13/2006 04:30	David V Hershey Jr	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/13/2006 09:17	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/17/2006 05:20	Dawn M Harle	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	06/13/2006 08:05	Darin P Wagner	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	06/17/2006 00:30	Helen L Schaeffer	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4791449

MW-4 Filtered Grab Water Sample
Facility# 91557 Job# 386699
220 Strander Blvd. - Tukwila, WA
Collected: 06/06/2006 09:00 by BN

Account Number: 10904

Submitted: 06/10/2006 10:15
Reported: 06/29/2006 at 23:16
Discard: 07/30/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01055	Lead (furnace method)	7439-92-1	N.D.	0.51	ug/l	1

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

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
01055	Lead (furnace method)	SW-846 7421	1	06/20/2006 13:31	Jennifer L Moyer	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	06/17/2006 00:30	Helen L Schaeffer	1

Quality Control Summary

Client Name: Chevron
Reported: 06/29/06 at 11:16 PM

Group Number: 993082

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: 061630023A	Sample number(s): 4791443, 4791445-4791446, 4791448							
Diesel Range Organics	N.D.	0.080	mg/l	86	81	51-113	6	20
Heavy Range Organics	N.D.	0.10	mg/l					
Batch number: 06163A07A	Sample number(s): 4791443, 4791445-4791446, 4791448							
TPH by NWTPH-Gx waters	N.D.	48.	ug/l	90	89	70-130	1	30
Batch number: 06163WAD026	Sample number(s): 4791443, 4791448							
Naphthalene	N.D.	0.01	ug/l	96	99	70-111	3	30
Acenaphthylene	N.D.	0.02	ug/l	97	95	75-110	2	30
Acenaphthene	N.D.	0.01	ug/l	100	101	81-109	0	30
Fluorene	N.D.	0.01	ug/l	104	102	75-115	2	30
Phenanthrene	N.D.	0.01	ug/l	113	116*	76-114	2	30
Anthracene	N.D.	0.02	ug/l	116*	117*	67-113	0	30
Fluoranthene	N.D.	0.01	ug/l	117	119	69-123	2	30
Pyrene	N.D.	0.02	ug/l	101	102	76-114	1	30
Benzo(a)anthracene	N.D.	0.02	ug/l	99	102	76-111	2	30
Chrysene	N.D.	0.02	ug/l	100	102	76-112	2	30
Benzo(b)fluoranthene	N.D.	0.02	ug/l	112	111	56-138	1	30
Benzo(k)fluoranthene	N.D.	0.01	ug/l	111	110	68-124	0	30
Benzo(a)pyrene	N.D.	0.02	ug/l	105	104	64-114	0	30
Indeno(1,2,3-cd)pyrene	N.D.	0.02	ug/l	100	101	76-119	0	30
Dibenz(a,h)anthracene	N.D.	0.02	ug/l	90	90	60-126	0	30
Benzo(g,h,i)perylene	N.D.	0.02	ug/l	99	99	74-117	0	30
Batch number: 061685704001	Sample number(s): 4791443-4791446							
Lead (furnace method)	N.D.	0.00051	mg/l	108		80-120		
Batch number: 061685704002	Sample number(s): 4791447-4791449							
Lead (furnace method)	N.D.	0.00051	mg/l	100		80-120		
Batch number: D061674AA	Sample number(s): 4791442-4791443, 4791445-4791446, 4791448							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	92		73-119		
Benzene	N.D.	0.5	ug/l	93		65-117		
Toluene	N.D.	0.5	ug/l	93		85-115		
Ethylbenzene	N.D.	0.5	ug/l	96		82-119		
Xylene (Total)	N.D.	0.5	ug/l	97		83-113		

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	BKG MAX	DUP Conc	DUP RPD	Dup RPD Max
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*- Outside of specification

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

Quality Control Summary

Client Name: Chevron
Reported: 06/29/06 at 11:16 PM

Group Number: 993082

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: 06163A07A TPH by NWTPH-Gx waters	Sample number(s): 4791443, 4791445-4791446, 4791448 UNSPK: P788979								
	92		63-154						
Batch number: 061685704001 Lead (furnace method)	Sample number(s): 4791443-4791446 UNSPK: P791425 BKG: P791425								
	105	103	80-120	1	20	0.0024	0.0017	36* (1)	20
Batch number: 061685704002 Lead (furnace method)	Sample number(s): 4791447-4791449 UNSPK: 4791447 BKG: 4791447								
	100	103	80-120	3	20	N.D.	N.D.	-5 (1)	20
Batch number: D061674AA Methyl Tertiary Butyl Ether	Sample number(s): 4791442-4791443, 4791445-4791446, 4791448 UNSPK: P790215								
Benzene	96	97	69-127	1	30				
Toluene	104	105	83-128	1	30				
Ethylbenzene	101	104	83-127	2	30				
Xylene (Total)	102	105	82-129	3	30				
	103	103	82-130	0	30				

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 by NWTPH-Dx(water) w/SiGel
Batch number: 061630023A
Orthoterphenyl

4791443	116
4791445	96
4791446	99
4791448	95
Blank	97
LCS	111
LCSD	108

Limits: 50-150

Analysis Name: TPH by NWTPH-Gx waters
Batch number: 06163A07A
Trifluorotoluene-F

4791443	89
4791445	90
4791446	87
4791448	83
Blank	88
LCS	95
LCSD	93
MS	98

Limits: 63-135

*- Outside of specification

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

Quality Control Summary

Client Name: Chevron
Reported: 06/29/06 at 11:16 PM

Group Number: 993082

Surrogate Quality Control

Analysis Name: Selected SVOAs by 8270 SIM

Batch number: 06163WAD026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4791443	211*	77	110
4791448	127	92	115
Blank	120	89	92
LCS	116	93	94
LCSD	119	93	93

Limits: 57-137 60-115 64-123

Analysis Name: BTEX+MTBE by 8260B

Batch number: D061674AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4791442	106	99	101	103
4791443	101	97	100	104
4791445	105	101	100	103
4791446	104	98	98	100
4791448	109	103	103	106
Blank	106	99	100	102
LCS	104	104	100	102
MS	106	102	100	102
MSD	106	101	100	102
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background 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	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
Cal	(diet) calories	lb.	pound(s)
meq	milliequivalents	kg	kilogram(s)
g	gram(s)	mg	milligram(s)
ug	microgram(s)	l	liter(s)
ml	milliliter(s)	ul	microliter(s)
m3	cubic meter(s)	fib >5 um/ml	fibers greater than 5 microns in length per ml
<	less than – The number following the sign is the <u>limit of quantitation</u> , 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 quantitated 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.

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