



18912 North Creek Parkway, Suite 101, Bothell, Washington 98011

(425) 482-3321 Fax (425) 485-5566

November 12, 2007

Mr. Brett Hunter
Chevron Environmental Management Company
6001 Bollinger Canyon Road, Room
San Ramon, California

**Re: Second Quarter 2007 Groundwater Monitoring Report
Former Standard Oil Service Station No. 305192
9816 271st Street NW, Stanwood, Washington**

Mr. Hunter:

Science Applications International Corporation (SAIC) has prepared this Groundwater Monitoring Report for the above referenced site in Stanwood, Washington. The second quarter 2007 groundwater monitoring event was conducted by Gettler-Ryan, Inc. on April 25, 2007. A copy of Gettler-Ryan's *Groundwater Monitoring and Sampling Report* has been included as Attachment A.

Field Activities

Prior to sample collection, depth to groundwater measurements were collected from each of the four monitoring wells present at this site. At the time of this monitoring event, groundwater elevation (based on an arbitrary benchmark elevation of 100.00 feet) ranged from 94.81 feet in monitoring well MW-4 to 98.32 feet in monitoring well MW-3. Groundwater flow at the time of this event was southwesterly at a gradient of approximately 0.04 feet per foot (ft/ft), and groundwater elevation had decreased an average of 0.86 feet from the previous groundwater monitoring event conducted in January 2007.

At the time that groundwater elevation data was collected, each monitoring well was checked for the presence of separate-phase hydrocarbon (SPH). None of the four monitoring wells present at the site contained a measurable thickness of SPH.

Groundwater samples were collected from all four wells present at this site and submitted to Lancaster Laboratories for analysis of gasoline-range hydrocarbons by Washington State Department of Ecology (WDOE) Method NWTPH-G; for diesel and oil range

hydrocarbons by WDOE Method NWTPH-Dx and for benzene, toluene, ethylbenzene and total xylenes (BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8021.

Groundwater Analytical Results

Total Petroleum Hydrocarbon - TPH as gasoline-range hydrocarbon (TPH-G) was detected in monitoring wells MW-2 and MW-4 at concentrations of 250 micrograms per liter ($\mu\text{g/L}$) and 89 $\mu\text{g/L}$, respectively.

TPH as diesel-range hydrocarbon (TPH-D) was reported in all four monitoring wells sampled at concentrations ranging from 190 $\mu\text{g/L}$ in monitoring well MW-1 to 9,300 $\mu\text{g/L}$ in well MW-4.

TPH as oil-range hydrocarbon (TPH-O) was reported in all four monitoring wells sampled at concentrations at concentrations ranging from 110 $\mu\text{g/L}$ in monitoring well MW-3 to 2,000 $\mu\text{g/L}$ in monitoring well MW-4.

BTEX - Benzene at a concentration exceeding the 0.5 $\mu\text{g/L}$ method detection limit (MDL) was reported in one (MW-2 at 13 $\mu\text{g/L}$) of the four wells sampled. Toluene, ethylbenzene, total xylenes and MTBE were not detected above their respective MDLs in any of the monitoring wells sampled.

Discussion

Based on a review of the groundwater sampling data collected during this groundwater sampling event, constituent concentrations are consistent with historical concentrations. The continuing presence of TPH as diesel and oil at this location may be a result of the motor oil and other petroleum liquids which remain present in two small UST's located beneath the alleyway adjacent to the southern property boundary. The presence of a high-pressure natural gas line running over the top of these two tanks has complicated their removal.

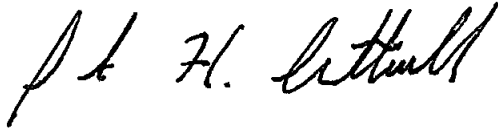
Summary

Groundwater elevations recorded during this monitoring event were within the historic elevation range observed at the site, and no measurable thickness of SPH was present in any of the four monitoring wells present. Petroleum hydrocarbons in groundwater were detected in all four monitoring wells sampled during this event at concentration at or above their respective MDLs and in two of the four wells sampled at concentrations exceeding MTCA Method A cleanup levels. The next quarterly groundwater monitoring round is scheduled for July 2007.

If you have any questions regarding the contents of this letter, please contact Peter Catterall at 425-482-3321 or at catterallp@saic.com.

Sincerely,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION



Peter Catterall
Senior Project Manager

Attachments: Attachment A – Gettler-Ryan, Inc. Reports

cc: Mr. Joe Hickey, WDOE Northwest Region, Toxics Cleanup Program,
3190 160th Avenue SE, Bellevue, WA 98008-5452

Mr. Eldon (Wayne) Raplee, 14115 70th Ave. NW, Stanwood, WA 98292

DCS: C01-SAI-305192-01-13718

Limitation of use: SAIC's investigation was restricted to collection and analyses of a limited number of environmental samples, visual observations and field data, in addition to summarizing available information from previous site documents. Note that not all pertinent documents were available at the time of the investigation. SAIC cannot guarantee the accuracy or interpretation from previous site investigations. Because the current investigation consisted of collecting and evaluating a limited supply of information, SAIC may not have identified all potential items of concern and, therefore, SAIC warrants only that the project activities under this contract have been performed within the parameters and scope communicated by Chevron Environmental Management Company and reflected in the contract. This report is intended to be used in its entirety; taking or using excerpts from this report is not permitted and any party doing so does at its own risk.



GETTLER-RYAN Inc.

TRANSMITTAL

June 7, 2007
G-R #387100

TO: Mr. Peter Catterall
SAIC
18912 North Creek Parkway, Suite 101
Bothell, Washington 98011

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

RE: **Former Chevron Service Station
#305192
9816 271st Street Northwest
Stanwood, Washington**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
4	June 4, 2007	Groundwater Monitoring and Sampling Report Event of April 25, 2007

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. Brett Hunter, Chevron Environmental Management Company, P.O. Box 6012, Room K2252,
San Ramon, CA 94583

Mr. Joe Hickey, WDOE, Northwest Region, Toxics Cleanup Program, 3190 160th Avenue, SE, Bellevue, WA
98008-5452

Mr. Wayne Raplee, 14115 70th Avenue NW, Stanwood, WA 98292

Current Site Check List included.

Enclosure

trans/305192-BH



GETTLER - RYAN INC.

June 4, 2007
Job #387100

Mr. Brett Hunter
Chevron Environmental Management Company
P.O. Box 6012, Room K2252
San Ramon, CA 94583

RE: Event of April 25, 2007
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #305192
9816 271st Street Northwest
Stanwood, Washington

Dear Mr. Hunter:


This report documents the 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).

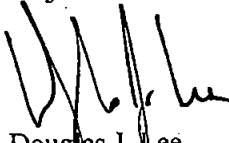
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in any wells. Static water level data and groundwater elevations are presented in Table 1. A Potentiometric Map is included as Figure 1.

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 filtering the water 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


Douglas J. Lee
Senior Geologist, L.G. No. 2660

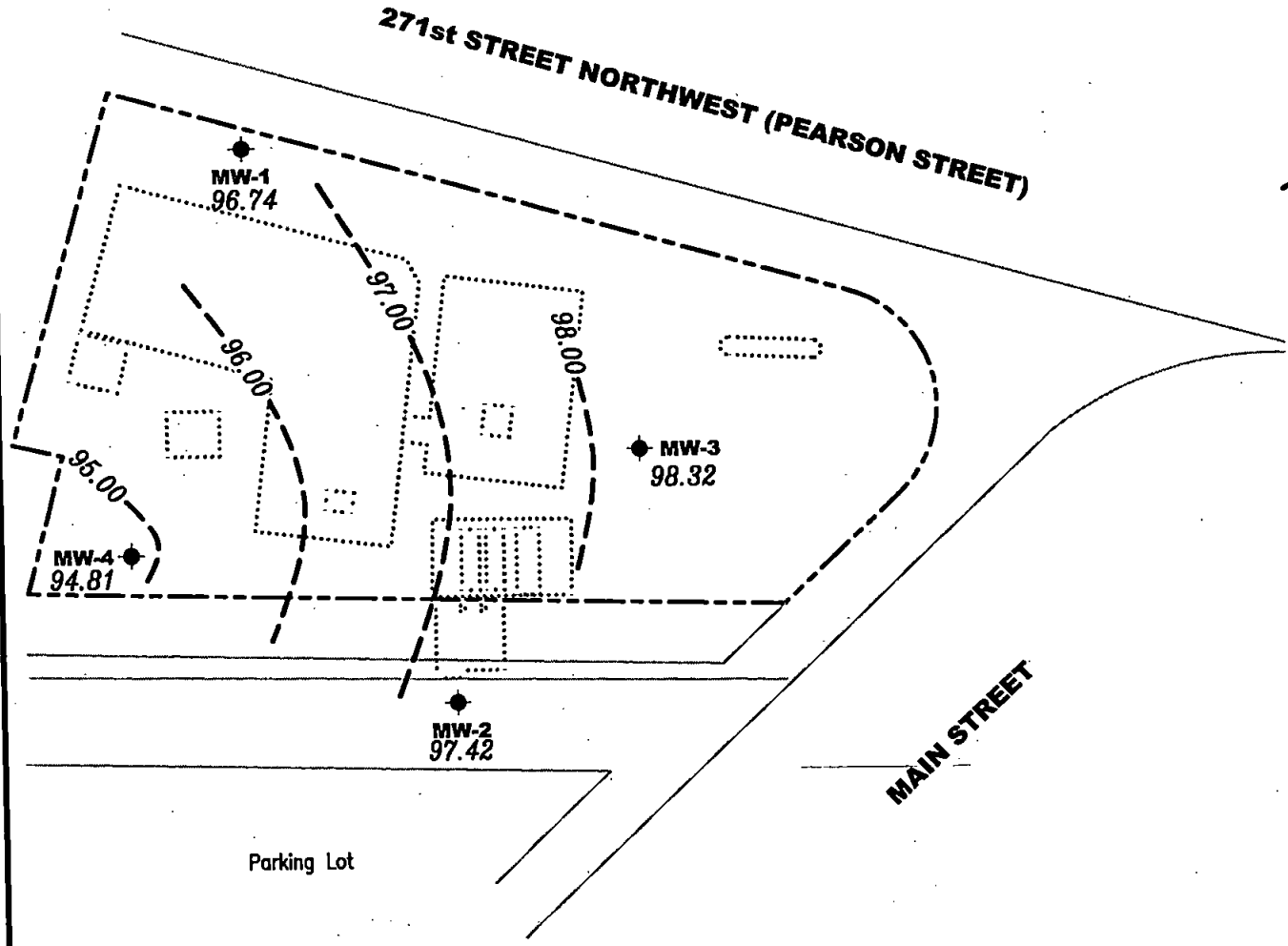


Douglas J. Lee

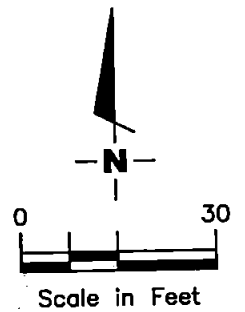
Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results
Table 3: Field Measurements
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

EXPLANATION

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



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



Source: Figure modified from drawing provided by SAIC, Dated: 02/06/2006.

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

POTENTIOMETRIC MAP
 Former Chevron Service Station #305192
 9816 271st Street Northwest
 Stanwood, Washington

FIGURE
1

PROJECT NUMBER
387100

REVIEWED BY

DATE
April 25, 2007

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #305192
9816 271st Street Northwest
Stanwood, 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)
MW-1												
04/10/06	98.32	1.81	96.51	--	--	--	--	--	--	--	--	--
05/03/06	98.32	--	--	310 ¹	120 ¹	<240	<2.5	<2.5	4.7	11	<13	<0.87
08/02/06	PER 98.32	2.96	95.36	260 ¹	330 ¹	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--
10/10/06	PER 98.32	2.55	95.77	150 ¹	<100 ¹	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--
01/15/07	PER 98.32	1.64	96.68	<160 ¹	<200 ¹	<240	<2.5	<2.5	<2.5	<7.5	<13	--
04/25/07	PER 98.32	1.58	96.74	190 ¹	130 ¹	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
MW-2												
04/10/06	99.58	2.29	97.29	--	--	--	--	--	--	--	--	--
05/03/06	99.58	--	--	1,400 ¹	560 ¹	<240	13	<2.5	<2.5	<7.5	<13	<0.87
08/02/06	PER 99.58	2.98	96.60	2,000 ¹	1,800 ¹	220	20	<0.5	<0.5	1.6	<2.5	--
10/10/06	PER 99.58	3.64	95.94	1,400 ¹	790 ¹	<240	16	<2.5	<2.5	<7.5	<13	--
01/15/07	PER 99.58	2.08	97.50	810 ¹	270 ¹	<240	9.3	<2.5	<2.5	<7.5	<13	--
04/25/07	PER 99.58	2.16	97.42	830 ¹	480 ¹	250	13	<0.5	<0.5	<1.5	<2.5	--
MW-3												
04/10/06	99.16	0.40	98.76	--	--	--	--	--	--	--	--	--
05/03/06	99.16	--	--	580 ¹	240 ¹	<240	<2.5	<2.5	<2.5	<7.5	<13	<0.87
08/02/06	PER 99.16	2.61	96.55	350 ¹	380 ¹	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--
10/10/06	PER 99.16	2.75	96.41	310 ¹	140 ¹	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--
01/15/07	PER 99.16	0.50	98.66	250 ¹	<100 ¹	<240	<2.5	<2.5	<2.5	<7.5	<13	--
04/25/07	PER 99.16	0.84	98.32	260 ¹	110 ¹	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
MW-4												
04/10/06	100.00	2.08	97.92	--	--	--	--	--	--	--	--	--
05/03/06	100.00	--	--	7,900 ¹	<1,000 ¹	<240	<2.5	<2.5	<2.5	<7.5	<13	<0.87
08/02/06	PER 99.16	3.57	95.59	7,300 ¹	<1,000 ¹	73	<0.5	<0.5	<0.5	2.8	<2.5	--
10/10/06	PER 99.16	4.28	94.88	7,900 ¹	2,200 ¹	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--
01/15/07	PER 99.16	2.98	96.18	8,300 ¹	3,000 ¹	<240	<2.5	<2.5	<2.5	<7.5	<13	--
04/25/07	PER 99.16	4.35	94.81	9,300 ¹	2,000 ¹	89	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #305192
9816 271st Street Northwest
Stanwood, 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)
TRIP BLANK												
QA												
05/03/06	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/02/06	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--
10/10/06	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--
01/15/07	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--
04/25/07	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

	TPH-D	TPH-O	TPH-G	B	T	E	X	MTBE	D. LEAD
Standard Laboratory Reporting Limits:	250	250	48	0.5	0.5	0.5	1.5	2.5	0.001
MTCA Method A Cleanup Levels:	500	500	800/1,000	5	1,000	700	1,000	20	--
Current Method:	NWTPH-D + Extended		NWTPH-G and EPA 8021B					EPA 7421	

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #305192
9816 271st Street Northwest
Stanwood, Washington

EXPLANATIONS:

TOC = Top of Casing

(ft.) = Feet

DTW = Depth to Water

GWE = Groundwater Elevation

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-O = Total Petroleum Hydrocarbons as Oil

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

D. LEAD = Dissolved Lead

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

PER = Peristaltic Pump used for Purging

QA = Quality Assurance/Trip Blank

MTCA = Model Toxics Control Act Cleanup Regulations

[WAC 173-340-720(2)(a)(I), as amended 02/01].

* TOC elevations are expressed in feet relative to an arbitrary datum.

† TPH-D and TPH-O with silica gel cleanup.

Table 2
Groundwater Analytical Results
 Former Chevron Service Station #305192
 9816 271st Street Northwest
 Stanwood, Washington

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	FULL SCAN EPA 8260 (ppb)
MW-4	05/03/06	<500	<50	<5	<5	<5	<5	<5 - <60

EXPLANATIONS:

TBA = Tertiary butyl alcohol
 MTBE = Methyl tertiary butyl ether
 DIPE = Di-isopropyl ether
 ETBE = Ethyl tertiary butyl ether
 TAME = Tertiary amyl methyl ether
 (ppb) = Parts per billion

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Table 3
Field Measurements
Former Chevron Service Station #305192
9816 271st Street Northwest
Stanwood, Washington

WELL ID	DATE	Time (2400 hr.)	pH	Conductivity (μ mhos/cm)	Temperature ($^{\circ}$ C/ $^{\circ}$ F $^{\circ}$)	Turbidity (NTU)
MW-1	08/02/06	1055	6.72	401	15.4/--	93
	01/15/07	1140	6.79	412	12.0/--	--
		1144	6.72	408	11.8/--	--
		1149	6.68	403	11.7/--	--
04/25/07	1259	6.39	752	13.5/--	--	
MW-2	08/02/06	1017	6.49	430	15.2/--	371
		1025	6.47	421	15.1/--	78
	01/15/07	1106	6.82	404	11.8/--	--
		1111	6.76	398	11.7/--	--
		1116	6.75	393	11.6/--	--
	04/25/07	1158	6.60	856	12.8/--	--
MW-3	08/02/06	957	6.56	412	15.5/--	83
	01/15/07	1041	6.70	407	11.9/--	--
		1045	6.65	401	11.8/--	--
		1051	6.62	397	11.7/--	--
04/25/07	1227	6.52	1266	12.3/--	--	
MW-4	08/02/06	920	6.76	433	15.6/--	176
		926	6.73	429	15.5/--	72
	01/15/07	958	6.77	402	11.9/--	--
		1002	6.70	394	11.8/--	--
		1007	6.63	391	11.7/--	--
	04/25/07	1337	7.38	620	12.8/--	--

EXPLANATIONS:

pH = Potential Hydrogen Ions
(μ mhos/cm) = Micromhos per cubic centimeter
($^{\circ}$ C/ $^{\circ}$ F $^{\circ}$) = Degrees Celsius/ Fahrenheit
(NTU) = Nephelometric Turbidity Unit
-- = Not Measured

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 #305192 Job Number: 387100
 Site Address: 9816 271st Street Nw Event Date: 4-25-07 (inclusive)
 City: Stanwood, WA Sampler: BWN

Well ID: MW - 1 Date Monitored: 4-25 Well Condition: OK
 Well Diameter: 1.5 in.
 Total Depth: 14.08 ft.
 Depth to Water: 1.58 ft.
12.5 xVF .04 = .5 x3 (case volume) = Estimated Purge Volume: 1.5 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: Peristaltic

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: Peristaltic

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): 1246 Weather Conditions: Rain
 Sample Time/Date: 1313 / 4-25 Water Color: clear Odor: no
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ 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>1259</u>	<u>1.5</u>	<u>6.39</u>	<u>752</u>	<u>13.2</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW - 1	3 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX/MTBE(8021)
	2 x ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #305192 Job Number: 387100
 Site Address: 9816 271st Street Nw Event Date: 4-25-07 (inclusive)
 City: Stanwood, WA Sampler: BWN

Well ID: MW - 2 Date Monitored: 4-25 Well Condition: ok
 Well Diameter: 1.5 in.
 Total Depth: 14.21 ft.
 Depth to Water: 2.16 ft.
 Volume Factor (VF) table:

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

 Estimated Purge Volume: 1.5 gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: Peristaltic

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: Peristaltic

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): 1145 Weather Conditions: Rain
 Sample Time/Date: 1203 4-25 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>1158</u>	<u>1.5</u>	<u>6.60</u>	<u>856</u>	<u>12.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW - 2</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>NWTPH-Gx/BTEX/MTBE(8021)</u>
<u>↓</u>	<u>2</u> x ambers	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>NWTPH-Dx w/sgc</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #305192 Job Number: 387100
 Site Address: 9816 271st Street Nw Event Date: 4-25-07 (inclusive)
 City: Stanwood, WA Sampler: BWN

Well ID: MW-3 Date Monitored: 4-25 Well Condition: OK

Well Diameter: 2 in.
 Total Depth: 13.65 ft.
 Depth to Water: 0.84 ft.
12.81 xVF .04 = .5 x3 (case volume) = Estimated Purge Volume: 1.5 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: peristaltic

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: peristaltic

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): 1214 Weather Conditions: Rain
 Sample Time/Date: 1235 / 4-25 Water Color: lt. orange 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>1227</u>	<u>1.5</u>	<u>6.52</u>	<u>1266</u>	<u>12.3</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	3 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX/MTBE(8021)
	2 x ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #305192 Job Number: 387100
 Site Address: 9816 271st Street Nw Event Date: 4-25-07 (inclusive)
 City: Stanwood, WA Sampler: BWN

Well ID: MW-4 Date Monitored: 4-25 Well Condition: OK
 Well Diameter: 1.5 in.
 Total Depth: 13.83 ft.
 Depth to Water: 4.35 ft.
 Volume Factor (VF) table:

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

 xVF = 0.4 = 4 x3 (case volume) = Estimated Purge Volume: 1.2 gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: Peristaltic

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: Peristaltic

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): 1328 Weather Conditions: Rain
 Sample Time/Date: 1344 4-25 Water Color: Clear Odor: no
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ 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>1337</u>	<u>1.2</u>	<u>7.38</u>	<u>670</u>	<u>12.8</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>3</u> x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX/MTBE(8021)
	<u>2</u> x ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



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 Road
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 1035806. Samples arrived at the laboratory on Saturday, April 28, 2007. The PO# for this group is 0015014990 and the release number is HUNTER.

Client Description

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

Lancaster Labs Number

5040718
5040719
5040720
5040721
5040722

ELECTRONIC SAIC c/o Gettler-Ryan
COPY TO

Attn: Cheryl Hansen



Analysis Report

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

Respectfully Submitted,

Melissa A. McDermott

Melissa A. McDermott
Senior Chemist



Analysis Report

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Lancaster Laboratories Sample No. WW 5040718

QA Water Sample
 Facility# 305192 Job# 387100
 9816 271st Street NW - Stanwood, WA
 Collected: 04/25/2007

Account Number: 11260

Submitted: 04/28/2007 10:00
 Reported: 05/11/2007 at 11:55
 Discard: 06/11/2007

Chevron
 6001 Bollinger Canyon Road
 L4310
 San Ramon CA 94583

STNQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02159	BTEX, MTBE					
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
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	N.D.	50.	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
02159	BTEX, MTBE	SW-846 8021B	1	05/07/2007 08:17	Linda C Pape	1
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	05/07/2007 08:17	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/07/2007 08:17	Linda C Pape	1



Analysis Report

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Lancaster Laboratories Sample No. **WW 5040719**

MW-1 Grab Water Sample
 Facility# 305192 Job# 387100
 9816 271st Street NW - Stanwood, WA
 Collected: 04/25/2007 13:13 by BN

Account Number: 11260

Submitted: 04/28/2007 10:00
 Reported: 05/11/2007 at 11:55
 Discard: 06/11/2007

Chevron
 6001 Bollinger Canyon Road
 L4310
 San Ramon CA 94583

STN01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02159	BTEX, MTBE					
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
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	190.	80.	ug/l	1
02096	Heavy Range Organics	n.a.	130.	100.	ug/l	1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	N.D.	50.	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
02159	BTEX, MTBE	SW-846 8021B	1	05/07/2007 21:38	Linda C Pape	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	05/07/2007 20:49	Matthew E Barton	1
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	05/09/2007 10:24	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/07/2007 21:38	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	2	05/07/2007 21:38	Linda C Pape	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	05/03/2007 09:30	Debora L Barsis	1



Analysis Report

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Lancaster Laboratories Sample No. **WW 5040720**

MW-2 Grab Water Sample
 Facility# 305192 Job# 387100
 9816 271st Street NW - Stanwood, WA
 Collected: 04/25/2007 12:03 by BN

Account Number: 11260

Submitted: 04/28/2007 10:00
 Reported: 05/11/2007 at 11:55
 Discard: 06/11/2007

Chevron
 6001 Bollinger Canyon Road
 L4310
 San Ramon CA 94583

STN02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02159	BTEX, MTBE					
02161	Benzene	71-43-2	13.	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
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	830.	78.	ug/l	1
02096	Heavy Range Organics	n.a.	480.	98.	ug/l	1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	250.	50.	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
02159	BTEX, MTBE	SW-846 8021B	1	05/07/2007 22:21	Linda C Pape	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	05/07/2007 21:09	Matthew E Barton	1
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	05/07/2007 22:21	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/07/2007 22:21	Linda C Pape	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	05/03/2007 09:30	Debora L Barsis	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5040721

MW-3 Grab Water Sample
 Facility# 305192 Job# 387100
 9816 271st Street NW - Stanwood, WA
 Collected: 04/25/2007 12:35 by BN

Account Number: 11260

Submitted: 04/28/2007 10:00
 Reported: 05/11/2007 at 11:55
 Discard: 06/11/2007

Chevron
 6001 Bollinger Canyon Road
 L4310
 San Ramon CA 94583

STN03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02159	BTEX, MTBE					
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
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	260.	81.	ug/l	1
02096	Heavy Range Organics	n.a.	110.	100.	ug/l	1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	N.D.	50.	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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
02159	BTEX, MTBE	SW-846 8021B	1	05/07/2007 23:05	Linda C Pape	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	05/07/2007 18:52	Matthew E Barton	1
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	05/07/2007 23:05	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/07/2007 23:05	Linda C Pape	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	05/03/2007 09:30	Debora L Barsis	1

Lancaster Laboratories Sample No. **WW 5040722**

 MW-4 Grab Water Sample
 Facility# 305192 Job# 387100
 9816 271st Street NW - Stanwood, WA
 Collected: 04/25/2007 13:44 by BN

Account Number: 11260

 Submitted: 04/28/2007 10:00
 Reported: 05/11/2007 at 11:55
 Discard: 06/11/2007

 Chevron
 6001 Bollinger Canyon Road
 L4310
 San Ramon CA 94583

STN04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02159	BTEX, MTBE					
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
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
02211	TPH by NWTPH-Dx(water). w/SiGel					
02095	Diesel Range Organics	n.a.	9,300.	400.	ug/l	1
02096	Heavy Range Organics	n.a.	2,000.	500.	ug/l	1
Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	89.	50.	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
02159	BTEX, MTBE	SW-846 8021B	1	05/07/2007 23:48	Linda C Pape	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	05/07/2007 18:13	Matthew E Barton	1
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	05/07/2007 23:48	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/07/2007 23:48	Linda C Pape	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	05/03/2007 09:30	Debra L Barsis	1

Quality Control Summary

 Client Name: Chevron
 Reported: 05/11/07 at 11:55 AM

Group Number: 1035806

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: 071220024A	Sample number(s): 5040719-5040722								
Diesel Range Organics	N.D.	80.	ug/l	79		61-106			
Heavy Range Organics	N.D.	100.	ug/l						
Batch number: 07126A53A	Sample number(s): 5040718-5040722								
TPH by NWTPH-Gx waters	N.D.	50.	ug/l	102	104	75-135	1	30	
Benzene	N.D.	0.5	ug/l	97	101	86-119	3	30	
Toluene	N.D.	0.5	ug/l	98	98	82-119	0	30	
Ethylbenzene	N.D.	0.5	ug/l	101	101	81-119	0	30	
Total Xylenes	N.D.	1.5	ug/l	103	103	82-120	0	30	
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	99	107	82-124	8	30	
Batch number: 07128A53A	Sample number(s): 5040719								
TPH by NWTPH-Gx waters	N.D.	50.	ug/l	107	103	75-135	4	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: 071220024A	Sample number(s): 5040719-5040722						BKG: P040699			
Diesel Range Organics						2,200.	2,100.	5 (1)	20	
Heavy Range Organics						N.D.	N.D.	0 (1)	20	
Batch number: 07126A53A	Sample number(s): 5040718-5040722						UNSPK: P040713, P040714			
TPH by NWTPH-Gx waters	109		63-154							
Benzene	108		78-131							
Toluene	107		78-129							
Ethylbenzene	110		75-133							
Total Xylenes	111		84-131							
Methyl tert-Butyl Ether	107		70-134							
Batch number: 07128A53A	Sample number(s): 5040719						UNSPK: P043344			
TPH by NWTPH-Gx waters	92		63-154							

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.

*- 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: 05/11/07 at 11:55 AM

Group Number: 1035806

Surrogate Quality Control

Analysis Name: TPH by NWTPH-Dx(water) w/SiGel
Batch number: 071220024A
Orthoterphenyl

5040719	105
5040720	113
5040721	113
5040722	112
Blank	103
DUP	104
LCS	113

Limits: 50-150

Analysis Name: BTEX, MTBE
Batch number: 07126A53A

	Trifluorotoluene-P	Trifluorotoluene-F
5040718	90	91
5040719	89	
5040720	90	88
5040721	89	88
5040722	88	90
Blank	91	90
LCS	91	81
LCSD	92	81
MS	91	82

Limits: 69-129

63-135

Analysis Name: TPH by NWTPH-Gx waters
Batch number: 07128A53A

	Trifluorotoluene-P	Trifluorotoluene-F
5040719		90
Blank	88	91
LCS	88	81
LCSD	90	82
MS	87	84

Limits: 69-129

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.

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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