GETTLER-RYAN INC.

August 27, 2004
Job #386755

Ms. Karen Streich
ChevronTexaco Company
P.O. Box 6012, Room K2256
San Ramon, CA 94583

RE: Event of August 4, 2004
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0126
12607 NE 85th Street
Kirkland, Washington

Dear Ms. Streich:

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 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. 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.

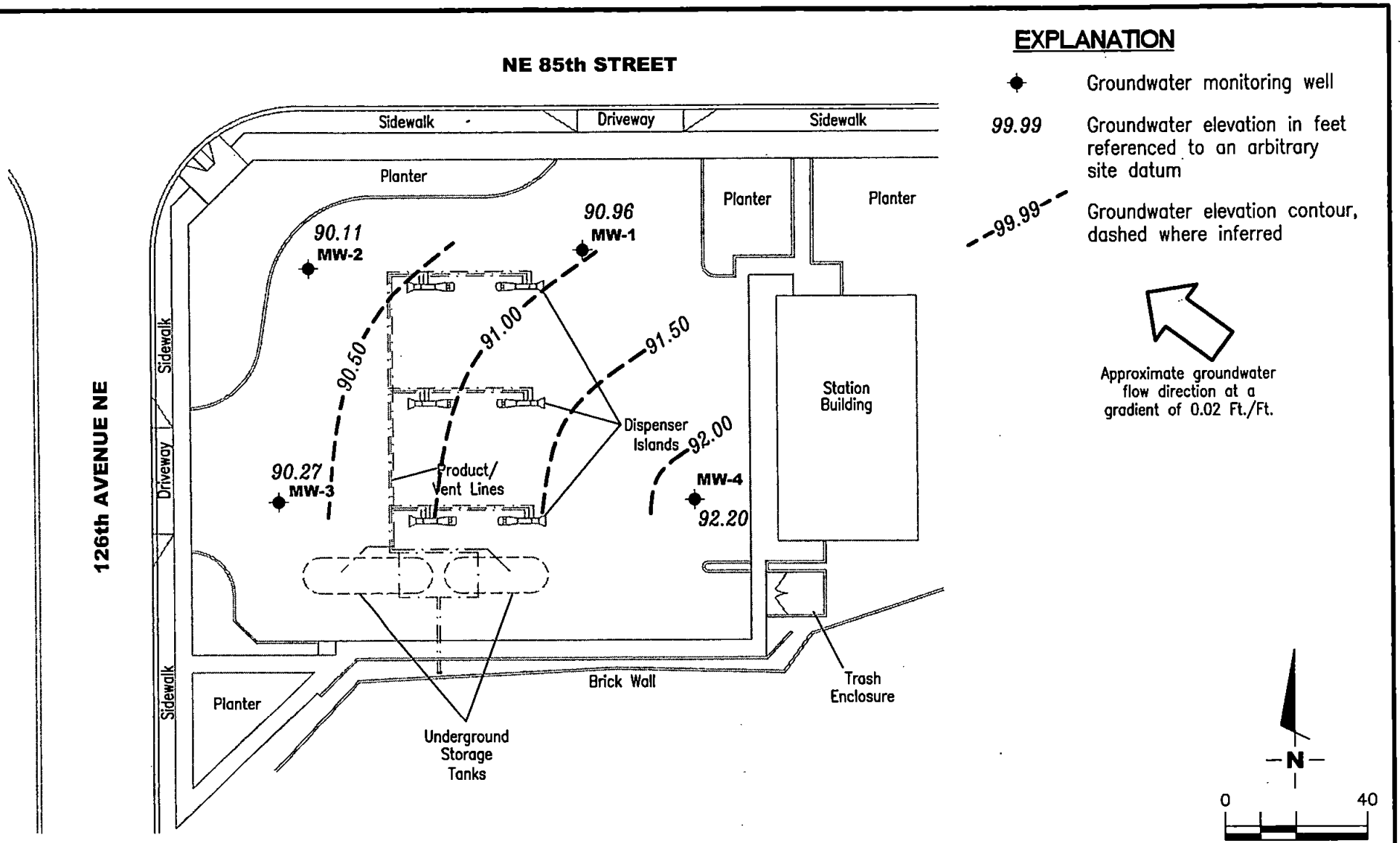
Sincerely,

Dromarie Nercau

FOR –
Deanna L. Harding
Project Coordinator

Hagop Kevork
Professional Engineer

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



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

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

POTENTIOMETRIC MAP
Chevron Service Station #9-0126
12607 NE 85th Street
Kirkland, Washington

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386755		August 4, 2004	

FILE NAME: P:\Enviro\Chevron\9-0126\Q04-9-0126.DWG | Layout Tab: Pot3

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0126

12607 NE 85th Street

Kirkland, 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 (ppm)
MW-1													
04/20/01		98.85	6.40	92.45	--	--	--	--	--	--	--	--	--
06/26/01		98.85	7.19	91.66	559[1]	<750[1]	40,800	5,560	759	2,180	8,310	284/<5.00[2]	0.00405[3]
09/10/01		98.85	7.41	91.44	573[1,5]	<500[1]	28,800	4,240	334	1,820	5,410	<100/<5.00[6]	--
12/04/01		98.85	6.06	92.79	417[1,5]	<500[1]	26,100	3,120	514	1,480	5,670	59.6/<5.00[6]	--
03/07/02	NP	98.85	6.75	92.10	1,500[1]	<750[1]	39,000	2,500	880	1,500	5,100	<20	--
03/03/03	NP	98.85	6.68	92.17	580[1]	<250[1]	16,000	1,800	380	1,100	2,900	<10	--
03/13/04	NP	98.85	7.39	91.46	840[1]	<200[1]	27,000	3,100	710	1,700	4,400	140/<3[2]	--
08/04/04	**NP**	**98.85**	**7.89**	**90.96**	**700[1]**	**350[1]**	**11,000**	**2,300**	**63**	**1,300**	**1,400**	**<25**	--
MW-2													
04/20/01		97.68	8.80	88.88	--	--	--	--	--	--	--	--	--
06/26/01		97.68	7.54	90.14	<250[1]	<750[1]	<50.0	0.765	<0.500	1.04	3.74	1.19/<5.00[2]	<0.00100[3]
09/10/01		97.68	7.64	90.04	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	2.69/<5.00[6]	--
12/04/01		97.68	7.52	90.16	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	2.08	--
03/07/02	NP	97.68	7.42	90.26	<250[1]	<750[1]	<50	6.4	<0.50	<0.50	<1.5	<2.5	--
03/03/03	NP	97.68	7.50	90.18	<250[1]	<250[1]	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/13/04	NP	97.68	7.44	90.24	<77[1]	<96[1]	<50	<0.2	<0.2	<0.2	<0.6	0.8/<0.5[2]	--
08/04/04	**NP**	**97.68**	**7.57**	**90.11**	**<78[1]**	**<98[1]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	--
MW-3													
04/20/01		99.03	DRY	--	--	--	--	--	--	--	--	--	--
06/26/01[4]		99.03	8.52	90.51	<250[1]	<750[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00/<5.00[2]	<0.00100[3]
09/10/01		99.03	8.66	90.37	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00	--
12/04/01		99.03	8.71	90.32	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00	--
03/07/02	NP	99.03	8.56	90.47	<250[1]	<750[1]	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/03/03	NP	99.03	8.83	90.20	<250[1]	<250[1]	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/13/04	NP	99.03	8.65	90.38	<77[1]	<96[1]	<50	<0.2	<0.2	<0.2	<0.6	<0.3	--
08/04/04	**NP**	**99.03**	**8.76**	**90.27**	**<79[1]**	**<99[1]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0126
12607 NE 85th Street
Kirkland, 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 (ppm)
MW-4													
04/20/01		100.00	6.30	93.70	--	--	--	--	--	--	--	--	--
06/26/01		100.00	6.14	93.86	<250[1]	<750[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00/<5.00[2]	<0.00100[3]
09/10/01		100.00	6.68	93.32	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00	--
12/04/01		100.00	5.71	94.29	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00	--
03/07/02	NP	100.00	5.82	94.18	<250[1]	<750[1]	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/03/03	NP	100.00	6.15	93.85	<250[1]	<250[1]	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/13/04	NP	100.00	6.05	93.95	<75[1]	<94[1]	<50	<0.2	<0.2	<0.2	<0.6	<0.3	--
08/04/04	**NP**	**100.00**	**7.80**	**92.20**	**<78[1]**	**<98[1]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.5**	**<2.5**	--
TRIP BLANK													
06/26/01		--	--	--	--	--	<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	--
12/04/01		--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00	--
03/07/02		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/03/03		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
QA													
03/13/04		--	--	--	--	--	<50	<0.2	<0.2	<0.2	<0.6	<0.3	--
08/04/04		--	--	--	--	--	**<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**	**50**	**0.5**	**0.5**	**0.5**	**1.5**	**2.5**	**0.00100**
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 8021**						**EPA 6020**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0126
12607 NE 85th Street
Kirkland, Washington

EXPLANATIONS:

Groundwater monitoring data prior to June 26, 2001 was provided by Delta Environmental Consultants, Inc..

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

(ppm) = Parts per million
-- = Not Measured/Not Analyzed
NP = No purge
MTCA = Model Toxics Control Act Cleanup Regulations [WAC 173-340-720(2)(a)(I), as amended 02/01].

* TOC elevations have been surveyed in feet relative to an arbitrary datum.

1 TPH-D and TPH-O with silica gel cleanup.
2 MTBE by EPA Method 8260.
3 Laboratory report indicates the sample was laboratory filtered and not in the field as required by the methodology.
4 Well re-development performed.
5 Laboratory report indicates results in the diesel organics range are primarily due to overlap from a gasoline range product.
6 MTBE by EPA Method 8260 was completed outside of the recommended hold time.

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 #: ChevronTexaco #9-0126 Job Number: 386755 A

Site Address: 12607 Ne 8Th Street Event Date: 8/18/04 (inclusive)

City: Kirkland, WA Sampler: Ben Newton

Well ID MW - 1 Date Monitored: 8-18-04 Well Condition: See comments

Well Diameter 2 in.

Total Depth 16.78 ft.

Depth to Water 7.89 ft.

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

xVF _____ = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

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

Sampling Equipment:
- Disposable Bailer J
- Pressure Bailer
- Discrete Bailer
- Other: _____

Time Started: _____ (2400 hrs)
Time Bailed: _____ (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
Product Transferred to: _____

Start Time (purge): 930 Weather Conditions: cloudy

Sample Time/Date: 945 8-18-04 Water Color: gray Odor: Yes

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)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW - 1	4 x voa vial	YES	HCL	LANCASTER	TPH-G/BTEX/MTBE
MW - 1	2 x amber	YES	HCL	LANCASTER	TPH-Dx w/sg

COMMENTS: Casing surrounding well has buckled / expanded cover is now loose and cement cracked. Notified Denise

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0126 Job Number: 386755 4
Site Address: 12607 Ne 8Th Street Event Date: 8/6/04 (inclusive)
City: Kirkland, WA Sampler: Ben Newton

Well ID MW - 2 Date Monitored: 4-8-04 Well Condition: OK
Well Diameter 2 in.
Total Depth 15.59 ft.
Depth to Water 7.57 ft.

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

xVF _____ = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

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 Bailed: _____ (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
Product Transferred to: _____

Start Time (purge): 900 Weather Conditions: cloudy
Sample Time/Date: 915 / 8-4-04 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)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW - 2	6 x voa vial	YES	HCL	LANCASTER	TPH-G/BTEX/MTBE
MW - 2	2 x amber	YES	HCL	LANCASTER	TPH-Dx w/sg

COMMENTS: NP

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0126 Job Number: 386755.4
Site Address: 12607 Ne 8Th Street Event Date: 8/8/04 (inclusive)
City: Kirkland, WA Sampler: Ben Newton

Well ID MW - 3 Date Monitored: 8.4.04 Well Condition: ok
Well Diameter 2 in.
Total Depth 13.99 ft.
Depth to Water 8.76 ft.
5.23 xVF .17 = .88 x3 (case volume) = Estimated Purge Volume: 2.5 gal.

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

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 Bailed: (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
Product Transferred to:

Start Time (purge): 830 Weather Conditions: cloudy
Sample Time/Date: 845 / 8.4.04 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)
	1					
	2.5					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW - 3	6 x voa vial	YES	HCL	LANCASTER	TPH-G/BTEX/MTBE
MW - 3	2 x amber	YES	HCL	LANCASTER	TPH-Dx w/sg

COMMENTS: NF

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0126 Job Number: 386755
Site Address: 12607 Ne 8Th Street Event Date: 8/4/04 (inclusive)
City: Kirkland, WA Sampler: Ben Newton

Well ID MW-4 Date Monitored: 8-4-04 Well Condition: ok
Well Diameter 2 in.
Total Depth 15.01 ft.
Depth to Water 7.80 ft.

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

xVF _____ = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

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 Bailed: _____ (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
Product Transferred to: _____

Start Time (purge): 800 Weather Conditions: cloudy
Sample Time/Date: 815 8-4-04 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)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	TPH-G/BTEX/MTBE
MW-4	2 x amber	YES	HCL	LANCASTER	TPH-Dx w/sg

COMMENTS: NO PURGE

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

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 10906 Sample #: 430085-89 SCR#: 906834

Secor MTI Project #: 90126.01

Facility #: SS#9-0126 G-R#386755
Site Address: 12607 NE 8th Avenue, KIRKLAND, WA
Chevron PM: MTI Lead Consultant: SECORJJ
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: Ben Newton
Service Order #: ☐ Non SAR:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8021	8260 ☐ Naphth	8260 full scan	Oxygenates	TPH G	TPH D	Extended Rng. Silica Gel Cleanup	Lead Total	Diss.	Method	VPH/EPH	NWTPH-H HCID	quantification
QA	8-5-09	—	X			X			2	X				X								
MW-1	↓	945	X			X			8	X				X	X							
MW-2		915	X			X			8	X				X	X							
MW-3		845	X			X			8	X				X	X							
MW-4		816	X			X			8	X				X	X							

Analyses Requested

Preservation Codes

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

☐ J value reporting needed
☒ Must meet lowest detection limits possible for 8260 compounds
8021 MTBE Confirmation
☐ Confirm 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

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

Data Package Options (please circle if required)
QC Summary | Type I - Full
Type VI (Raw Data) | Disk / EDD
WIP (RWQCB) | Standard Format
Disk | Other.

EDF/EDD

Relinquished by:	Date	Time	Received by:	Date	Time
Ben Newton	8-5-09	1200			
Relinquished by Commercial Carrier: UPS FedEx Other			Received by: Kathy Bradley	8-6-09	0910

Temperature Upon Receipt: 2.2°, 3.5°, 3.5°, 3.5° Custody Seals Intact? Yes No

Lancaster Laboratories

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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco c/o SECOR
2301 Leghorn Street
Mountainview CA 94043

650-691-0131

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 906834. Samples arrived at the laboratory on Friday, August 06, 2004. The PO# for this group is 99011184 and the release number is MTI.

Client Description	Lancaster Labs Number
QA Water Sample	4326085
MW-1 Grab Water Sample	4326086
MW-2 Grab Water Sample	4326087
MW-3 Grab Water Sample	4326088
MW-4 Grab Water Sample	4326089

1 COPY TO	Secor Inter. C/O Gettler-Ryan	Attn: Deanna L. Harding
ELECTRONIC COPY TO	Gettler-Ryan	Attn: Michael Sharaeff
ELECTRONIC COPY TO	SECOR International	Attn: Madeline Montilla

Lancaster Laboratories

Analysis Report

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Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300.

Respectfully Submitted,

Victoria M. Martell
Chemist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4326085

QA Water Sample
Facility# 90126 Job# 386755 MTI# 90126.01
12607 NE 8th Avenue - Kirkland, WA
Collected:08/04/2004

Account Number: 10906

Submitted: 08/06/2004 09:10
Reported: 08/23/2004 at 09:40
Discard: 09/23/2004

ChevronTexaco c/o SECOR
2301 Leghorn Street
Mountainview CA 94043

KIRTB

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis Trial#	Analysis Date and Time	Analyst	Dilution Factor
02159	BTEX, MTBE	SW-846 8021B	1	08/12/2004 17:14	Linda C Pape	1
08274	TPH by NWTPH-Gx waters	NWTPH-Gx - 8015B Mod.	1	08/12/2004 17:14	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/12/2004 17:14	Linda C Pape	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4326086

MW-1 Grab Water Sample
Facility# 90126 Job# 386755 MTI# 90126.01
12607 NE 8th Avenue - Kirkland, WA
Collected:08/04/2004 09:45 by BN

Account Number: 10906

Submitted: 08/06/2004 09:10
Reported: 08/23/2004 at 09:40
Discard: 09/23/2004

ChevronTexaco c/o SECOR
2301 Leghorn Street
Mountainview CA 94043

KRIK1

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	2,300.	5.0	ug/l	10
02164	Toluene	108-88-3	63.	5.0	ug/l	10
02166	Ethylbenzene	100-41-4	1,300.	5.0	ug/l	10
02171	Total Xylenes	1330-20-7	1,400.	15.	ug/l	10
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	25.	ug/l	10
	The reporting limits were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.					
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	700.	78.	ug/l	1
02096	Heavy Range Organics	n.a.	350.	98.	ug/l	1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	11,000.	500.	ug/l	10

State of Washington Lab Certification No. C259

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02159	BTEX, MTBE	SW-846 8021B	1	08/13/2004 04:48	Linda C Pape	10
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97-602(modified)	1	08/10/2004 01:52	Robert T Vincent	1
08274	TPH by NWTPH-Gx waters	NWTPH-Gx - 8015B Mod.	1	08/13/2004 04:48	Linda C Pape	10
01146	GC VOA Water Prep	SW-846 5030B	1	08/13/2004 04:48	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	1	08/09/2004 02:00	Eryn E Landis	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4326087

MW-2 Grab Water Sample
Facility# 90126 Job# 386755 MTI# 90126.01
12607 NE 8th Avenue - Kirkland, WA
Collected:08/04/2004 09:15 by BN

Account Number: 10906

Submitted: 08/06/2004 09:10
Reported: 08/23/2004 at 09:40
Discard: 09/23/2004

ChevronTexaco c/o SECOR
2301 Leghorn Street
Mountainview CA 94043

KRIK2

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.	N.D.	78.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	98.	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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02159	BTEX, MTBE	SW-846 8021B	1	08/12/2004 18:20	Linda C Pape	1
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97-602(modified)	1	08/10/2004 02:19	Robert T Vincent	1
08274	TPH by NWTPH-Gx waters	NWTPH-Gx - 8015B Mod.	1	08/12/2004 18:20	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/12/2004 18:20	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	1	08/09/2004 02:00	Eryn E Landis	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4326088

MW-3 Grab Water Sample
Facility# 90126 Job# 386755 MTI# 90126.01
12607 NE 8th Avenue - Kirkland, WA
Collected:08/04/2004 08:45 by BN

Account Number: 10906

Submitted: 08/06/2004 09:10
Reported: 08/23/2004 at 09:40
Discard: 09/23/2004

ChevronTexaco c/o SECOR
2301 Leghorn Street
Mountainview CA 94043

KRIK3

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.	N.D.	79.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	99.	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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02159	BTEX, MTBE	SW-846 8021B	1	08/12/2004 18:53	Linda C Pape	1
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97-602(modified)	1	08/10/2004 03:14	Robert T Vincent	1
08274	TPH by NWTPH-Gx waters	NWTPH-Gx - 8015B Mod.	1	08/12/2004 18:53	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/12/2004 18:53	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	1	08/09/2004 02:00	Eryn E Landis	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4326089

MW-4 Grab Water Sample
Facility# 90126 Job# 386755 MTI# 90126.01
12607 NE 8th Avenue - Kirkland, WA
Collected: 08/04/2004 08:15 by BN

Account Number: 10906

Submitted: 08/06/2004 09:10
Reported: 08/23/2004 at 09:40
Discard: 09/23/2004

ChevronTexaco c/o SECOR
2301 Leghorn Street
Mountainview CA 94043

KRIK4

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.	N.D.	78.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	98.	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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02159	BTEX, MTBE	SW-846 8021B	1	08/13/2004 07:36	Linda C Pape	1
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97-602(modified)	1	08/10/2004 03:42	Robert T Vincent	1
08274	TPH by NWTPH-Gx waters	NWTPH-Gx - 8015B Mod.	1	08/13/2004 07:36	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/13/2004 07:36	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	1	08/09/2004 02:00	Eryn E Landis	1

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco c/o SECOR
Reported: 08/23/04 at 09:40 AM

Group Number: 906834

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: 042200005A	Sample number(s): 4326086-4326089							
Diesel Range Organics	N.D.	0.080	mg/l	80	81	51-113	2	20
Heavy Range Organics	N.D.	0.10	mg/l					
Batch number: 04225A56A	Sample number(s): 4326085,4326087-4326088							
TPH by NWTPH-Gx waters	N.D.	0.048	mg/l	80	82	70-130	3	30
Benzene	N.D.	0.5	ug/l	108	106	79-123	1	30
Toluene	N.D.	0.5	ug/l	110	110	82-119	1	30
Ethylbenzene	N.D.	0.5	ug/l	110	109	81-119	1	30
Total Xylenes	N.D.	1.5	ug/l	111	110	82-120	1	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	106	105	75-125	1	30
Batch number: 04225A56B	Sample number(s): 4326086,4326089							
TPH by NWTPH-Gx waters	N.D.	0.048	mg/l	80	82	70-130	3	30
Benzene	N.D.	0.5	ug/l	108	106	79-123	1	30
Toluene	N.D.	0.5	ug/l	110	110	82-119	1	30
Ethylbenzene	N.D.	0.5	ug/l	110	109	81-119	1	30
Total Xylenes	N.D.	1.5	ug/l	111	110	82-120	1	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	106	105	75-125	1	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 04225A56A	Sample number(s): 4326085,4326087-4326088								
TPH by NWTPH-Gx waters	87		63-154						
Benzene	118		67-136						
Toluene	125		78-129						
Ethylbenzene	123		75-133						
Total Xylenes	123		86-132						
Methyl tert-Butyl Ether	118		59-148						
Batch number: 04225A56B	Sample number(s): 4326086,4326089								
TPH by NWTPH-Gx waters	87		63-154						
Benzene	118		67-136						
Toluene	125		78-129						
Ethylbenzene	123		75-133						
Total Xylenes	123		86-132						
Methyl tert-Butyl Ether	118		59-148						

*- 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: ChevronTexaco c/o SECOR
Group Number: 906834
Reported: 08/23/04 at 09:40 AM

Surrogate Quality Control

Analysis Name: TPH by NWTPH-Dx(water) w/SiGel
Batch number: 042200005A

	Orthoterphenyl
4326086	91
4326087	87
4326088	86
4326089	85
Blank	86
LCS	95
LCSD	98
Limits:	50-150

Analysis Name: BTEX, MTBE
Batch number: 04225A56A

	Trifluorotoluene-P	Trifluorotoluene-F
4326085	111	90
4326087	111	89
4326088	112	88
Blank	111	89
LCS	114	91
LCSD	111	89
MS	109	88
Limits:	66-136	57-146

Analysis Name: BTEX, MTBE
Batch number: 04225A56B

	Trifluorotoluene-P	Trifluorotoluene-F
4326086	112	91
4326089	109	90
Blank	110	88
LCS	114	91
LCSD	111	89
MS	109	88
Limits:	66-136	57-146

*- 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.

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2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

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

ppb parts per billion

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

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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

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Release # 353338
Chevron 9-0126
Kirkland
UST # 5044

GETTLER-RYAN INC.
TRANSMITTAL

August 30, 2004
G-R #386755

RECEIVED
SEP 27 2004
DEPT OF ECOLOGY

TO: Ms. Jessica Jenkins
Secor International, Inc.
7730 SW Mohawk Street
Tualatin, Oregon 97062

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

RE: Chevron Service Station
#9-0126
12607 NE 85th Street
Kirkland, Washington
MTI: 90126.01

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	August 27, 2004	Groundwater Monitoring and Sampling Report **Event of August 4, 2004**

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***September 22, 2004***, at which time the final report will be distributed to the following:

cc: WDOE, Northwest Regional Office, 3190 160th Ave., SE, Bellevue, WA 98008
Ms. Madelaine Montilla, Secor International Inc, 2301 Leghorn Street, Mountain View CA, 94043

☐ Current Site Check List included.

Enclosure

ENTERED 9/16/04

trans/9-0126-ks