



GETTLER-RYAN INC.

January 31, 2006
Job #386794

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

RE: Event of December 31, 2005
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-8795
16010 Redmond Way
Redmond, 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).

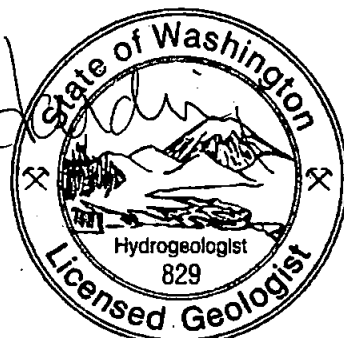
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in the wells. Static water level data and groundwater elevations are presented in Table 1. A Potentiometric Map is included as Figure 1.

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,

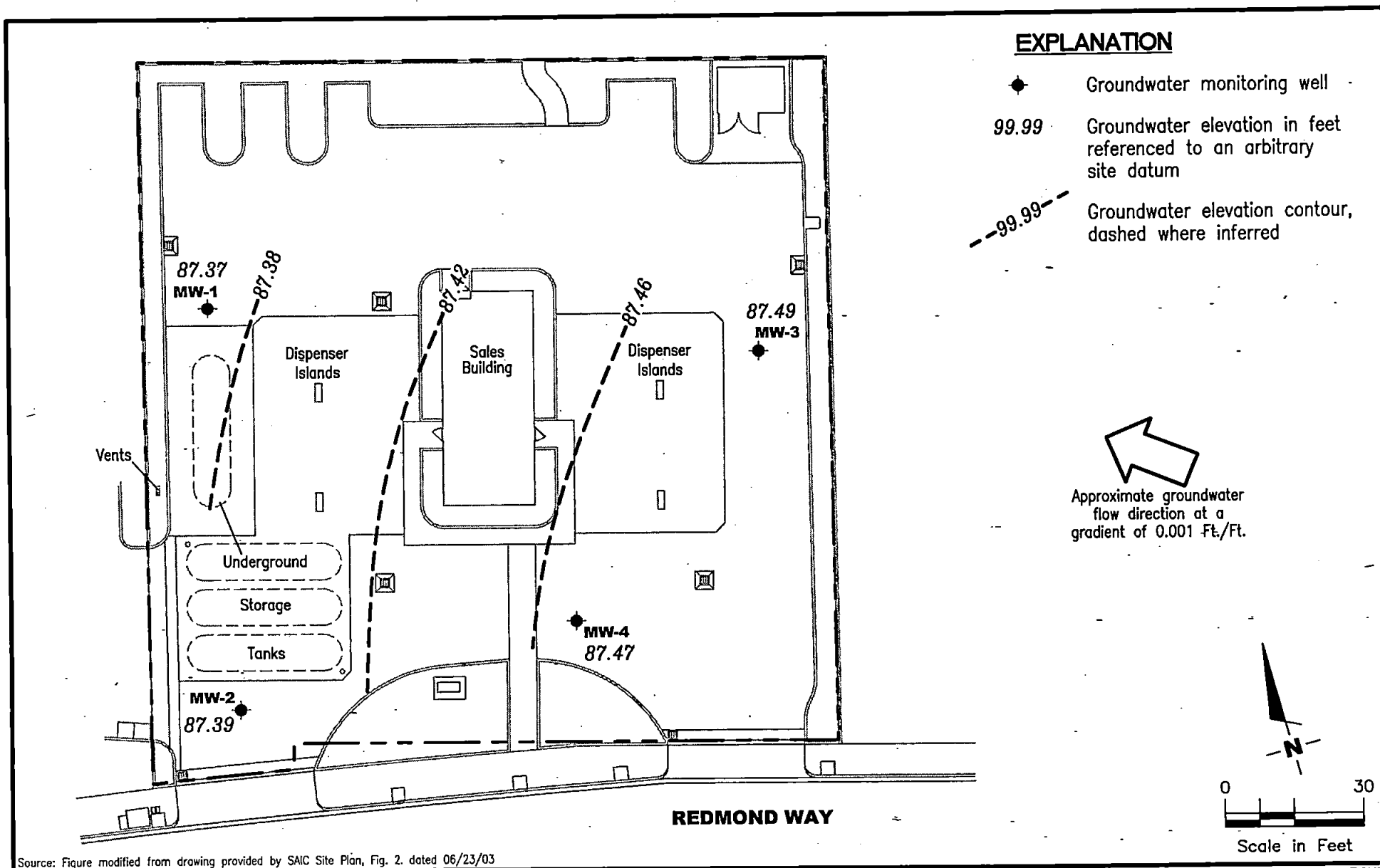
Deanna L. Harding
Project Coordinator



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
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 Report



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

POTENTIOMETRIC MAP
 Chevron Service Station #9-8795
 16010 Redmond Way
 Redmond, Washington

FIGURE

1

PROJECT NUMBER

386794

REVIEWED BY

DATE

December 31, 2005

REVISED DATE

FILE NAME: P:\Enviro\Chevron\9-8795\Q05-9-8795.dwg | Layout Tab: Pot4

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-8795
16010 Redmond Way
Redmond, 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													
08/13/03 ¹	99.39	16.67	82.72	<76 ²	<95 ²	<50	1.3	<0.5	<0.5	<1.5	<2.5	--	--
12/19/03	99.39	12.69	86.70	--	--	--	4.1	<0.5	<0.5	<1.5	--	--	--
03/27/04	99.39	14.19	85.20	<250 ²	440 ²	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
06/14/04	99.39	15.61	83.78	<800 ²	<1,000 ²	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
09/04/04	99.39	14.86	84.53	<250 ²	<250 ²	<50	5.2	<0.5	<0.5	<1.5	<2.5	--	--
11/23/04	99.39	14.88	84.51	<250 ²	<250 ²	<50	4.1	<0.5	<0.5	<1.5	<2.5	--	--
03/05/05	99.39	14.86	84.53	<79 ²	<98 ²	<48	<2.0	<0.5	<0.5	<1.5	<2.5	--	--
07/13/05 ³	99.39	14.84	84.55	<82 ²	<100 ²	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	13.5
09/16/05 ³	99.39	15.93	83.46	<80 ²	<100 ²	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	20.8
12/31/05 ³	99.39	12.02	87.37	<80 ²	<100 ²	<48	<0.5	<0.5	<0.5	<0.5	<0.5	<0.87	<0.87
MW-2													
08/13/03 ¹	98.60	15.88	82.72	<160 ²	<200 ²	<50	0.8	<0.5	<0.5	<1.5	<2.5	--	--
12/19/03	98.60	11.89	86.71	--	--	--	18	2.6	<0.5	7.8	--	--	--
03/27/04	98.60	13.37	85.23	<250 ²	<250 ²	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
06/14/04	98.60	14.82	83.78	<250 ²	<250 ²	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
09/04/04	98.60	15.68	82.92	<250 ²	<250 ²	<50	15	<0.5	<0.5	<1.5	<2.5	--	--
11/23/04	98.60	14.07	84.53	<250 ²	<250 ²	<50	31	1.5	<0.5	<1.5	<2.5	--	--
03/05/05	98.60	14.04	84.56	<79 ²	<99 ²	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
07/13/05 ³	98.60	14.04	84.56	<80 ²	<100 ²	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	6.5
09/16/05 ³	98.60	15.13	83.47	<80 ²	<100 ²	<48	40	<0.5	<0.5	<0.5	<0.5	--	41.2
12/31/05 ³	98.60	11.21	87.39	<80 ²	140 ²	<48	1	<0.5	<0.5	<0.5	<0.5	<0.87	1.5
MW-3													
08/13/03 ¹	99.99	17.15	82.84	<76 ²	<95 ²	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/19/03	99.99	13.06	86.93	--	--	--	--	--	--	--	--	--	--
03/27/04	99.99	14.56	85.43	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
06/14/04	99.99	16.08	83.91	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
09/04/04	99.99	16.15	83.84	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
11/23/04	99.99	15.32	84.67	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-8795
16010 Redmond Way
Redmond, 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 (cont)													
03/05/05	99.99	15.22	84.77	--	--	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
07/13/05 ³	99.99	15.23	84.76	<80 ²	<100 ²	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	-- ⁴
09/16/05 ³	99.99	16.39	83.60	<80 ²	<100 ²	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	46.4
12/31/05 ³	99.99	12.50	87.49	<81 ²	<100 ²	<48	<0.5	<0.5	<0.5	<0.5	<0.5	<0.87	2.9
MW-4													
08/13/03 ¹	99.68	16.88	82.80	<76 ²	<95 ²	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/19/03	99.68	12.79	86.89	--	--	--	--	--	--	--	--	--	--
03/27/04	99.68	14.31	85.37	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
06/14/04	99.68	15.78	83.90	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
09/04/04	99.68	15.86	83.82	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
11/23/04	99.68	15.02	84.66	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
03/05/05	99.68	14.98	84.70	--	--	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
07/13/05 ³	99.68	15.00	84.68	<80 ²	<100 ²	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	14.2
09/16/05 ³	99.68	16.13	83.55	<400 ²	<500 ²	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	23.1
12/31/05 ³	99.68	12.21	87.47	<81 ²	<100 ²	<48	<0.5	<0.5	<0.5	<0.5	<0.5	<0.87	3.5
TRIP BLANK													
QA													
12/19/03	--	--	--	--	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--
03/27/04	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
06/14/04	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
09/04/04	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
11/23/04	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
03/05/05	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-8795
16010 Redmond Way
Redmond, 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)
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QA (cont)													
07/13/05 ³	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/16/05 ³	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/31/05 ³	--	--	--	--	--	<48	<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:	NWTPH-D + Extended		NWTPH-G and EPA 8021B						EPA 6020	EPA 7421

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-8795
16010 Redmond Way
Redmond, 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

T. LEAD = Total Lead

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

MTCA = Model Toxics Control Act Cleanup Regulations

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

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

¹ Data provided by SAIC.

² TPH-D and TPH-O with silica gel cleanup.

³ BTEX and MTBE by EPA Method 8260B.

⁴ Laboratory report indicates due to a laboratory error, the lead analysis was not performed on this sample.

Table 2
Field Measurements
Chevron Service Station #9-8795
16010 Redmond Way
Redmond, Washington

WELL ID	DATE	DO (mg/L)	ORP (mV)
MW-1	07/13/05	2.9	58
	09/16/05	2.6	57
	12/31/05	2.4	52
MW-2	07/13/05	3.6	72
	09/16/05	3.3	79
	12/31/05	3.2	74
MW-3	07/13/05	3.8	78
	09/16/05	3.7	86
	12/31/05	3.6	83
MW-4	07/13/05	4.0	98
	09/16/05	3.8	102
	12/31/05	3.7	101

EXPLANATIONS:

DO = Dissolved Oxygen

(mg/L) = Milligrams per liter

ORP = Oxidation Reduction Potential

(mV) = Millivolts

Table 3
Groundwater Analytical Results - PAH
Chevron Service Station #9-8795
16010 Redmond Way
Redmond, 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																
07/13/05	<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
MW-2																
07/13/05	<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
MW-3																
07/13/05	<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
MW-4																
07/13/05	<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

EXPLANATIONS:

PAH = Polynuclear Aromatic Compounds
(ppb) = Parts per billion

ANALYTICAL METHOD:

Selected PAH by 8270 SIM

Table 4
Groundwater Analytical Results
Chevron Service Station #9-8795
16010 Redmond Way
Redmond, Washington

WELL ID	DATE	METHANOL (ppb)	ETHANOL (ppb)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	1,2-DCA (ppb)	EDB (ppb)	BOD (ppb)	COD (ppb)
MW-1	07/13/05	<200	<50	<0.5	<0.5	<5	<0.5	<0.5	<2,000	77,100
MW-2	07/13/05	<200	<50	<0.5	<0.5	<5	<0.5	<0.5	<1,500	72,100
MW-3	07/13/05	<200	<50	<0.5	<0.5	<5	<0.5	<0.5	--	--
MW-4	07/13/05	<200	<50	<0.5	<0.5	<5	<0.5	<0.5	--	--

EXPLANATIONS:

ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
TBA = Tertiary butyl alcohol
1,2-DCA = 1,2 Dichloroethane
EDB = 1,2-Dibromoethane
BOD = Biochemical Oxygen Demand
COD = Chemical Oxygen Demand
(ppb) = Parts per billion
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method SW-846 8015B Modified for Methanol and Ethanol
EPA Method 8260 for Oxygenate Compounds
EPA Method 405.1 for BOD
EPA Method 410.4 for COD

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 #9-8795 Job Number: 386794
Site Address: 16010 Redmond Way Event Date: 12-31-05 (inclusive)
City: Redmond, WA Sampler: BWN

Well ID: MW-1 Date Monitored: 12-31-05 Well Condition: OK
Well Diameter: 2 in.
Total Depth: 19.94 ft.
Depth to Water: 12.02 ft.
7.92 xVF 17 = 1.3 x3 (case volume) = Estimated Purge Volume: 4 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 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): 1540 Weather Conditions: cloudy
Sample Time/Date: 1600 / 12-31-05 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 (μ mhos/cm)	Temperature ($^{\circ}$ F)	D.O. (mg/L)	ORP (mV)
<u>1544</u>	<u>1.3</u>	<u>6.73</u>	<u>424</u>	<u>10.7</u>	<u>2.4</u>	<u>52</u>
<u>1548</u>	<u>2.6</u>	<u>6.72</u>	<u>419</u>	<u>10.6</u>		
<u>1552</u>	<u>4</u>	<u>6.68</u>	<u>416</u>	<u>10.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#)	CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>4</u>	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-Gx(8015)/BTEX/MTBE(8260)</u>
<u>MW-1</u>	<u>2</u>	<u>x amber</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-Dx(8015M)</u>
<u>MW-1</u>	<u>1</u>	<u>x poly</u>	<u>YES</u>	<u>HNO3</u>	<u>LANCASTER</u>	<u>TOTAL LEAD(7241)</u>
<u>MW-1</u>	<u>1</u>	<u>x poly</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>DISSOLVED LEAD(7241)</u>

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8795

Job Number: 386794

Site Address: 16010 Redmond Way

Event Date: 12-31-05 (inclusive)

City: Redmond, WA

Sampler: BWN

Well ID: MW-2

Date Monitored: 12-31-05

Well Condition: OK

Well Diameter: 2 in.

Total Depth: 19.96 ft.

Depth to Water: 11.21 ft.

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

8.75 xVF 1.7 = 1.5 x3 (case volume) = Estimated Purge Volume: 4.5 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 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): 1510

Weather Conditions: cloudy

Sample Time/Date: 1530 / 12-31-05

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>1515</u>	<u>1.5</u>	<u>6.70</u>	<u>433</u>	<u>10.7</u>	<u>3.2</u>	<u>74</u>
<u>1520</u>	<u>3</u>	<u>6.68</u>	<u>429</u>	<u>10.6</u>		
<u>1525</u>	<u>4.5</u>	<u>6.64</u>	<u>422</u>	<u>10.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>4</u> x voa vial	YES	HCL	LANCASTER	TPH-Gx(8015)/BTEX/MTBE(8260)
<u>MW-2</u>	<u>2</u> x amber	YES	HCL	LANCASTER	TPH-Dx(8015M)
<u>MW-2</u>	<u>1</u> x poly	YES	HNO3	LANCASTER	TOTAL LEAD(7241)
<u>MW-2</u>	<u>1</u> x poly	YES	NP	LANCASTER	DISSOLVED LEAD(7241)

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8795 Job Number: 386794
Site Address: 16010 Redmond Way Event Date: 12-31-05 (inclusive)
City: Redmond, WA Sampler: BWJ

Well ID: MW-3
Well Diameter: 2 in.
Total Depth: 20.11 ft.
Depth to Water: 12.50 ft.
7.61 xVF 1.17 = 1.3

Date Monitored: 12-31-05

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

x3 (case volume) = Estimated Purge Volume: 4 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 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): 1440 Weather Conditions: cloudy
Sample Time/Date: 1500 / 12-31-05 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>1444</u>	<u>1.3</u>	<u>6.76</u>	<u>480</u>	<u>10.7</u>	<u>3.6</u>	<u>83</u>
<u>1448</u>	<u>2.6</u>	<u>6.73</u>	<u>476</u>	<u>10.6</u>		
<u>1452</u>	<u>4</u>	<u>6.67</u>	<u>468</u>	<u>10.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#)	CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>4</u>	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-Gx(8015)/BTEX/MTBE(8260)</u>
<u>MW-3</u>	<u>2</u>	<u>x amber</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-Dx(8015M)</u>
<u>MW-3</u>	<u>1</u>	<u>x poly</u>	<u>YES</u>	<u>HNO3</u>	<u>LANCASTER</u>	<u>TOTAL LEAD(7241)</u>
<u>MW-3</u>	<u>1</u>	<u>x poly</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>DISSOLVED LEAD(7241)</u>

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8795

Job Number: 386794

Site Address: 16010 Redmond Way

Event Date: 12-31-05 (inclusive)

City: Redmond, WA

Sampler: BWN

Well ID: MW-4
Well Diameter: 2 in.
Total Depth: 20.06 ft.
Depth to Water: 12.21 ft.

Date Monitored: 12-31-05

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

7.85 xVF 1.17 = 1.3 x3 (case volume) = Estimated Purge Volume: 4 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 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): 1410 Weather Conditions: cloudy
Sample Time/Date: 1430 / 12-31-05 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>1414</u>	<u>1.3</u>	<u>6.76</u>	<u>440</u>	<u>10.7</u>	<u>3.7</u>	<u>101</u>
<u>1418</u>	<u>2.6</u>	<u>6.73</u>	<u>441</u>	<u>10.7</u>		
<u>1422</u>	<u>4</u>	<u>6.67</u>	<u>437</u>	<u>10.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>4</u> x vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-Gx(8015)/BTEx/MTBE(8260)</u>
<u>MW-4</u>	<u>2</u> x amber	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-Dx(8015M)</u>
<u>MW-4</u>	<u>1</u> x poly	<u>YES</u>	<u>HNO3</u>	<u>LANCASTER</u>	<u>TOTAL LEAD(7241)</u>
<u>MW-4</u>	<u>1</u> x poly	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>DISSOLVED LEAD(7241)</u>

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:

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

916-630-1855

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 973055. Samples arrived at the laboratory on Wednesday, January 04, 2006. The PO# for this group is 99011184 and the release number is MTI.

Client Description

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

4681353
4681354
4681355
4681356
4681357
4681358
4681359
4681360
4681361

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

ELECTRONIC Gettler-Ryan
COPY TO

Attn: Michael Sharaeff



Analysis Report

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

Respectfully Submitted,

A handwritten signature in cursive script that reads 'Max E. Snively'.

Max E. Snively
Senior Specialist



Analysis Report

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Lancaster Laboratories Sample No. WW 4681353

QA Water Sample
Facility# 98795 Job# 386794 MTI# 61H-2094
16010 Redmond Way - Redmond, WA
Collected: 12/31/2005

Account Number: 10904

Submitted: 01/04/2006 09:20
Reported: 01/20/2006 at 12:07
Discard: 02/20/2006

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

REDQA SDG#: CVS23-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	01/05/2006 18:23	Deborah S Garrison	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	01/09/2006 15:03	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/05/2006 18:23	Deborah S Garrison	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/09/2006 15:03	Ginelle L Feister	n.a.



Analysis Report

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Lancaster Laboratories Sample No. WW 4681354

MW-1 Grab Water Sample
Facility# 98795 Job# 386794 MTI# 61H-2094
16010 Redmond Way - Redmond, WA
Collected: 12/31/2005 16:00 by BN

Account Number: 10904

Submitted: 01/04/2006 09:20
Reported: 01/20/2006 at 12:07
Discard: 02/20/2006

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

REDM1 SDG#: CVS23-02

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.	0.87	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
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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01055	Lead (furnace method)	SW-846 7421	1	01/17/2006 15:50	Jennifer L Moyer	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	01/10/2006 03:03	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	01/05/2006 22:55	Deborah S Garrison	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	01/09/2006 15:27	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/05/2006 22:55	Deborah S Garrison	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/09/2006 15:27	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	01/05/2006 03:20	David V Hershey Jr	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	01/05/2006 21:00	Annamaria Stipkovits	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4681355

MW-1 Filtered Grab Water Sample
Facility# 98795 Job# 386794 MTI# 61H-2094
16010 Redmond Way - Redmond, WA
Collected: 12/31/2005 16:00 by BN

Account Number: 10904

Submitted: 01/04/2006 09:20
Reported: 01/20/2006 at 12:07
Discard: 02/20/2006

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

RED1F SDG#: CVS23-03

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.	0.87	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01055	Lead (furnace method)	SW-846 7421	1	01/17/2006 16:19	Jennifer L Moyer	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	01/05/2006 21:00	Annamaria Stipkovits	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4681356

MW-2 Grab Water Sample
Facility# 98795 Job# 386794 MTI# 61H-2094
16010 Redmond Way - Redmond, WA
Collected: 12/31/2005 15:30 by BN

Account Number: 10904

Submitted: 01/04/2006 09:20
Reported: 01/20/2006 at 12:07
Discard: 02/20/2006

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

RED-2 SDG#: CVS23-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01055	Lead (furnace method)	7439-92-1	1.5	0.87	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.	140.	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	1.	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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01055	Lead (furnace method)	SW-846 7421	1	01/17/2006 16:23	Jennifer L Moyer	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	01/10/2006 05:02	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	01/05/2006 23:25	Deborah S Garrison	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	01/09/2006 15:51	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/05/2006 23:25	Deborah S Garrison	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/09/2006 15:51	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	01/05/2006 03:20	David V Hershey Jr	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	01/05/2006 21:00	Annamaria Stipkovits	1



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Lancaster Laboratories Sample No. WW 4681357

MW-2 Filtered Grab Water Sample
Facility# 98795 Job# 386794 MTI# 61H-2094
16010 Redmond Way - Redmond, WA
Collected: 12/31/2005 15:30 by BN

Account Number: 10904

Submitted: 01/04/2006 09:20
Reported: 01/20/2006 at 12:07
Discard: 02/20/2006

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

RED2F SDG#: CVS23-05

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.	0.87	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01055	Lead (furnace method)	SW-846 7421	1	01/17/2006 16:27	Jennifer L Moyer	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	01/05/2006 21:00	Annamaria Stipkovits	1



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Lancaster Laboratories Sample No. WW 4681358

MW-3 Grab Water Sample
Facility# 98795 Job# 386794 MTI# 61H-2094
16010 Redmond Way - Redmond, WA
Collected: 12/31/2005 15:00 by BN

Account Number: 10904

Submitted: 01/04/2006 09:20
Reported: 01/20/2006 at 12:07
Discard: 02/20/2006

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

REDM3 SDG#: CVS23-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01055	Lead (furnace method)	7439-92-1	2.9	0.87	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	N.D.	81.	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
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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01055	Lead (furnace method)	SW-846 7421	1	01/17/2006 16:30	Jennifer L Moyer	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	01/12/2006 14:03	Sarah M Snyder	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	01/05/2006 23:55	Deborah S Garrison	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	01/09/2006 16:15	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/05/2006 23:55	Deborah S Garrison	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/09/2006 16:15	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	2	01/12/2006 02:15	Sherry L Morrow	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	01/05/2006 21:00	Annamaria Stipkovits	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4681359

MW-3 Filtered Grab Water Sample
Facility# 98795 Job# 386794 MTI# 61H-2094
16010 Redmond Way - Redmond, WA
Collected: 12/31/2005 15:00 by BN

Account Number: 10904

Submitted: 01/04/2006 09:20
Reported: 01/20/2006 at 12:07
Discard: 02/20/2006

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

RED3F SDG#: CVS23-07

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.	0.87	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01055	Lead (furnace method)	SW-846 7421	1	01/17/2006 16:34	Jennifer L Moyer	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	01/05/2006 21:00	Annamaria Stipkovits	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4681360

MW-4 Grab Water Sample
Facility# 98795 Job# 386794 MTI# 61H-2094
16010 Redmond Way - Redmond, WA
Collected: 12/31/2005 14:30 by BN

Account Number: 10904

Submitted: 01/04/2006 09:20
Reported: 01/20/2006 at 12:07
Discard: 02/20/2006

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

RED-4 SDG#: CVS23-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01055	Lead (furnace method)	7439-92-1	3.5	0.87	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	N.D.	81.	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
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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01055	Lead (furnace method)	SW-846 7421	1	01/17/2006 16:37	Jennifer L Moyer	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	01/10/2006 03:51	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	01/06/2006 00:26	Deborah S Garrison	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	01/09/2006 16:39	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/06/2006 00:26	Deborah S Garrison	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/09/2006 16:39	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	01/05/2006 03:20	David V Hershey Jr	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	01/05/2006 21:00	Annamaria Stipkovits	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4681361

MW-4 Filtered Grab Water Sample
Facility# 98795 Job# 386794 MTI# 61H-2094
16010 Redmond Way - Redmond, WA
Collected: 12/31/2005 14:30 by BN

Submitted: 01/04/2006 09:20
Reported: 01/20/2006 at 12:07
Discard: 02/20/2006

Account Number: 10904

ChevronTexaco c/o Cambria
Suite 12
4111 Citrus Avenue
Rocklin CA 95677

RED4F SDG#: CVS23-09*

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.	0.87	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01055	Lead (furnace method)	SW-846 7421	1	01/17/2006 16:41	Jennifer L Moyer	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	01/05/2006 21:00	Annamaria Stipkovits	1

Quality Control Summary

Client Name: ChevronTexaco c/o Cambria
Reported: 01/20/06 at 12:07 PM

Group Number: 973055

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

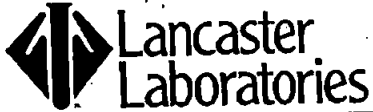
Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 060040016A	Sample number(s): 4681354, 4681356, 4681360							
Diesel Range Organics	N.D.	0.080	mg/l	70	73	51-113	4	20
Heavy Range Organics	N.D.	0.10	mg/l					
Batch number: 060055704001	Sample number(s): 4681354-4681361							
Lead (furnace method)	N.D.	0.00087	mg/l	96		80-120		
Batch number: 06005A54A	Sample number(s): 4681353-4681354, 4681356, 4681358, 4681360							
TPH by NWTPH-Gx waters	N.D.	48.	ug/l	84	84	70-130	0	30
Batch number: 060110026A	Sample number(s): 4681358							
Diesel Range Organics	N.D.	0.080	mg/l	63	63	51-113	0	20
Heavy Range Organics	N.D.	0.10	mg/l					
Batch number: Z060091AA	Sample number(s): 4681353-4681354, 4681356, 4681358, 4681360							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	92		77-127		
Benzene	N.D.	0.5	ug/l	89		85-117		
Toluene	N.D.	0.5	ug/l	92		85-115		
Ethylbenzene	N.D.	0.5	ug/l	93		82-119		
Xylene (Total)	N.D.	0.5	ug/l	94		83-113		

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: 060055704001	Sample number(s): 4681354-4681361								
Lead (furnace method)	106	104	80-120	2	20	N.D.	N.D.	18 (1)	20
Batch number: 06005A54A	Sample number(s): 4681353-4681354, 4681356, 4681358, 4681360								
TPH by NWTPH-Gx waters	95		63-154						
Batch number: Z060091AA	Sample number(s): 4681353-4681354, 4681356, 4681358, 4681360								
Methyl Tertiary Butyl Ether	93	94	69-134	1	30				
Benzene	96	96	83-128	0	30				
Toluene	100	98	83-127	2	30				
Ethylbenzene	99	98	82-129	1	30				
Xylene (Total)	98	97	82-130	1	30				

*- 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.



Analysis Report

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Quality Control Summary

Client Name: ChevronTexaco c/o Cambria
Reported: 01/20/06 at 12:07 PM

Group Number: 973055

Surrogate Quality Control

Analysis Name: TPH by NWTPH-Dx(water) w/SiGel
Batch number: 060040016A
Orthoterphenyl

4681354	92
4681356	92
4681360	91
Blank	88
LCS	94
LCSD	95

Limits: 52-141

Analysis Name: TPH by NWTPH-Gx waters
Batch number: 06005A54A
Trifluorotoluene-F

4681353	83
4681354	91
4681356	89
4681358	88
4681360	88
Blank	85
LCS	80
LCSD	84
MS	80

Limits: 63-135

Analysis Name: TPH by NWTPH-Dx(water) w/SiGel
Batch number: 060110026A
Orthoterphenyl

4681358	85
Blank	84
LCS	84
LCSD	99

Limits: 52-141

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z060091AA
Dibromofluoromethane

1,2-Dichloroethane-d4

Toluene-d8

4-Bromofluorobenzene

4681353	94	88	89	88
4681354	94	89	81	86
4681356	94	88	87	88
4681358	94	89	88	88
4681360	95	89	89	88
Blank	94	90	89	89
LCS	93	91	89	91
MS	91	88	90	89
MSD	92	87	89	89

Limits: 80-116

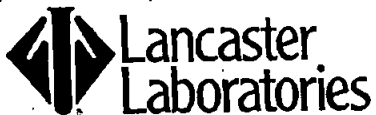
77-113

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.



Analysis Report

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Quality Control Summary

Client Name: ChevronTexaco c/o Cambria
Reported: 01/20/06 at 12:07 PM

Group Number: 973055

*- 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.

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
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value - The result is $\geq$ 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 $\geq DL$
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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