

GETTLER - RYAN Inc.

August 12, 2003
Job #386765

Mr. Brett Hunter
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

RE: Event of June 30 and July 1, 2003
Groundwater Monitoring & Sampling Report
Former Texaco Service Station
631 Queen Anne Avenue North
Seattle, Washington
(Site #211577)

Dear Mr. Hunter:

This report documents the groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All fieldwork 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 present in four wells (VP-4, VP-6, VP-7 (MW-3), and MW-6). Separate Phase Hydrocarbon Thickness/Removal Data is presented in Table 2. 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,

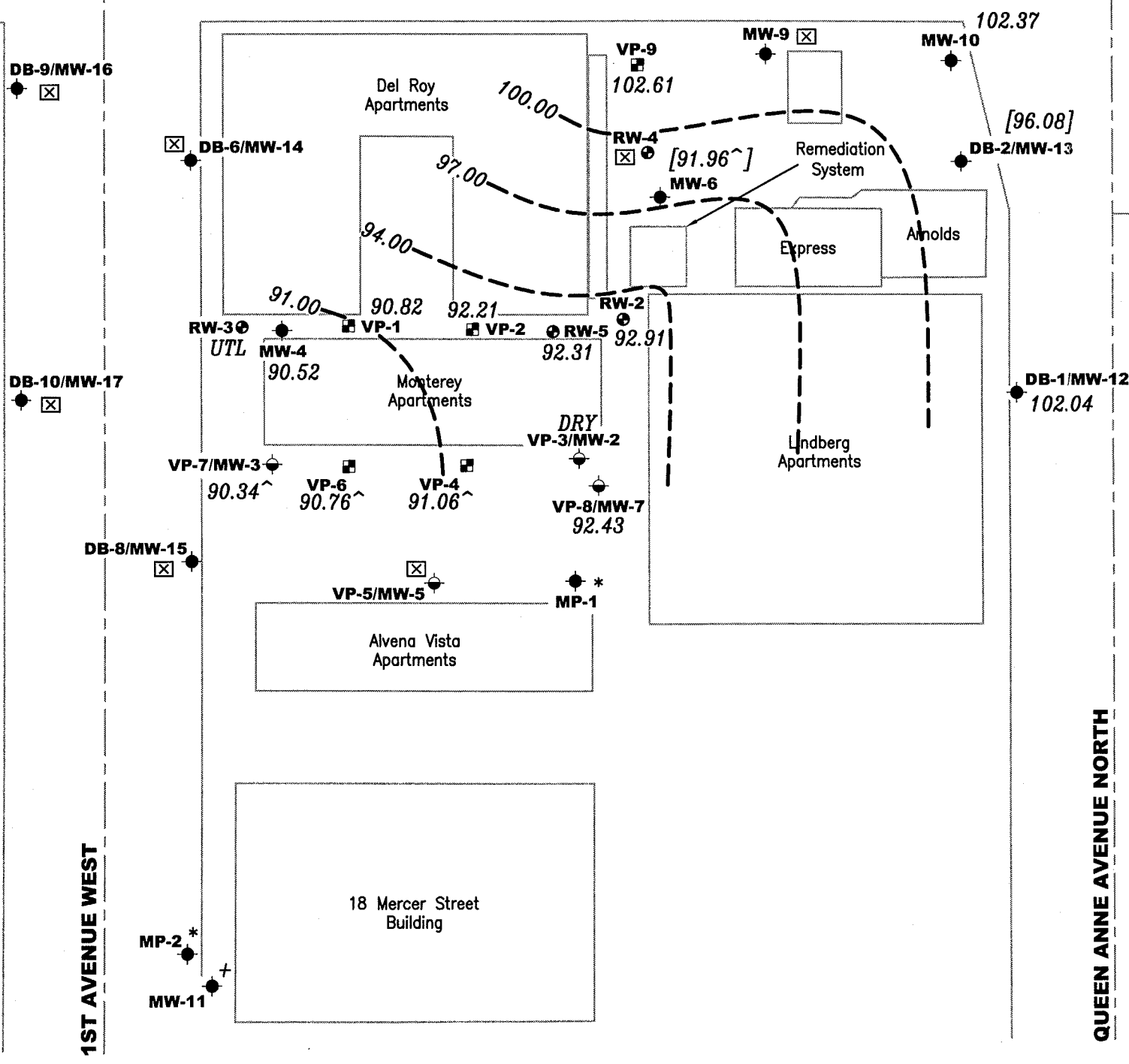
Deanna L. Harding
Project Coordinator

Robert C. Mallory
Registered Geologist

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Separate Phase Hydrocarbon Thickness/Removal Data
Table 3: Groundwater Analytical Results - SVOC and PAH
Table 4: Groundwater Analytical Results - SVOC
Table 5: Groundwater Analytical Results - Dissolved Metals
Table 6: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

Offices/Commercial Retail

WEST ROY STREET

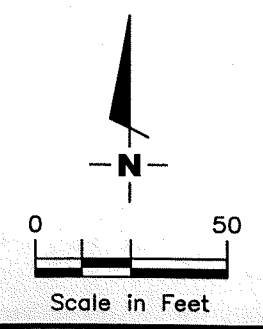


EXPLANATION

- Monitoring well (Former Texaco)
- ⊕ Monitoring well (Former Unocal)
- ⊠ Vapor well (Former Unocal)
- ⊙ Recovery well (Former Unocal)
- ⊕ Monitoring/vapor well (Former Unocal)
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred
- + TOC not available
- ⊠ Inaccessible
- ^ Groundwater elevation corrected for the presence of separate-phase hydrocarbons
- UTL Unable to Locate
- * Discontinued from monitoring/sampling program
- [99.99] Not used in contouring



Approximate groundwater flow direction at a gradient of 0.04 to 0.09 Ft./Ft.



POTENTIOMETRIC MAP
Former Texaco Service Station
631 Queen Anne Avenue North
Seattle, Washington (Site #211577)

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

PROJECT NUMBER 386765
REVIEWED BY
DATE June 30 and July 1, 2003
REVISED DATE

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

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-O (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)
VP-1											
103.03	07/24/02	11.59	91.44	0.00	18,000 ¹	1,500 ¹	35,000	120	820	280	4,600
	10/17-18/02	12.70	90.33	0.00	7,500 ¹	598 ^{1,2}	27,300	170	756	334	4,820
	01/21/03	12.70	90.33	0.00	14,200 ¹	807 ^{1,2}	36,700	90.5	801	500	6,630
	04/23-24/03	11.63	91.40	0.00	2,830 ¹	<500 ¹	24,200	110	136	225	2,780
	06/30-07/01/03	12.21	90.82	0.00	20,200¹	1,750¹	8,000⁷	36.8⁷	49.2⁷	47.1⁷	618⁷
VP-2											
104.72	07/24/02	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
	10/17-18/02	13.60	91.12	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER						--
	01/21/03	13.63	91.09	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER						--
	04/23-24/03	12.15	92.57	0.00	12,100 ¹	<250 ¹	6,230	549	42.6	106	1,120
	06/30-07/01/03	12.51	92.21	0.00	35,900¹	1,380¹	3,330	180	58.8	32.4	510
VP-3 (MW-2)											
104.75	07/24/02	DRY	--	--	--	--	--	--	--	--	--
	10/17-18/02	DRY	--	--	--	--	--	--	--	--	--
	01/21/03	DRY	--	--	--	--	--	--	--	--	--
	04/23-24/03	DRY	--	--	--	--	--	--	--	--	--
	06/30-07/01/03	DRY	--	--	--	--	--	--	--	--	--
VP-4											
103.35	07/24/02	11.89	91.46	0.00	78,000 ¹	<9,700 ¹	89,000	7,300	7,500	1,900	13,000
	10/17-18/02	12.75	90.62**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
	01/21/03	12.61	90.82**	0.10	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
	04/23-24/03	11.72	91.65**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
	06/30-07/01/03	12.31	91.06**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--

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Seattle, Washington

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-O (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)
VP-5 (MW-5)											
102.63	07/24/02	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--	--	--
	10/17-18/02	12.31	90.32	0.00	3,900 ¹	<500 ¹	15,900	318	49.3	880	1,870
	01/21/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--	--	--
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--	--	--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--	--	--
VP-6											
101.90	07/24/02	10.60	92.56**	1.58	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--
	10/17-18/02	11.35	91.07**	0.65	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--
	01/21/03	11.27	91.93**	1.63	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--
	04/23-24/03	10.75	91.27**	0.15	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--
	06/30-07/01/03	11.32	90.76**	0.22	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--
VP-7 (MW-3)											
100.40	07/24/02	9.74	90.66	0.00	5,800 ¹	580 ¹	60,000	8,200	7,000	1,500	8,300
	10/17-18/02	10.57	89.83	0.00	5,160 ¹	510 ^{1,2}	71,600	11,100	5,880	1,940	10,800
	01/21/03	10.29	90.11	0.00	714 ^{1,4}	<500 ¹	41,600	9,440	1,470	1,360	6,190
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--	--	--
	06/30-07/01/03	10.08	90.34**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--
VP-8 (MW-7)											
104.88	07/24/02	11.70	93.18	0.00	1,800 ¹	420 ¹	1,500	9.4	9.2	34	50
	10/17-18/02	12.78	92.10	0.00	1,830 ¹	<500 ¹	552	9.75	1.45	4.25	5.73
	01/21/03	12.63	92.25	0.00	1,120 ¹	<500 ¹	1,910	139	291	59.1	216
	04/23-24/03	10.72	94.16	0.00	800 ¹	<500 ¹	700	65.6	35.7	22.9	69.8
	06/30-07/01/03	12.45	92.43	0.00	939 ¹	<500 ¹	379	2.68	1.57	3.70	4.69

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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-O (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)
MW-10											
115.28	07/24/02	13.14	102.14	0.00	320 ¹	600 ¹	240	2.5	<0.50	<1.0	<1.5
	10/17-18/02	13.59	101.69	0.00	667 ¹	<500 ¹	490	3.42	<0.500	1.34	5.00
	01/21/03	12.46	102.82	0.00	<250 ¹	<500 ¹	416	3.44	0.550	0.519	3.24
	04/23-24/03	11.76	103.52	0.00	-- ⁶	-- ⁶	<50.0	<0.500	<0.500	<0.500	<1.00
	06/30-07/01/03	12.91	102.37	0.00	<250¹	<500¹	255	2.01	<0.500	0.535	2.53
MW-11											
	07/24/02	11.16	--	0.00	<250 ¹	<250 ¹	<50	<0.50	<0.50	<0.50	<1.5
	10/17-18/02	11.43	--	0.00	<250 ¹	<500 ¹	<50.0	<0.500	<0.500	<0.500	<1.00
	01/21/03	11.29	--	0.00	<250 ¹	<500 ¹	<50.0	<0.500	<0.500	<0.500	<1.00
	04/23-24/03	11.09	--	0.00	<250 ¹	<500 ¹	<50.0	<0.500	<0.500	<0.500	<1.00
	06/30-07/01/03	11.39	--	0.00	<250¹	<500¹	<50.0	<0.500	<0.500	<0.500	<1.00
DB-1 (MW-12)											
113.36	10/17-18/02	12.22	101.14	0.00	<250 ¹	<500 ¹	<50.0	0.516	0.869	<0.500	<1.00
	01/21/03	11.72	101.64	0.00	<250 ¹	<500 ¹	<50.0	<0.500	<0.500	<0.500	<1.00
	04/23-24/03	11.04	102.32	0.00	<250 ¹	<500 ¹	<50.0	<0.500	<0.500	<0.500	<1.00
	06/30-07/01/03	11.32	102.04	0.00	1,690¹	<500¹	1,040	2.91	1.05	10.0	26.5
DB-2 (MW-13)											
114.80	10/17-18/02	19.31	95.49	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER			--	--	--	--
	01/21/03	19.01	95.79	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER			--	--	--	--
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--	--	--
	06/30-07/01/03	18.72	96.08	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER			--	--	--	--

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Seattle, Washington

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-O (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
VP-9												
112.35	07/24/02	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--
	10/17-18/02	11.90	100.45	0.00	13,200 ¹	786 ^{1,2}	1,910	11.3	2.62	8.86	14.7	
	01/21/03	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	
	04/23-24/03	8.28	104.07	0.00	<250 ¹	<500 ¹	<50.0	<0.500	<0.500	<0.500	<1.00	
	06/30-07/01/03	9.74	102.61	0.00	<250¹	<500¹	681	1.22	0.735	5.07	3.28	
MW-4												
102.07	07/24/02	11.18	90.89	0.00	10,000 ¹	680 ¹	83,000	11,000	9,900	1,800	11,000	
	10/17-18/02	11.98	90.09	0.00	9,860 ¹	697 ^{1,2}	110,000	14,500	11,600	2,630	15,200	
(D)	10/17-18/02	--	--	--	7,100 ¹	<500 ¹	92,400	12,400	9,980	2,090	12,200	
	01/21/03	11.81	90.26	0.00	2,540 ^{1,5}	<500 ¹	80,000	10,700	10,100	1,920	11,700	
	04/23-24/03	11.03	91.04	0.00	1,680 ¹	<500 ¹	79,300	8,990	7,350	1,780	10,300	
	06/30-07/01/03	11.55	90.52	0.00	3,910¹	<500¹	108,000	12,100	11,200	2,630	15,300	
MW-6												
113.32	07/24/02	19.76	93.56	0.00	29,000 ¹	<10,000 ¹	31,000	8,900	1,600	820	4,200	
	10/17-18/02	20.64	92.72**	0.05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	
	01/21/03	21.71	91.63**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	
	04/23-24/03	20.88	92.46**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	
	06/30-07/01/03	21.38	91.96**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	
MW-9												
114.27	10/17-18/02	20.88	93.39	0.00	43,600 ¹	671 ^{1,2}	6,380	493	13.0	230	107	
	01/21/03	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	
	04/23-24/03	20.04	94.23	0.00	3,680 ¹	<500 ¹	6,760	388	15.9	277	105	
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	

Table
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Statio (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-O (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)
DB-6 (MW-14)											
101.64	10/17-18/02	--	--	--	--	--	--	--	--	--	--
	11/14/02	11.88	89.76	0.00	4,710 ¹	<500 ¹	43,100 ³	9,900 ³	4,930 ³	1,540 ³	6,020 ³
	01/21/03	INACCESSIBLE - VEHICLE PARKED OVER WELL									--
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL									--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL									--
DB-8 (MW-15)											
99.03	10/17-18/02	--	--	--	--	--	--	--	--	--	--
	11/14/02	9.44	89.59	0.00	780 ¹	<500 ¹	3,280	1,640	5.23	5.06	<10.0
	01/21/03	9.29	89.74	0.00	<250 ¹	<500 ¹	<50.0	<0.500	<0.500	<0.500	<1.00
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL									--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL									--
DB-9 (MW-16)											
101.83	10/17-18/02	--	--	--	--	--	--	--	--	--	--
	11/14/02	12.36	89.47	0.00	<250 ¹	<500 ¹	<50.0	<0.500	<0.500	<0.500	<1.00
	01/21/03	11.88	89.95	0.00	<250 ¹	<500 ¹	<50.0	<0.500	<0.500	<0.500	<1.00
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL									--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL									--
DB-10 (MW-17)											
99.29	10/17-18/02	--	--	--	--	--	--	--	--	--	--
	11/14/02	10.00	89.29	0.00	<250 ¹	<500 ¹	2,780	569	31.0	91.1	250
	01/21/03	9.62	89.67	0.00	<250 ¹	<500 ¹	<50.0	<0.500	<0.500	<0.500	<1.00
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL									--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL									--

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631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-O (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)
RW-2											
106.63	07/24/02	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
NP	10/17-18/02	14.44	92.19	0.00	988 ¹	<500 ¹	1,380	90.5	8.05	29.2	31.5
NP	01/21/03	10.61	96.02	0.00	<250 ¹	<500 ¹	126	33.5	0.859	1.28	4.11
	04/23-24/03	10.30	96.33	0.00	<250 ¹	<500 ¹	55.7	<0.500	<0.500	0.642	2.64
	06/30-07/01/03	13.72	92.91	0.00	505¹	<500¹	2,380	53.5	8.72	39.8	43.2
RW-3											
100.70	07/24/02	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
	10/17-18/02	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
	01/21/03	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
	04/23-24/03	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
	06/30-07/01/03	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
RW-4											
110.82	07/24/02	18.30	92.52	0.00	15,000 ¹	<2,000 ¹	990	62	1.3	32	7.0
	10/17-18/02	19.29	91.53	0.00	8,930 ¹	939 ¹	3,160	59.8	2.50	40.4	15.6
	01/21/03	17.88	92.94	0.00	2,830 ¹	<500 ¹	689	0.991	<0.500	2.37	7.03
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--
RW-5											
104.22	07/24/02	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
	10/17-18/02	12.63	91.59	0.00	84,900 ¹	3,650 ¹	3,370	696	67.2	63.0	408
NP	01/21/03	11.81	92.41	0.00	1,860 ¹	<500 ¹	493	17.1	4.43	1.37	52.9
	04/23-24/03	11.31	92.91	0.00	2,050 ¹	<500 ¹	2,490	9.73	13.4	<5.00	870
	06/30-07/01/03	11.91	92.31	0.00	8,010¹	<500¹	2,170	34.6	20.3	8.10	1,050

Table 1
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631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-O (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)
MP-1	07/24/02	INACCESSIBLE - UNABLE TO OPEN WELL			--	--	--	--	--	--	--
	10/17-18/02	INACCESSIBLE - UNABLE TO OPEN WELL			--	--	--	--	--	--	--
	NOT MONITORED/SAMPLED										
MP-2	07/24/02	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--	--	--	--
	10/17-18/02	--	--	--	--	--	--	--	--	--	--
	NOT MONITORED/SAMPLED										
Trip Blank							<50	<0.50	<0.50	<0.50	<1.5
QA	07/24/02	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00
	10/17-18/02	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00
	11/14/02	--	--	--	--	--	--	--	--	--	--
	01/21/03	--	--	--	--	--	--	--	--	--	--
	04/23-24/03	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00
	06/30-07/01/03	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00

	TPH-D	TPH-O	TPH-G	B	T	E	X
Standard Laboratory Reporting Limits:	250	250	50.0	0.500	0.500	0.500	1.00
MTCA Method A Cleanup Levels:	500	500	800/1,000	5	1,000	700	1,000
Current Method:	NWTPH-D Extended			NWTPH-G and EPA 8021B			

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

EXPLANATIONS:

TOC = Top of Casing (ft.) = Feet	TPH-G = Total Petroleum Hydrocarbons as Gasoline	-- = Not Measured/Not Analyzed
DTW = Depth to Water	B = Benzene	QA = Quality Assurance/Trip Blank
GWE = Groundwater Elevation (msl) = Mean Sea Level	T = Toluene	NP = No Purge
TPH-D = Total Petroleum Hydrocarbons as Diesel	E = Ethylbenzene	MTCA = Model Toxics Control Act Cleanup Regulations [WAC 173-340-720(2)(a)(I), as amended 02/01].
TPH-O = Total Petroleum hydrocarbons as Oil	X = Xylenes	
	D. LEAD = Dissolved Lead	
	(ppb) = Parts per billion	

- * TOC elevations have been surveyed in feet relative to msl.
- ** GWE corrected due to the presence of SPH; correction factor: $[(TOC - DTW) + (SPHT \times 0.8)]$.
- ¹ Analysis with silica gel cleanup.
- ² Laboratory report indicates the heavy oil range organics present are due to hydrocarbons eluting primarily in the diesel range.
- ³ Laboratory report indicates this sample was received and analyzed unpreserved.
- ⁴ Laboratory report indicates results in the diesel organics range are primarily due to overlap from a gasoline range product.
- ⁵ Laboratory report indicates the sample chromatographic pattern does not resemble the fuel standard used for quantitation.
- ⁶ Sample broke during transport to laboratory.
- ⁷ Laboratory report indicates this sample was analyzed outside of our recommended holding time. See case narrative.

Table 2
Separate Phase Hydrocarbon Thickness/Removal Data
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID	DATE	DTW (ft.)	SPH THICKNESS (ft.)	AMOUNT BAILED (SPH + WATER) (gallons)
VP-4	10/17-18/02	12.75	0.03	0.00
	01/21/03	12.61	0.10	0.00
	04/23-24/03	11.72	0.03	0.00
	06/30-07/01/03	12.31	0.03	0.00
VP-6	07/24/02	10.60	1.58	0.00
	10/17-18/02	11.35	0.65	0.00
	01/21/03	11.27	1.63	0.00
	04/23-24/03	10.75	0.15	0.00
	06/30-07/01/03	11.32	0.22	0.00
VP-7	06/30-07/01/03	10.08	0.03	0.00
MW-6	10/17-18/02	20.64	0.05	0.00
	01/21/03	21.71	0.03	0.00
	04/23-24/03	20.88	0.03	0.00
	06/30-07/01/03	21.38	0.03	0.00

EXPLANATIONS:

DTW = Depth to Water

(ft.) = Feet

SPH = Separate Phase Hydrocarbons

Table 3
Groundwater Analytical Results - SVOC and PAH
Former Texaco Service Statio (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID	DATE	2-Methylnaphthalene (ppb)	2,4-Dimethylphenol (ppb)	Naphthalene (ppb)	Phenol (ppb)	2-Methylphenol (ppb)	4-Methylphenol (ppb)	bis (2-Ethylhexyl) phthalate (ppb)	Benzoic acid (ppb)
VP-1	7/24/2002	84	80	160	ND	13	18	31	<10
VP-2	7/24/2002	UNABLE TO LOCATE			--	--	--	--	--
VP-5 (MW-5)	7/24/2002	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
VP-7 (MW-3)	7/24/2002	69	28	420	ND	<5.0	6	<10	34
VP-8 (MW-7)	7/24/2002	<5.0	<5.0	<5.0	ND	<5.0	<5.0	<10	<10
VP-9	7/24/2002	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
MW-4	7/24/2002	160	24	500	ND	6	9	<10	<10
MW-10	7/24/2002	<5.0	<5.0	<5.0	ND	<5.0	<5.0	13	<10
MW-11	7/24/2002	<5.0	<5.0	<5.0	ND	<5.0	<5.0	<10	<10

Table 3
Groundwater Analytical Results - SVOC and PAH
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID	DATE	2-Methylnaphthalene (ppb)	2,4-Dimethylphenol (ppb)	Naphthalene (ppb)	Phenol (ppb)	2-Methylphenol (ppb)	4-Methylphenol (ppb)	bis (2-Ethylhexyl) phthalate (ppb)	Benzoic acid (ppb)
DB-1 (MW-12)	10/17-18/02	<10.0	<10.0	<10.0	<10.0	<10.0	--	<50.0	<20.0
DB-2 (MW-13)	10/17-18/02	--	--	--	--	--	--	--	--
DB-6 (MW-14)	10/17-18/02	--	--	--	--	--	--	--	--
	11/14/02	52.2	13.4	242	34.5	11.0	24.8 ¹	<50.0	<20.0
DB-8 (MW-15)	10/17-18/02	--	--	--	--	--	--	--	--
	11/14/02	<10.0	<10.0	<10.0	37.0	<10.0	<10.0 ¹	<50.0	<20.0
RW-4	7/24/2002	<5.0	<5.0	<5.0	ND	<5.0	<5.0	<10	<10

Table 1
Groundwater Analytical Results - SVOC and PAH
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

EXPLANATIONS:

(ppb) = Parts per billion

-- = Not Analyzed

ND = Not Detected

¹ Results are for 3 & 4-Methylphenol.

ANALYTICAL METHODS:

Semi-Volatile Organic Compounds (SVOC) by EPA Method 8270

Polynuclear Aromatic Hydrocarbons (PAH) by EPA Method 8270

NOTE:

Other PAH and SVOC constituents were less than the reporting limit.

Table 4
Groundwater Analytical Results - SVOC
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/	DATE	Chloroform (ppb)	cis-1,2-Dichloroethene (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Tetrachloroethene (ppb)	Trichloroethene (ppb)	m+p-Xylene (ppb)	o-Xylene (ppb)	Isopropylbenzene (ppb)	n-Propylbenzene (ppb)	1,3,5-Trimethylbenzene (ppb)	1,2,4-Trimethylbenzene (ppb)	sec-Butylbenzene (ppb)	p-Isopropyltoluene (ppb)	n-Butylbenzene (ppb)	Naphthalene (ppb)	Methyl t-butyl ether (ppb)	t-Butyl alcohol (ppb)
VP-3 (MW-2)	07/24/02	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-5 (MW-5)	07/24/02	INACCESSIBLE - VEHICLE PARKED OVER WELL								--	--	--	--	--	--	--	--	--	--	--
VP-7 (MW-3)	10/17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<10.0	<100
VP-9	07/24/02	INACCESSIBLE - VEHICLE PARKED OVER WELL								--	--	--	--	--	--	--	--	--	--	--
MW-4	07/24/02	ND	<8.0	12,000	10,000	1,800	ND	ND	8,900	3,500	46	140	500	1,800	<10	<10	23	360	6	120
	10/17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<50.0	<500
MW-10	07/24/02	ND	15	2	<0.5	<0.5	ND	ND	<0.5	<0.5	<2	<1	<1	<1	1	<1	<1	<2	<2	<100
MW-11	07/24/02	ND	<1	<0.5	<0.5	<0.5		ND	<0.5	<0.5	<2	<1	<1	<1	<1	<1	<1	<2	<2	<100
DB-1 (MW-12)	10/17-18/02	1.68	9.07	<1.00	<1.00	<1.00	9.58	2.75	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<50.0

Table 4
Groundwater Analytical Results - SVOC
Former Texaco Service Statio (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/	DATE	Chloroform (ppb)	cis-1,2-Dichloroethene (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Tetrachloroethene (ppb)	Trichloroethene (ppb)	m+p-Xylene (ppb)	o-Xylene (ppb)	Isopropylbenzene (ppb)	n-Propylbenzene (ppb)	1,3,5-Trimethylbenzene (ppb)	1,2,4-Trimethylbenzene (ppb)	sec-Butylbenzene (ppb)	p-Isopropyltoluene (ppb)	n-Butylbenzene (ppb)	Naphthalene (ppb)	Methyl t-butyl ether (ppb)	t-Butyl alcohol (ppb)
DB-2 (MW-13)	10/17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DB-6 (MW-14)	10/17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DB-8 (MW-15)	10/17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-4	07/24/02	ND	<1	70	1	36	ND	ND	3	2	<2	3	<1	20	<1	2	1	5	<2	<100

Table 4
Groundwater Analytical Results - SVOC
Former Texaco Service Statio (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

EXPLANATIONS:

(ppb) = Parts per billion
SVOC = Volatile Organic Compounds
-- = Not Analyzed
ND = Not Detected

ANALYTICAL METHOD:

SVOC by EPA Method 8260

NOTE:

Other SVOC were less than the reporting limit.

Table 5
Groundwater Analytical Results - Dissolved Metals
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/	DATE	MERCURY (ppb)	ARSENIC (ppb)	CADMIUM (ppb)	CHROMIUM (ppb)	LEAD (ppb)	SELENIUM (ppb)	SILVER (ppb)	BARIUM TR (ppb)
VP-1	07/24/02	--	--	--	--	22.9	--	--	--
	10/17-18/02 ¹	--	--	--	--	18.0	--	--	--
	01/21/03	--	--	--	--	47.1	--	--	--
	04/23-24/03	--	--	--	--	36.4 ²	--	--	--
	06/30-07/01/03	--	--	--	--	13.2 ²	--	--	--
VP-2	07/24/02	UNABLE TO LOCATE	--	--	--	--	--	--	--
	10/17-18/02	NOT SAMPLED DUE TO INSUFFICIENT WATER	--	--	--	--	--	--	--
	01/21/03	NOT SAMPLED DUE TO INSUFFICIENT WATER	--	--	--	--	--	--	--
	04/23-24/03	--	--	--	--	1.52 ²	--	--	--
	06/30-07/01/03	--	--	--	--	3.97 ²	--	--	--
VP-3 (MW-2)	07/24/02	DRY	--	--	--	--	--	--	--
	10/17-18/02	DRY	--	--	--	--	--	--	--
	01/21/03	DRY	--	--	--	--	--	--	--
	04/23-24/03	DRY	--	--	--	--	--	--	--
	06/30-07/01/03	DRY	--	--	--	--	--	--	--
VP-4	07/24/02	--	--	--	--	28.0	--	--	--
	10/17-18/02	NOT SAMPLED DUE TO THE PRESENCE OF SPH	--	--	--	--	--	--	--
	01/21/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH	--	--	--	--	--	--	--
	04/23-24/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH	--	--	--	--	--	--	--
	06/30-07/01/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH	--	--	--	--	--	--	--
VP-5 (MW-5)	07/24/02	INACCESSIBLE - VEHICLE PARKED OVER WELL	--	--	--	--	--	--	--
	10/17-18/02 ¹	--	--	--	--	2.29	--	--	--
	01/21/03	INACCESSIBLE - VEHICLE PARKED OVER WELL	--	--	--	--	--	--	--
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL	--	--	--	--	--	--	--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL	--	--	--	--	--	--	--

Table
Groundwater Analytical Results - Dissolved Metals
 Former Texaco Service Station (Site #211577)
 631 Queen Anne Avenue North
 Seattle, Washington

WELL ID/	DATE	MERCURY (ppb)	ARSENIC (ppb)	CADMIUM (ppb)	CHROMIUM (ppb)	LEAD (ppb)	SELENIUM (ppb)	SILVER (ppb)	BARIUM TR (ppb)
VP-6	07/24/02	NOT SAMPLED - DUE TO PRESENCE OF SPH			--	--	--	--	--
	10/17-18/02	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
	01/21/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
	04/23-24/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
	06/30-07/01/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
VP-7 (MW-3)	07/24/02	<0.079	97.3	<0.080	2.2	25.0	<1.1	0.068	33.6
	10/17-18/02	--	--	--	--	2.40	--	--	--
	01/21/03	--	--	--	--	<1.00	--	--	--
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
	06/30-07/01/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
VP-8 (MW-7)	07/24/02	<0.079	2.1	0.13	0.82	11.4	<1.1	<0.050	49.6
	10/17-18/02	--	--	--	--	1.93	--	--	--
	01/21/03	--	--	--	--	8.33	--	--	--
	04/23-24/03	--	--	--	--	3.73 ²	--	--	--
	06/30-07/01/03	--	--	--	--	2.06 ²	--	--	--
VP-9	07/24/02	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
	10/17-18/02	--	--	--	--	<1.00	--	--	--
	01/21/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
	04/23-24/03	--	--	--	--	<1.00 ²	--	--	--
	06/30-07/01/03	--	--	--	--	<1.00 ²	--	--	--
MW-4 (D)	07/24/02	<0.079	31.0	<0.080	<0.28	15.5	<1.1	<0.050	63.8
	10/17-18/02 ¹	--	--	--	--	10.7	--	--	--
	10/17-18/02	--	--	--	--	9.61	--	--	--
	01/21/03	--	--	--	--	14.5	--	--	--
	04/23-24/03	--	--	--	--	5.74 ²	--	--	--
	06/30-07/01/03	--	--	--	--	7.85 ²	--	--	--

Table 5
Groundwater Analytical Results - Dissolved Metals
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/	DATE	MERCURY (ppb)	ARSENIC (ppb)	CADMIUM (ppb)	CHROMIUM (ppb)	LEAD (ppb)	SELENIUM (ppb)	SILVER (ppb)	BARIUM TR (ppb)
MW-6	07/24/02	--	--	--	--	5.1	--	--	--
	10/17-18/02	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	--	--
	01/21/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	--	--
	04/23-24/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	--	--
	06/30-07/01/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	--	--
MW-9	10/17-18/02	--	--	--	--	2.66	--	--	--
	01/21/03	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--
	04/23-24/03	--	--	--	--	1.31 ²	--	--	--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--
MW-10	07/24/02	<0.079	4.1	0.17	0.38	1.3	<1.1	<0.050	52.1
	10/17-18/02	--	--	--	--	<1.00	--	--	--
	01/21/03	--	--	--	--	<1.00	--	--	--
	04/23-24/03	--	--	--	--	<1.00 ²	--	--	--
	06/30-07/01/03	--	--	--	--	<1.00 ²	--	--	--
MW-11	07/24/02	--	--	--	--	<1.2	--	--	--
	10/17-18/02	--	--	--	--	<1.00	--	--	--
	01/21/03	--	--	--	--	<1.00	--	--	--
	04/23-24/03	--	--	--	--	<1.00 ²	--	--	--
	06/30-07/01/03	--	--	--	--	<1.00 ²	--	--	--
DB-1 (MW-12)	01/21/03	--	--	--	--	<1.00	--	--	--
	04/23-24/03	--	--	--	--	<1.00 ²	--	--	--
	06/30-07/01/03	--	--	--	--	<1.00 ²	--	--	--

Table 5

Groundwater Analytical Results - Dissolved Metals

Former Texaco Service Station (Site #211577)

631 Queen Anne Avenue North

Seattle, Washington

WELL ID/	DATE	MERCURY (ppb)	ARSENIC (ppb)	CADMIUM (ppb)	CHROMIUM (ppb)	LEAD (ppb)	SELENIUM (ppb)	SILVER (ppb)	BARIUM TR (ppb)
DB-2 (MW-13)	01/21/03	NOT SAMPLED DUE TO INSUFFICIENT WATER			--	--	--	--	--
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
	06/30-07/01/03	NOT SAMPLED DUE TO INSUFFICIENT WATER			--	--	--	--	--
DB-6 (MW-14)	11/14/02	<1.00	17.0	<1.00	<1.00	1.82	1.48	<1.00	18.4
	01/21/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
DB-8 (MW-15)	11/14/02	<1.00	1.33	<1.00	<1.00	1.04	<1.00	<1.00	<10.0
	01/21/03	--	--	--	--	<1.00	--	--	--
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
DB-9 (MW-16)	11/14/02	--	--	--	--	<1.00	--	--	--
	01/21/03	--	--	--	--	<1.00	--	--	--
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
DB-10 (MW-17)	11/14/02	--	--	--	--	<1.00	--	--	--
	01/21/03	--	--	--	--	<1.00	--	--	--
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
RW-2	07/24/02	UNABLE TO LOCATE			--	--	--	--	--
	10/17-18/02	--	--	--	--	2.23	--	--	--
	01/21/03	--	--	--	--	<1.00	--	--	--
	04/23-24/03	--	--	--	--	<1.00 ²	--	--	--
	06/30-07/01/03	--	--	--	--	1.43 ²	--	--	--

Table 5
Groundwater Analytical Results - Dissolved Metals
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/	DATE	MERCURY (ppb)	ARSENIC (ppb)	CADMIUM (ppb)	CHROMIUM (ppb)	LEAD (ppb)	SELENIUM (ppb)	SILVER (ppb)	BARIUM TR (ppb)
RW-3	07/24/02	UNABLE TO LOCATE		--	--	--	--	--	--
	10/17-18/02	UNABLE TO LOCATE		--	--	--	--	--	--
	01/21/03	UNABLE TO LOCATE		--	--	--	--	--	--
	04/23-24/03	UNABLE TO LOCATE		--	--	--	--	--	--
	06/30-07/01/03	UNABLE TO LOCATE		--	--	--	--	--	--
RW-4	07/24/02	<0.079	6.1	<0.080	1.2	3.3	<1.1	<0.050	66.9
	10/17-18/02	--	--	--	--	1.23	--	--	--
	01/21/03	--	--	--	--	<1.00	--	--	--
	04/23-24/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
	06/30-07/01/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
RW-5	07/24/02	UNABLE TO LOCATE		--	--	--	--	--	--
	10/17-18/02	--	--	--	--	3.91	--	--	--
	01/21/03	--	--	--	--	13.3	--	--	--
	04/23-24/03	--	--	--	--	7.31 ²	--	--	--
	06/30-07/01/03	--	--	--	--	1.98²	--	--	--

Table 5
Groundwater Analytical Results - Dissolved Metals
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

EXPLANATIONS:

(ppb) = Parts per billion

-- = Not Analyzed

(D) - Duplicate

ANALYTICAL METHODS:

Dissolved Metals by EPA Method Series 7000

Barium TR by EPA Method 6010B

¹ Organic Lead was <300 ppb.

² Laboratory report indicates this sample was laboratory filtered.

Table 6
Groundwater Analytical Results - Oxygenate Compounds
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
DB-1 (MW-12)	10/18/02	--	<50.0	<5.00	--	<1.00	<1.00	--	--
VP-7 (MW-3)	10/18/02	<40.0	<100	<10.0	<2.00	<2.00	<2.00	<1.00	<1.00
MW-4	10/18/02	<200	<500	<50.0	<10.0	<10.0	<10.0	<5.00	<5.00

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2- DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(ppb) = Parts per billion

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

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 #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-1-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: VP-1 Well Condition: ok
 Well Diameter: 2 1/8 in. Hydrocarbon Thickness: Ø ft. Amount Bailed (product/water): Ø gal.
 Total Depth: 14.58 ft.
 Depth to Water: 12.21 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

2.37 xVF .17 = .4 x3 (case volume) = Estimated Purge Volume: 1 gal.

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

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

Start Time (purge): 1230 Weather Conditions: Sunny
 Sample Time/Date: 1245 1 Water Color: Clear 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 (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1233</u>	<u>.5</u>	<u>6.89</u>	<u>320</u>	<u>12.6</u>		
<u>1236</u>	<u>1</u>	<u>6.86</u>	<u>318</u>	<u>12.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>VP-1</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>NORTHCREEK</u>	<u>TPH-G/BTEX</u>
<u>VP-1</u>	<u>1</u> x amber	<u>YES</u>	<u>HCL</u>	<u>NORTHCREEK</u>	<u>TPH-Dx w/sg</u>
<u>VP-1</u>	<u>1</u> x 500ml poly	<u>YES</u>	<u>NP</u>	<u>NORTHCREEK</u>	<u>DISSOLVED LEAD</u>

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-1-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: VP-2 Well Condition: OK
 Well Diameter: 2 1/8 in. Hydrocarbon Thickness: Ø ft. Amount Bailed (product/water): Ø gal.
 Total Depth: 14.44 ft.
 Depth to Water: 12.51 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

1.93 x VF .17 = .13 x3 (case volume) = Estimated Purge Volume: 1 gal.

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

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

Start Time (purge): 1300 Weather Conditions: Sunny
 Sample Time/Date: 1310 1 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>1305</u>	<u>1</u>	<u>6.82</u>	<u>346</u>	<u>12.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>VP-2</u>	<u>3</u> x voa vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
<u>VP-2</u>	<u>1</u> x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
<u>VP-2</u>	<u>1</u> x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: _____

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



GETTLER - RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577
 Site Address: 631 Queen Anne North
 City: Seattle, WA

Job Number: 386765
 Event Date: 6-30-03 (inclusive)
 Sampler: BWN

Well ID: VP - 3 (MW 2)
 Well Diameter: 2 1/8 in.
 Total Depth: 9.10 ft.
 Depth to Water: DRY ft.

Well Condition: Well is dry
 Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 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

_____ 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: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____/_____/_____ Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ 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
-	x vga vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Well is dry

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-1-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: VP-4 Well Condition: OK
 Well Diameter: (2) 1 8 in. Hydrocarbon Amount Bailed
 Total Depth: 14.69 ft. Thickness: .03 ft. (product/water): 0 gal.
 Depth to Water: 12.31 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

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: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ Water Color: _____ Odor: _____
 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)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
-	x vov vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Not sampled due to SPH

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577
 Site Address: 631 Queen Anne North
 City: Seattle, WA

Job Number: 386765
 Event Date: 7-1-03 (inclusive)
 Sampler: BWN

Well ID: VP - 5
 Well Diameter: 2 / 8 in.
 Total Depth: _____ ft.
 Depth to Water: UTA ft.

Well Condition: Unable to access
 Hydrocarbon Thickness: _____ ft. Amount Bailed (product/water): _____ 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

_____ 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: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ 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
-	x voa vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Unable to access truck parked over

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-1-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: VP-6 Well Condition: ok
 Well Diameter: 21.8 in. Hydrocarbon Thickness: 1.22 ft. Amount Bailed (product/water): 0 gal.
 Total Depth: 14.72 ft.
 Depth to Water: 11.32 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: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ Water Color: _____ Odor: _____
 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)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
-	x vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Not sampled due to SPH

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577
 Site Address: 631 Queen Anne North
 City: Seattle, WA

Job Number: 386765
 Event Date: 7-1-03 (inclusive)
 Sampler: BWN

Well ID: VP-7
 Well Diameter: 2 1/8 in.
 Total Depth: 17.42 ft.
 Depth to Water: 10.08 ft.

Well Condition: OK
 Hydrocarbon Thickness: .03 ft. Amount Bailed (product/water): 0 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

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: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ 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
VP-7	3 x 100ml vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
VP-7	1 x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
VP-7	1 x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Not sampled due to SPH

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-1-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: VP - 8 Well Condition: ok
 Well Diameter: 2 / 8 in. Hydrocarbon: Ø Amount Bailed: Ø gal.
 Total Depth: 16.61 ft. Thickness: Ø ft. (product/water): Ø gal.
 Depth to Water: 12.45 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

4.16 xVF .17 = .7 x3 (case volume) = Estimated Purge Volume: 2 gal.

Purge Equipment: Disposable Bailer Stainless Steel Bailer _____ Stack Pump _____ Suction Pump _____ Grundfos _____ Other: _____
 Sampling Equipment: Disposable Bailer Pressure Bailer _____ Discrete Bailer _____ Other: _____

Start Time (purge): 1035 Weather Conditions: Sunny
 Sample Time/Date: 1050 / 1 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>1038</u>	<u>1</u>	<u>6.87</u>	<u>299</u>	<u>12.6</u>		
<u>1041</u>	<u>2</u>	<u>6.84</u>	<u>298</u>	<u>12.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>VP - 8</u>	<u>3</u> x voa vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
<u>VP - 8</u>	<u>1</u> x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
<u>VP - 8</u>	<u>1</u> x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-1-03 (inclusive)
 City: Seattle, WA Sampler: RWN

Well ID: VP - 9 Well Condition: OK
 Well Diameter: (2) 1 8 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
 Total Depth: 13.50 ft.
 Depth to Water: 9.74 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

3.76 xVF 0.17 = 0.63 x3 (case volume) = Estimated Purge Volume: 2 gal.

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

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

Start Time (purge): 1010 Weather Conditions: Sunny
 Sample Time/Date: 1025 / 1 Water Color: clear Odor: slight
 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>1013</u>	<u>1</u>	<u>6.92</u>	<u>320</u>	<u>12.5</u>		
<u>1016</u>	<u>2</u>	<u>6.89</u>	<u>316</u>	<u>12.4</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>VP - 9</u>	<u>3</u> x voa vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
<u>VP - 9</u>	<u>1</u> x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
<u>VP - 9</u>	<u>1</u> x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-7-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: MW-4 Well Condition: OK
 Well Diameter: 218 in. Hydrocarbon Thickness: Ø ft. Amount Bailed (product/water): Ø gal.
 Total Depth: 17.31 ft.
 Depth to Water: 11.55 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

5.76 xVF .17 = 1 x3 (case volume) = Estimated Purge Volume: 3 gal.

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

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

Start Time (purge): 1125 Weather Conditions: Sunny
 Sample Time/Date: 7/7/03 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 (µmhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1128</u>	<u>1</u>	<u>7.28</u>	<u>336</u>	<u>12.6</u>		
<u>1131</u>	<u>2</u>	<u>7.22</u>	<u>331</u>	<u>12.5</u>		
<u>1134</u>	<u>3</u>	<u>7.18</u>	<u>328</u>	<u>12.4</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>3</u> x voa vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
<u>MW-4</u>	<u>1</u> x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
<u>MW-4</u>	<u>1</u> x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: _____

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



GETTLER - RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577
 Site Address: 631 Queen Anne North
 City: Seattle, WA

Job Number: 386765
 Event Date: 6-30-05 (inclusive)
 Sampler: BWN

Well ID: MW-6
 Well Diameter: 218 in.
 Total Depth: 28.32 ft.
 Depth to Water: 21.38 ft.

Well Condition: OK
 Hydrocarbon Thickness: 0.03 ft. Amount Bailed (product/water): 0 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

_____ 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: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 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)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
-	x vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Not sampled due to SPH

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577
 Site Address: 631 Queen Anne North
 City: Seattle, WA

Job Number: 386765
 Event Date: 6-30-03 (inclusive)
 Sampler: BWN

Well ID: MW-9
 Well Diameter: 218 in.
 Total Depth: _____ ft.
 Depth to Water: UTA ft.

Well Condition: Unable to access
 Hydrocarbon Thickness: _____ ft. Amount Bailed (product/water): _____ 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

_____ 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: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ 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
-	x voa vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Unable to access car parked over

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-1-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: MW - 10 Well Condition: OK
 Well Diameter: (2) 1 8 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
 Total Depth: 28,94 ft.
 Depth to Water: 12.91 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

16.03 xVF .17 = 2.7 x3 (case volume) = Estimated Purge Volume: 8 gal.

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

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

Start Time (purge): 900 Weather Conditions: Sunny
 Sample Time/Date: 930 1 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>908</u>	<u>2.5</u>	<u>6.92</u>	<u>304</u>	<u>12.8</u>		
<u>916</u>	<u>5</u>	<u>6.89</u>	<u>302</u>	<u>12.7</u>		
<u>924</u>	<u>8</u>	<u>6.86</u>	<u>299</u>	<u>12.6</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW - 10</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>NORTHCREEK</u>	<u>TPH-G/BTEX</u>
<u>MW - 10</u>	<u>1</u> x amber	<u>YES</u>	<u>HCL</u>	<u>NORTHCREEK</u>	<u>TPH-Dx w/sg</u>
<u>MW - 10</u>	<u>1</u> x 500ml poly	<u>YES</u>	<u>NP</u>	<u>NORTHCREEK</u>	<u>DISSOLVED LEAD</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-1-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: MW-11 Well Condition: OK
 Well Diameter: (2) 1 8 in. Hydrocarbon: Ø Amount Bailed: Ø gal.
 Total Depth: 17.11 ft. Thickness: _____ ft. (product/water): _____ gal.
 Depth to Water: 11.39 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

5.72 xVF .17 = 1 x3 (case volume) = Estimated Purge Volume: 3 gal.

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

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

Start Time (purge): 1100 Weather Conditions: Sunny
 Sample Time/Date: 1115 1 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>1103</u>	<u>1</u>	<u>6.87</u>	<u>330</u>	<u>12.6</u>		
<u>1106</u>	<u>2</u>	<u>6.84</u>	<u>327</u>	<u>12.5</u>		
<u>1109</u>	<u>3</u>	<u>6.82</u>	<u>313</u>	<u>12.4</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-11</u>	<u>3</u> x voa vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
<u>MW-11</u>	<u>1</u> x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
<u>MW-11</u>	<u>1</u> x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-1-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: DB1 - MW 12 Well Condition: ok
 Well Diameter: (2) 1 8 in. Hydrocarbon Thickness: Ø ft. Amount Bailed (product/water): Ø gal.
 Total Depth: 16.13 ft.
 Depth to Water: 11.32 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

4.81 xVF .17 = .8 x3 (case volume) = Estimated Purge Volume: 3 gal.

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

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

Start Time (purge): 940 Weather Conditions: sunny
 Sample Time/Date: 1000 / Water Color: tan 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 (µmhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>943</u>	<u>1</u>	<u>7.24</u>	<u>328</u>	<u>12.7</u>		
<u>946</u>	<u>2</u>	<u>7.20</u>	<u>320</u>	<u>12.6</u>		
<u>949</u>	<u>3</u>	<u>7.18</u>	<u>318</u>	<u>12.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW - 12</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>NORTHCREEK</u>	<u>TPH-G/BTEX</u>
<u>MW - 12</u>	<u>1</u> x amber	<u>YES</u>	<u>HCL</u>	<u>NORTHCREEK</u>	<u>TPH-Dx w/sg</u>
<u>MW - 12</u>	<u>1</u> x 500ml poly	<u>YES</u>	<u>NP</u>	<u>NORTHCREEK</u>	<u>DISSOLVED LEAD</u>

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577
 Site Address: 631 Queen Anne North
 City: Seattle, WA

Job Number: 386765
 Event Date: ~~7-28-03~~ 6-30-03 (inclusive)
 Sampler: BWN

Well ID: DB 2 - (MW 13)
 Well Diameter: 2 1/8 in.
 Total Depth: 19.65 ft.
 Depth to Water: 18.72 ft.

Well Condition: Insuf. water
 Hydrocarbon Thickness: Ø ft. Amount Bailed (product/water): Ø 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

_____ 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: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
-	x vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Insufficient water to sample

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577
 Site Address: 631 Queen Anne North
 City: Seattle, WA

Job Number: 386765
 Event Date: 6-30-03 (inclusive)
 Sampler: BWN

Well ID: DB - 6 (MW 14)
 Well Diameter: 2 1/8 in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft.

Well Condition: VTA
 Hydrocarbon Thickness: Ø ft.
 Amount Bailed (product/water): Ø 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

_____ 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: _____

Start Time (purge): _____
 Sample Time/Date: _____
 Purging Flow Rate: _____ gpm.
 Did well de-water? _____

Weather Conditions: _____
 Water Color: _____ Odor: _____
 Sediment Description: _____
 If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
-	x vov vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Unable to access car parked over

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 6-30-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: DB - 8(LMW 15) Well Condition: UTA
 Well Diameter: 2 / 8 in. Hydrocarbon Amount Bailed
 Total Depth: _____ ft. Thickness: _____ ft. (product/water): _____ gal.
 Depth to Water: UTA 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

_____ 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: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ 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
-	x voa vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Unable to access car parked onGT

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577
 Site Address: 631 Queen Anne North
 City: Seattle, WA

Job Number: 386765
 Event Date: 7-1-03 (inclusive)
 Sampler: BWN

Well ID: DB-9 (MW 16) Well Condition: Unable to access
 Well Diameter: 2 / 8 in. Hydrocarbon Amount Bailed
 Total Depth: _____ ft. Thickness: _____ ft. (product/water): _____ gal.
 Depth to Water: _____ 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

_____ 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: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ 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
-	x vba vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Unable to access car parked over

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-1-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: PB - 10 (MW 17) Well Condition: UTA
 Well Diameter: 2 / 8 in. Hydrocarbon Amount Bailed
 Total Depth: UTA ft. Thickness: _____ ft. (product/water): _____ gal.
 Depth to Water: _____ 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

_____ 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: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: _____
 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)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
-	x vba vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Unable to access car parked over

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-1-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: RW-2 Well Condition: OK
 Well Diameter: 2 1/8 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
 Total Depth: 21.40 ft.
 Depth to Water: 13.72 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 = 7.68 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: _____

Start Time (purge): 1320 Weather Conditions: Sunny
 Sample Time/Date: 1340 / 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>1330</u>	<u>5</u>	<u>7.24</u>	<u>304</u>	<u>12.7</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>RW-2</u>	<u>3</u> x voa vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
<u>RW-2</u>	<u>1</u> x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
<u>RW-2</u>	<u>1</u> x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: One to inaccessible location behind locked gate
Bailed ~ 5 gal then sampled

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 6-30-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: Rw-3 Well Condition: UTL
 Well Diameter: 2 1/8 in. Hydrocarbon Amount Bailed
 Total Depth: _____ ft. Thickness: _____ ft. (product/water): _____ gal.
 Depth to Water: UTL 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

_____ 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: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 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)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
-	x vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Unable to locate in approx. area of sewer grate

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



GETTLER - RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577
 Site Address: 631 Queen Anne North
 City: Seattle, WA

Job Number: 386765
 Event Date: 6-30-03 (inclusive)
 Sampler: BWN

Well ID: RW-4
 Well Diameter: 2 1/8 in.
 Total Depth: _____ ft.
 Depth to Water: VTA ft.

Well Condition: Unable to access
 Hydrocarbon Thickness: _____ ft.
 Amount Bailed (product/water): _____ 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

_____ 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: _____

Start Time (purge): _____
 Sample Time/Date: _____
 Purging Flow Rate: _____ gpm.
 Did well de-water? _____
 Weather Conditions: _____
 Water Color: _____ Odor: _____
 Sediment Description: _____
 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
-	x voa vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
-	x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
-	x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Unable to access car parked over

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211577 Job Number: 386765
 Site Address: 631 Queen Anne North Event Date: 7-1-03 (inclusive)
 City: Seattle, WA Sampler: BWN

Well ID: RW - 5 Well Condition: ok
 Well Diameter: 2 1/8 in. Hydrocarbon Thickness: ∅ ft. Amount Bailed: ∅ gal.
 Total Depth: 14.25 ft.
 Depth to Water: 11.91 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

2.34 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: _____

Start Time (purge): 1400 Weather Conditions: Sunny
 Sample Time/Date: 1415 1 Water Color: gray Odor: slight
 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>1415</u>	<u>2</u>	<u>6.86</u>	<u>302</u>	<u>12.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>RW - 5</u>	<u>3</u> x voa vial	YES	HCL	NORTHCREEK	TPH-G/BTEX
<u>RW - 5</u>	<u>1</u> x amber	YES	HCL	NORTHCREEK	TPH-Dx w/sg
<u>RW - 5</u>	<u>1</u> x 500ml poly	YES	NP	NORTHCREEK	DISSOLVED LEAD

COMMENTS: Due to inaccessible location bailed 2 gal then sampled
In alley between apartments

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

Chevron Product Co.
P.O. Box 6004
San Ramon, CA 94583
FAX: (925) 842-8370

Chevron Facility #: #211577
Facility Address: 631 QUEEN ANNE NORTH, SEATTLE, WA
Consultant Project #: 386765.80
Consultant Name: GETTLER-RYAN INC.
Address: 6747 SIERRA COURT, SUITE J, DUBLIN, CA 94568
Project Contact: (Name) DEANNA L. HARDING
(Phone) 925-551-7555 (Fax) 925-551-7899

Chevron Contact: (Name) BRETT HUNTER
(Phone) 925-842-8898
Laboratory Name: NORTHCREEK
Laboratory Service Order:
Laboratory Service Code:
Samples Collected by: (Name) Ben Newton
Signature: Ben Newton

State Method: CA OR WA NW NV Series CO UT ID

Sample Number	Number of Containers	Matrix S= Soil A=Air W=Water C=Charcoal	Sample Preservation	Date/Time	TPH-G/BTEX+MTBE (8015 +8021)	TPH-G/BTEX (8015 + 8021)	BTEX + MTBE (8260)	TPH Diesel ^{cat} (8015) w/ silica gel	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Cd, Cr, Pb, Zn, Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HClD	TPH-D Extended	Alkalinity/Nitrate/Sulfate	Ferrous Iron	Dissolved Lead	Remarks
QA	1	w	HCl	7/2/03	X																	DISSOLVED LEAD WAS BEEN FILTERED Please BM*
VP 1	5			1245	X	X															X	
VP 2	5			1310	X	X															X	
VP 8	5			1050	X	X															X	
VP 9	5			1025	X	X															X	
MW 4	5			1140	X	X															X	
MW 10	5			930	X	X															X	
MW 11	5			1115	X	X															X	
DB (CMW12)	5			1000	X	X															X	Oxy's (8260)
RW 2	5			1340	X	X															X	1 - MTBE 2 - TBA 3 - TAME 4 - DIPE 5 - ETBE 6 - 1,2-DCA 7 - EDB 8 - ETHANOL
RW 5	5			1415	X	X															X	

Relinquished By (Signature) <i>Ben Newton</i>	Organization GR INC	Date/Time 7-2-03 15:30	Received By (Signature) <i>Mark White</i>	Organization NCA	Date/Time 7/2/03 15:30	Iced (Y/N) U.90	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days <u>As Contracted</u>
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced (Y/N)	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced (Y/N)	

RECEIVED

CASE NARRATIVE for B3G0080

Client: Gettler-Ryan Inc.
Project Manager: Deanna Harding
Project Name: Chevron #21-1577
Project Number: 386765.80

GETTLER RYAN INC.
GENERAL CONTRACTORS

1.0 DESCRIPTION OF CASE

Eleven water samples were received in a single shipment as documented on the associated chain-of-custody. The scheduled analyses for these samples included: Gasoline Hydrocarbons and BTEX by NWTPH-Gx/EPA 8021B, Diesel Range Hydrocarbons by NWTPH-Dx, and Dissolved Lead by EPA 6020.

2.0 COMMENTS ON SAMPLE RECEIPT

The samples were received in the Bothell laboratory on July 2, 2003. The cooler temperature was documented at 4.9 degrees C. upon receipt in the laboratory. All sample containers were received in good condition.

3.0 COMMENTS ON PREPARATION AND ANALYSIS

Gasoline Hydrocarbons and BTEX by NWTPH-Gx/EPA 8021

The samples were originally extracted and analyzed in batch 3G08009. The results were reported on July 17, 2003. Mike Sharaeff from Gettler-Ryan requested that we check the results for sample VP-1 (B3F0080-02). A re-analysis of the extract (Voa Vial A) at 500x dilution showed results that were inconsistent with the original analysis which was performed at 1000x dilution. We had additional volume (Voa Vial B) for the sample so we extracted and analyzed that sample at a 500x dilution in batch 3H08805. Those results were comparable to the re-analysis of Voa Vial A at 500x dilution. The sample was then analyzed at a 10x dilution. The final results are reported from the 10x dilution which was analyzed on August 8, 2003. The sample was out of holding time for the analysis on July 15, 2003.

Diesel Range Hydrocarbons by NWTPH-Dx

No anomalies were associated with sample preparation and analysis. All quality control measures were within acceptable ranges.

Dissolved Lead by EPA 6020

No anomalies or discrepancies were associated with this analysis other than those already qualified in the data. All quality control measures were within acceptable ranges.

Jeanne Garthwaite
Project Manager
North Creek Analytical



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12 August 2003

Deanna Harding
Gettler-Ryan Inc. - Dublin
6747 Sierra Ct, Suite G
Dublin, CA/USA 94568
RE: Chevron #21-1577

RECEIVED
AUG 12 2003
GETTLER-RYAN INC.
GENERAL CONTRACTORS

Enclosed are **amended** results of analyses for samples received by the laboratory on 07/02/03 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Jeanne Garthwaite'. The signature is written in a cursive, flowing style.

Jeanne Garthwaite
Project Manager



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Gettler-Ryan Inc. - Dublin
6747 Sierra Ct, Suite G
Dublin, CA/USA 94568

Project: Chevron #21-1577
Project Number: 386765.80
Project Manager: Deanna Harding

Amended Report
Issued: 08/12/03 16:06

ANALYTICAL REPORT FOR SAMPLES - Amended

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
QA	B3G0080-01	Water	07/01/03 12:00	07/02/03 15:30
VP 1	B3G0080-02	Water	07/01/03 12:45	07/02/03 15:30
VP 2	B3G0080-03	Water	07/01/03 13:10	07/02/03 15:30
VP 8	B3G0080-04	Water	07/01/03 10:50	07/02/03 15:30
VP 9	B3G0080-05	Water	07/01/03 10:25	07/02/03 15:30
MW 4	B3G0080-06	Water	07/01/03 11:40	07/02/03 15:30
MW 10	B3G0080-07	Water	07/01/03 09:30	07/02/03 15:30
MW 11	B3G0080-08	Water	07/01/03 11:15	07/02/03 15:30
DB (MW 12)	B3G0080-09	Water	07/01/03 10:00	07/02/03 15:30
RW 2	B3G0080-10	Water	07/01/03 13:40	07/02/03 15:30
RW 5	B3G0080-11	Water	07/01/03 14:15	07/02/03 15:30

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CENTRAL CONTRACTORS

North Creek Analytical - Bothell

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Jeanne Garthwaite

Jeanne Garthwaite, Project Manager

North Creek Analytical, Inc.
Environmental Laboratory Network



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Gettler-Ryan Inc. - Dublin
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Project: Chevron #21-1577
 Project Number: 386765.80
 Project Manager: Deanna Harding

Amended Report
 Issued: 08/12/03 16:06

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
QA (B3G0080-01) Water Sampled: 07/01/03 12:00 Received: 07/02/03 15:30									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	3G08009	07/08/03	07/08/03	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	102 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	109 %	72-127			"	"	"	"	
VP 1 (B3G0080-02RE1) Water Sampled: 07/01/03 12:45 Received: 07/02/03 15:30 I-02, X									
Gasoline Range Hydrocarbons	8000	500	ug/l	10	3H08005	08/08/03	08/08/03	NWTPH-Gx/8021B	
Benzene	36.8	5.00	"	"	"	"	"	"	
Toluene	49.2	5.00	"	"	"	"	"	"	
Ethylbenzene	47.1	5.00	"	"	"	"	"	"	
Xylenes (total)	618	10.0	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	112 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	107 %	72-127			"	"	"	"	
VP 2 (B3G0080-03) Water Sampled: 07/01/03 13:10 Received: 07/02/03 15:30									
Gasoline Range Hydrocarbons	3330	250	ug/l	5	3G08009	07/08/03	07/08/03	NWTPH-Gx/8021B	
Benzene	180	2.50	"	"	"	"	"	"	
Toluene	58.8	2.50	"	"	"	"	"	"	
Ethylbenzene	32.4	2.50	"	"	"	"	"	"	
Xylenes (total)	510	5.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	103 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	112 %	72-127			"	"	"	"	

North Creek Analytical - Bothell

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Jeanne Garthwaite

Jeanne Garthwaite, Project Manager

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 Environmental Laboratory Network



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Project: Chevron #21-1577
 Project Number: 386765.80
 Project Manager: Deanna Harding

Amended Report
 Issued: 08/12/03 16:06

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP 8 (B3G0080-04) Water Sampled: 07/01/03 10:50 Received: 07/02/03 15:30									
Gasoline Range Hydrocarbons	379	100	ug/l	2	3G08009	07/08/03	07/08/03	NWTPH-Gx/8021B	
Benzene	2.68	1.00	"	"	"	"	"	"	
Toluene	1.57	1.00	"	"	"	"	"	"	
Ethylbenzene	3.70	1.00	"	"	"	"	"	"	
Xylenes (total)	4.69	2.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	101 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	122 %	72-127			"	"	"	"	
VP 9 (B3G0080-05) Water Sampled: 07/01/03 10:25 Received: 07/02/03 15:30									
Gasoline Range Hydrocarbons	681	50.0	ug/l	1	3G08009	07/08/03	07/08/03	NWTPH-Gx/8021B	
Benzene	1.22	0.500	"	"	"	"	"	"	
Toluene	0.735	0.500	"	"	"	"	"	"	
Ethylbenzene	5.07	0.500	"	"	"	"	"	"	
Xylenes (total)	3.28	1.00	"	"	"	"	"	"	I-06
Surrogate: 4-BFB (FID)	162 %	62-127			"	"	"	"	S-04
Surrogate: 4-BFB (PID)	134 %	72-127			"	"	"	"	S-04
MW 4 (B3G0080-06) Water Sampled: 07/01/03 11:40 Received: 07/02/03 15:30									
Gasoline Range Hydrocarbons	108000	50000	ug/l	1000	3G08009	07/08/03	07/08/03	NWTPH-Gx/8021B	
Benzene	12100	500	"	"	"	"	"	"	
Toluene	11200	500	"	"	"	"	"	"	
Ethylbenzene	2630	500	"	"	"	"	"	"	
Xylenes (total)	15300	1000	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	96.9 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	111 %	72-127			"	"	"	"	

North Creek Analytical - Bothell

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Jeanne Garthwaite, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



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Project: Chevron #21-1577
 Project Number: 386765.80
 Project Manager: Deanna Harding

Amended Report
 Issued: 08/12/03 16:06

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 10 (B3G0080-07) Water Sampled: 07/01/03 09:30 Received: 07/02/03 15:30									
Gasoline Range Hydrocarbons	255	50.0	ug/l	1	3G08009	07/08/03	07/08/03	NWTPH-Gx/8021B	
Benzene	2.01	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	1-06
Ethylbenzene	0.535	0.500	"	"	"	"	"	"	1-06
Xylenes (total)	2.53	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	107 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	113 %	72-127			"	"	"	"	
MW 11 (B3G0080-08) Water Sampled: 07/01/03 11:15 Received: 07/02/03 15:30									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	3G08009	07/08/03	07/08/03	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	95.0 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	114 %	72-127			"	"	"	"	
DB (MW 12) (B3G0080-09) Water Sampled: 07/01/03 10:00 Received: 07/02/03 15:30									
Gasoline Range Hydrocarbons	1040	50.0	ug/l	1	3G08009	07/08/03	07/08/03	NWTPH-Gx/8021B	1-06
Benzene	2.91	0.500	"	"	"	"	"	"	1-06
Toluene	1.05	0.500	"	"	"	"	"	"	
Ethylbenzene	10.0	0.500	"	"	"	"	"	"	
Xylenes (total)	26.5	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	111 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	102 %	72-127			"	"	"	"	

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeanne Garthwaite

Jeanne Garthwaite, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



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Project: Chevron #21-1577
 Project Number: 386765.80
 Project Manager: Deanna Harding

Amended Report
 Issued: 08/12/03 16:06

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
RW 2 (B3G0080-10) Water Sampled: 07/01/03 13:40 Received: 07/02/03 15:30									
Gasoline Range Hydrocarbons	2380	500	ug/l	10	3G08009	07/08/03	07/08/03	NWTPH-Gx/8021B	
Benzene	53.5	5.00	"	"	"	"	"	"	
Toluene	8.72	5.00	"	"	"	"	"	"	
Ethylbenzene	39.8	5.00	"	"	"	"	"	"	
Xylenes (total)	43.2	10.0	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	103 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	115 %	72-127			"	"	"	"	
RW 5 (B3G0080-11) Water Sampled: 07/01/03 14:15 Received: 07/02/03 15:30									
Gasoline Range Hydrocarbons	2170	500	ug/l	10	3G08009	07/08/03	07/08/03	NWTPH-Gx/8021B	
Benzene	34.6	5.00	"	"	"	"	"	"	
Toluene	20.3	5.00	"	"	"	"	"	"	
Ethylbenzene	8.10	5.00	"	"	"	"	"	"	
Xylenes (total)	1050	10.0	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	66.2 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	118 %	72-127			"	"	"	"	

North Creek Analytical - Bothell

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Jeanne Garthwaite, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



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Project: Chevron #21-1577
 Project Number: 386765.80
 Project Manager: Deanna Harding

Amended Report
 Issued: 08/12/03 16:06

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP 1 (B3G0080-02) Water Sampled: 07/01/03 12:45 Received: 07/02/03 15:30									
Diesel Range Hydrocarbons	20.2	2.50	mg/l	10	3G06004	07/06/03	07/07/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	1.75	0.500	"	1	"	"	07/07/03	"	
Surrogate: 2-FBP	100 %	50-150			"	"	07/07/03	"	
Surrogate: Octacosane	110 %	50-150			"	"	07/07/03	"	
VP 2 (B3G0080-03) Water Sampled: 07/01/03 13:10 Received: 07/02/03 15:30									
Diesel Range Hydrocarbons	35.9	2.50	mg/l	10	3G06004	07/06/03	07/08/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	1.38	0.500	"	1	"	"	07/07/03	"	
Surrogate: 2-FBP	73.1 %	50-150			"	"	07/08/03	"	
Surrogate: Octacosane	102 %	50-150			"	"	07/07/03	"	
VP 8 (B3G0080-04) Water Sampled: 07/01/03 10:50 Received: 07/02/03 15:30									
Diesel Range Hydrocarbons	0.939	0.250	mg/l	1	3G06004	07/06/03	07/07/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	80.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	87.9 %	50-150			"	"	"	"	
VP 9 (B3G0080-05) Water Sampled: 07/01/03 10:25 Received: 07/02/03 15:30									
Diesel Range Hydrocarbons	ND	0.250	mg/l	1	3G06004	07/06/03	07/07/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	70.5 %	50-150			"	"	"	"	
Surrogate: Octacosane	72.1 %	50-150			"	"	"	"	
MW 4 (B3G0080-06) Water Sampled: 07/01/03 11:40 Received: 07/02/03 15:30									
Diesel Range Hydrocarbons	3.91	0.250	mg/l	1	3G06004	07/06/03	07/07/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	122 %	50-150			"	"	"	"	
Surrogate: Octacosane	88.1 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Jeanne Garthwaite

Jeanne Garthwaite, Project Manager

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Gettler-Ryan Inc. - Dublin
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Project: Chevron #21-1577
 Project Number: 386765.80
 Project Manager: Deanna Harding

Amended Report
 Issued: 08/12/03 16:06

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 10 (B3G0080-07) Water Sampled: 07/01/03 09:30 Received: 07/02/03 15:30									
Diesel Range Hydrocarbons	ND	0.250	mg/l	1	3G06004	07/06/03	07/07/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	73.2 %	50-150			"	"	"	"	
Surrogate: Octacosane	77.8 %	50-150			"	"	"	"	
MW 11 (B3G0080-08) Water Sampled: 07/01/03 11:15 Received: 07/02/03 15:30									
Diesel Range Hydrocarbons	ND	0.250	mg/l	1	3G06004	07/06/03	07/07/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	77.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	86.7 %	50-150			"	"	"	"	
DB (MW 12) (B3G0080-09) Water Sampled: 07/01/03 10:00 Received: 07/02/03 15:30									
Diesel Range Hydrocarbons	1.69	0.250	mg/l	1	3G06004	07/06/03	07/07/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	68.5 %	50-150			"	"	"	"	
Surrogate: Octacosane	82.8 %	50-150			"	"	"	"	
RW 2 (B3G0080-10) Water Sampled: 07/01/03 13:40 Received: 07/02/03 15:30									
Diesel Range Hydrocarbons	0.505	0.250	mg/l	1	3G06004	07/06/03	07/07/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	76.8 %	50-150			"	"	"	"	
Surrogate: Octacosane	75.2 %	50-150			"	"	"	"	
RW 5 (B3G0080-11) Water Sampled: 07/01/03 14:15 Received: 07/02/03 15:30									
Diesel Range Hydrocarbons	8.01	0.500	mg/l	2	3G06004	07/06/03	07/08/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	1	"	"	07/07/03	"	
Surrogate: 2-FBP	102 %	50-150			"	"	07/08/03	"	
Surrogate: Octacosane	75.9 %	50-150			"	"	07/07/03	"	

North Creek Analytical - Bothell

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Project: Chevron #21-1577
 Project Number: 386765.80
 Project Manager: Deanna Harding

Amended Report
 Issued: 08/12/03 16:06

Dissolved Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP 1 (B3G0080-02) Water	Sampled: 07/01/03 12:45 Received: 07/02/03 15:30								Q-30
Lead	0.0132	0.00100	mg/l	1	3G03016	07/03/03	07/03/03	EPA 6020	
VP 2 (B3G0080-03) Water	Sampled: 07/01/03 13:10 Received: 07/02/03 15:30								Q-30
Lead	0.00397	0.00100	mg/l	1	3G03016	07/03/03	07/03/03	EPA 6020	
VP 8 (B3G0080-04) Water	Sampled: 07/01/03 10:50 Received: 07/02/03 15:30								Q-30
Lead	0.00206	0.00100	mg/l	1	3G03016	07/03/03	07/03/03	EPA 6020	
VP 9 (B3G0080-05) Water	Sampled: 07/01/03 10:25 Received: 07/02/03 15:30								Q-30
Lead	ND	0.00100	mg/l	1	3G03016	07/03/03	07/03/03	EPA 6020	
MW 4 (B3G0080-06) Water	Sampled: 07/01/03 11:40 Received: 07/02/03 15:30								Q-30
Lead	0.00785	0.00100	mg/l	1	3G03016	07/03/03	07/03/03	EPA 6020	
MW 10 (B3G0080-07) Water	Sampled: 07/01/03 09:30 Received: 07/02/03 15:30								Q-30
Lead	ND	0.00100	mg/l	1	3G03016	07/03/03	07/03/03	EPA 6020	
MW 11 (B3G0080-08) Water	Sampled: 07/01/03 11:15 Received: 07/02/03 15:30								Q-30
Lead	ND	0.00100	mg/l	1	3G03016	07/03/03	07/03/03	EPA 6020	
DB (MW 12) (B3G0080-09) Water	Sampled: 07/01/03 10:00 Received: 07/02/03 15:30								Q-30
Lead	ND	0.00100	mg/l	1	3G03016	07/03/03	07/03/03	EPA 6020	
RW 2 (B3G0080-10) Water	Sampled: 07/01/03 13:40 Received: 07/02/03 15:30								Q-30
Lead	0.00143	0.00100	mg/l	1	3G03016	07/03/03	07/03/03	EPA 6020	

North Creek Analytical - Bothell

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Project: Chevron #21-1577
Project Number: 386765.80
Project Manager: Deanna Harding

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Dissolved Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
RW 5 (B3G0080-11) Water Sampled: 07/01/03 14:15 Received: 07/02/03 15:30 Q-30									
Lead	0.0198	0.00100	mg/l	1	3G03016	07/03/03	07/03/03	EPA 6020	

North Creek Analytical - Bothell

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Project: Chevron #21-1577
 Project Number: 386765.80
 Project Manager: Deanna Harding

Amended Report
 Issued: 08/12/03 16:06

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3G08009: Prepared 07/08/03 Using EPA 5030B (P/T)

Blank (3G08009-BLK1)

Gasoline Range Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Surrogate: 4-BFB (FID)	47.3		"	48.0		98.5	62-127			
Surrogate: 4-BFB (PID)	54.2		"	48.0		113	72-127			

LCS (3G08009-BS1)

Gasoline Range Hydrocarbons	523	50.0	ug/l	500		105	80-120			
Benzene	6.25	0.500	"	6.65		94.0	80-120			
Toluene	32.9	0.500	"	37.0		88.9	80-120			
Ethylbenzene	8.91	0.500	"	8.55		104	80-120			
Xylenes (total)	41.0	1.00	"	43.0		95.3	80-120			
Surrogate: 4-BFB (FID)	53.9		"	48.0		112	62-127			
Surrogate: 4-BFB (PID)	50.1		"	48.0		104	72-127			

LCS Dup (3G08009-BSD1)

Gasoline Range Hydrocarbons	533	50.0	ug/l	500		107	80-120	1.89	25	
Benzene	6.38	0.500	"	6.65		95.9	80-120	2.06	40	
Toluene	33.6	0.500	"	37.0		90.8	80-120	2.11	40	
Ethylbenzene	9.12	0.500	"	8.55		107	80-120	2.33	40	
Xylenes (total)	41.9	1.00	"	43.0		97.4	80-120	2.17	40	
Surrogate: 4-BFB (FID)	54.8		"	48.0		114	62-127			
Surrogate: 4-BFB (PID)	50.2		"	48.0		105	72-127			

Matrix Spike (3G08009-MS1)

Source: B3G0071-02

Gasoline Range Hydrocarbons	457	50.0	ug/l	500	21.0	87.2	72-119			
Benzene	6.41	0.500	"	6.65	0.0720	95.3	70-129			
Toluene	33.4	0.500	"	37.0	0.218	89.7	73-114			
Ethylbenzene	8.97	0.500	"	8.55	0.117	104	82-120			
Xylenes (total)	41.4	1.00	"	43.0	0.432	95.3	74-118			
Surrogate: 4-BFB (FID)	48.9		"	48.0		102	62-127			
Surrogate: 4-BFB (PID)	51.0		"	48.0		106	72-127			

North Creek Analytical - Bothell

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Project: Chevron #21-1577
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Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3G08009: Prepared 07/08/03 Using EPA 5030B (P/T)

Matrix Spike Dup (3G08009-MSD1)

Source: B3G0071-02

Gasoline Range Hydrocarbons	487	50.0	ug/l	500	21.0	93.2	72-119	6.36	25	
Benzene	5.17	0.500	"	6.65	0.0720	76.7	70-129	21.4	40	
Toluene	26.9	0.500	"	37.0	0.218	72.1	73-114	21.6	40	Q-01
Ethylbenzene	7.26	0.500	"	8.55	0.117	83.5	82-120	21.1	40	
Xylenes (total)	33.3	1.00	"	43.0	0.432	76.4	74-118	21.7	40	
Surrogate: 4-BFB (FID)	52.9		"	48.0		110	62-127			
Surrogate: 4-BFB (PID)	42.3		"	48.0		88.1	72-127			

Batch 3H08005: Prepared 08/08/03 Using EPA 5030B (P/T)

Blank (3H08005-BLK1)

Gasoline Range Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Surrogate: 4-BFB (FID)	41.9		"	48.0		87.3	62-127			
Surrogate: 4-BFB (PID)	47.6		"	48.0		99.2	72-127			

LCS (3H08005-BS1)

Gasoline Range Hydrocarbons	450	50.0	ug/l	500		90.0	80-120			
Benzene	6.18	0.500	"	6.65		92.9	80-120			
Toluene	33.6	0.500	"	37.0		90.8	80-120			
Ethylbenzene	8.79	0.500	"	8.55		103	80-120			
Xylenes (total)	41.7	1.00	"	43.0		97.0	80-120			
Surrogate: 4-BFB (FID)	48.5		"	48.0		101	62-127			
Surrogate: 4-BFB (PID)	46.6		"	48.0		97.1	72-127			

North Creek Analytical - Bothell

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Project: Chevron #21-1577
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Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Quality Control

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3H08005: Prepared 08/08/03 Using EPA 5030B (P/T)

LCS Dup (3H08005-BSD1)

Gasoline Range Hydrocarbons	454	50.0	ug/l	500		90.8	80-120	0.885	25	
Benzene	6.10	0.500	"	6.65		91.7	80-120	1.30	40	
Toluene	33.6	0.500	"	37.0		90.8	80-120	0.00	40	
Ethylbenzene	8.67	0.500	"	8.55		101	80-120	1.37	40	
Xylenes (total)	41.4	1.00	"	43.0		96.3	80-120	0.722	40	
Surrogate: 4-BFB (FID)	48.6		"	48.0		101	62-127			
Surrogate: 4-BFB (PID)	46.7		"	48.0		97.3	72-127			

Source: B3G0702-09

Matrix Spike (3H08005-MS1)

Gasoline Range Hydrocarbons	426	50.0	ug/l	500	11.3	82.9	72-119			
Benzene	6.15	0.500	"	6.65	ND	92.5	70-129			
Toluene	34.8	0.500	"	37.0	0.136	93.7	73-114			
Ethylbenzene	8.91	0.500	"	8.55	0.158	102	82-120			
Xylenes (total)	42.5	1.00	"	43.0	0.418	97.9	74-118			
Surrogate: 4-BFB (FID)	47.4		"	48.0		98.8	62-127			
Surrogate: 4-BFB (PID)	49.7		"	48.0		104	72-127			

Source: B3G0702-09

Matrix Spike Dup (3H08005-MSD1)

Gasoline Range Hydrocarbons	410	50.0	ug/l	500	11.3	79.7	72-119	3.83	25	
Benzene	5.80	0.500	"	6.65	ND	87.2	70-129	5.86	40	
Toluene	32.9	0.500	"	37.0	0.136	88.6	73-114	5.61	40	
Ethylbenzene	8.30	0.500	"	8.55	0.158	95.2	82-120	7.09	40	
Xylenes (total)	40.2	1.00	"	43.0	0.418	92.5	74-118	5.56	40	
Surrogate: 4-BFB (FID)	47.2		"	48.0		98.3	62-127			
Surrogate: 4-BFB (PID)	48.1		"	48.0		100	72-127			

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Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3G06004: Prepared 07/06/03 Using EPA 3520C

Blank (3G06004-BLK1)

Diesel Range Hydrocarbons	ND	0.250	mg/l							
Lube Oil Range Hydrocarbons	ND	0.500	"							
Surrogate: 2-FBP	0.255		"	0.320		79.7	50-150			
Surrogate: Octacosane	0.156		"	0.160		97.5	50-150			

LCS (3G06004-BS1)

Diesel Range Hydrocarbons	1.88	0.250	mg/l	2.00		94.0	45-105			
Surrogate: 2-FBP	0.251		"	0.320		78.4	50-150			

LCS Dup (3G06004-BSD1)

Diesel Range Hydrocarbons	2.01	0.250	mg/l	2.00		100	45-105	6.68	50	
Surrogate: 2-FBP	0.287		"	0.320		89.7	50-150			

North Creek Analytical - Bothell

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Project: Chevron #21-1577
 Project Number: 386765.80
 Project Manager: Deanna Harding

Amended Report
 Issued: 08/12/03 16:06

Dissolved Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3G03016: Prepared 07/03/03 Using EPA 3005A										
Blank (3G03016-BLK1)										
Lead	ND	0.00100	mg/l							
LCS (3G03016-BS1)										
Lead	0.195	0.00100	mg/l	0.200		97.5	80-120			
LCS Dup (3G03016-BSD1)										
Lead	0.196	0.00100	mg/l	0.200		98.0	80-120	0.512	20	
Matrix Spike (3G03016-MS1)										
Source: B3G0080-02										
Lead	0.107	0.00100	mg/l	0.100	0.0132	93.8	75-125			
Matrix Spike Dup (3G03016-MSD1)										
Source: B3G0080-02										
Lead	0.108	0.00100	mg/l	0.100	0.0132	94.8	75-125	0.930	20	

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Notes and Definitions

- I-02 This sample was analyzed outside of the recommended holding time.
- I-06 The analyte concentration may be artificially elevated due to coeluting compounds or components.
- Q-01 The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
- Q-30 This sample was laboratory filtered since it was not field filtered as is required by the methodology.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- X See case narrative.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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