

February 25, 2004 Job #386765

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

RE: Event of January 21, 22, and 23, 2004

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 one well (VP-4). 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

Hagop Kevork Professional Engineer

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

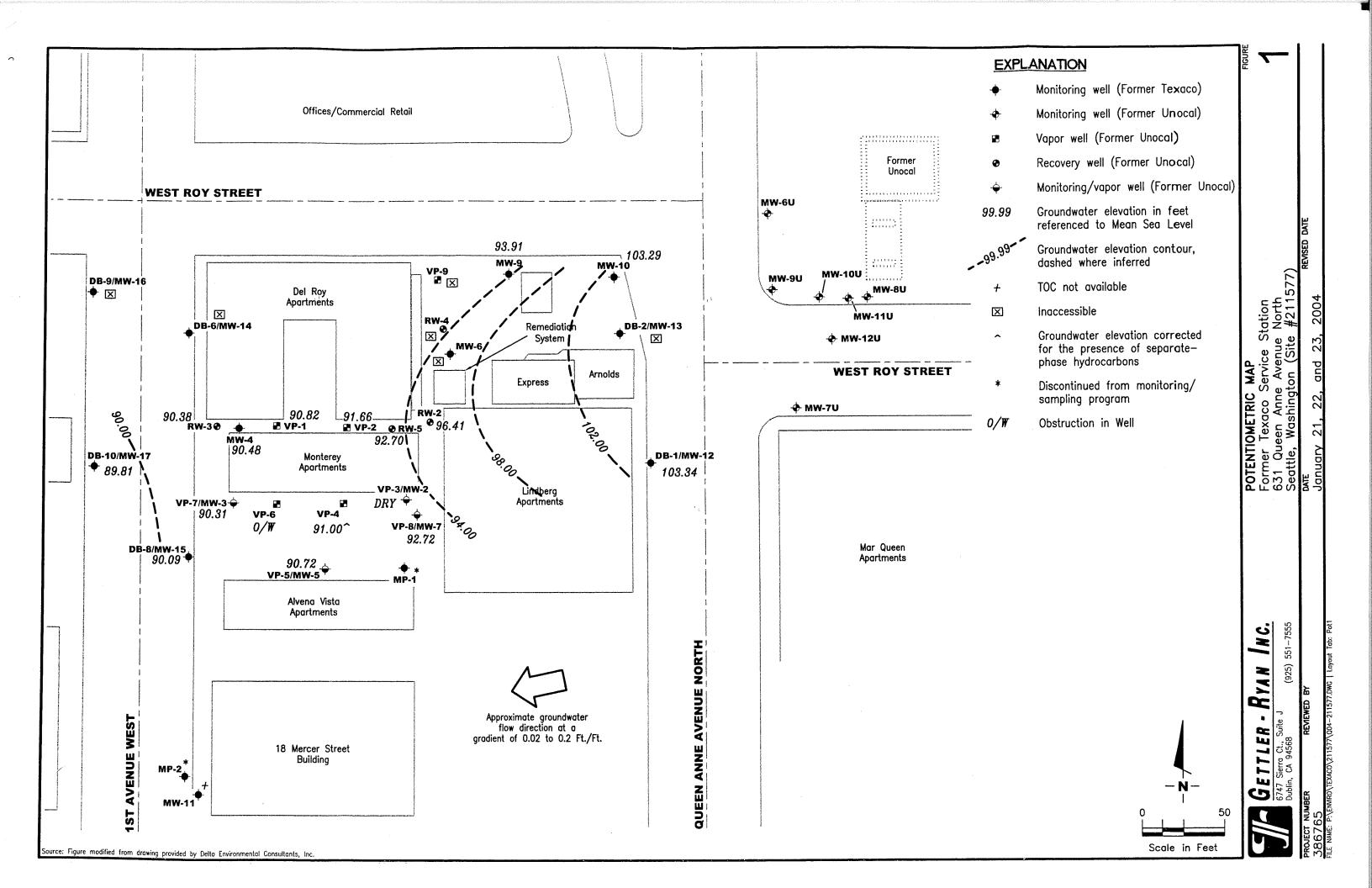


Table 1 Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211577)

						Seattle, Wash	ington					
WELL ID/ FOC*(fi.)	DATE	DTP (ft.)	DTW (ft.)	SPHT <i>(fi.)</i>	GWE (msl)	TPH-D (ppb)	ТРН-О <i>(ppb)</i>	TPH-G (ppb)	В <i>(ppb)</i>	T (ppb)	E (ppb)	X (pph)
											200	4,600
VP-1			11.59	0.00	91.44	18,000	1,500 ¹	35,000	120	820	280	4,800
103.03	07/24/02			0.00	90.33	7,500 [†]	598 ^{1,2}	27,300	170	756	334	
	10/17-18/02		12.70	0.00	90.33	14,2001	8071,2	36,700	90.5	801	500	6,630
	01/21/03		12.70	0.00	91.40	2,830 ¹	<500 ¹	24,200	110	136	225	2,780
	04/23-24/03		11.63	0.00	90.82	20,2001	1,750 ¹	$8,000^{7}$	36.8 ⁷	49.27	47.1 ⁷	6187
	06/30-07/01/03		12.21	0.00	89.92	40,0001	6,3001	7,600	56	47	22	690
	10/01-02/03		13.11	0.00	90.82	17,000 ¹	3,200 ¹	4,500	11	6.2	<20	85
	01/21-23/04		12.21	0.00	90.02	- 1,	ŕ					
VP-2												 .
04.72	07/24/02	UNABLE	TO LOCATE			NOT CAMPLE	DUE TO I	NSUFFICIENT V	WATER			
	10/17-18/02		13.60		0.00 91.09	NOT SAMPLE		SUFFICIENT V	WATER			·
	01/21/03		13.63				<250 ^t	6,230	549	42.6	106	1,120
	04/23-24/03		12.15	0.00	92.57	12,1001	1,380 ¹	3,330	180	58.8	32.4	510
	06/30-07/01/03		12.51	0.00	92.21	35,900 ¹						
	10/01-02/03		14.12	0.00	90.60			NSUFFICIENT ' 1,700	69	16	<10	210
	01/21-23/04		13.06	0.00	91.66	480,000 ¹	<56,000 ^t	1,700	U)			
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	B DRY							WATER		<u></u>	**
	10/01-02/03		9.05	0.00	95.70	NOT SAMPLE	ED DUE TO	INSUFFICIENT				
	01/21-23/04	DRY							•••			

Table 1 Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211577)

WELL ID/	DATE	DTP	DTW	SPHT	GWE	TPH-D	TPH-O	TPH-G	В		E	X
TOC*(ft.)		(ft.)	(ft.)	(ft.)	(msl)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(pph)
VP-4												
103.35	07/24/02		11.89	0.00	91.46	78,000 ¹	<9,700 ¹	89,000	7,300	7,500	1,900	13,000
	10/17-18/02	12.75	12.78	0.03	90.59***	NOT SAMPLE	D DUE TO THE	PRESENCE OF	SPH			~-
	01/21/03	12.61	12.71	0.10	90.72***	NOT SAMPLE	D DUE TO THE	PRESENCE OF	SPH			
	04/23-24/03	11.72	11.75	0.03	91.62***	NOT SAMPLE	D DUE TO THE	PRESENCE OF	SPH			
	06/30-07/01/03	12.31	12.34	0.03	91.03***	NOT SAMPLE	D DUE TO THE	PRESENCE OF	SPH			
	10/01-02/03	13.26	13.29	0.03	90.08**	NOT SAMPLE	D DUE TO THE	PRESENCE OF	SPH			
	01/21-23/04	12.34	12.37	0.03	91.00**	NOT SAMPLI	ED DUE TO TH	E PRESENCE O)F SPH			
VP-5 (MW-5)												
102.63	07/24/02	INACCESS	IBLE - VEHI	CLE PARKE	D OVER W	ELL						
	10/17-18/02		12.31	0.00	90.32	3,900 ¹	<500 ¹	15,900	318	49.3	880	1,870
	01/21/03	INACCESS	IBLE - VEHI	CLE PARKE	D OVER W	ELL						
	04/23-24/03	INACCESS	IBLE - VEHI	CLE PARKE	D OVER W	ELL						
	06/30-07/01/03	INACCESS	IBLE - VEHI	CLE PARKE	D OVER WI	ELL						
	10/01-02/03		12.81	0.00	89.82	1,5001	270¹	22,000	330	76	1,000	2,200
	01/21-23/04		11.91	0.00	90.72	1,5001	310 ¹	19,000	310	100	980	1,600
VP-6												
101.90	07/24/02	10.60	12.18	1.58	90.98***	NOT SAMPLE	D DUE TO THE	PRESENCE OF	SPH			
	10/17-18/02	11.35	12.00	0.65	90.42***	NOT SAMPLE	D DUE TO THE	PRESENCE OF	SPH			
	01/21/03	11.27	12.90	1.63	90.30***	NOT SAMPLE	D DUE TO THE	PRESENCE OF	SPH			
	04/23-24/03	10.75	10.90	0.15	91.12***	NOT SAMPLE	D DUE TO THE	PRESENCE OF	SPH			
	06/30-07/01/03	11.32	11.54	0.22	90.54***	NOT SAMPLE	D DUE TO THE	PRESENCE OF	SPH			
	10/01-02/03	12.12	12.91	0.79	89.62**	NOT SAMPLE	D DUE TO THE	PRESENCE OF	SPH			
	01/21-23/04	NOT MON	ITORED/SA	MPLED DU	E TO WELL	L OBSTRUCTIO	N AT 2 41 EEI	7 ar				

Table 1
Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211577)

						Seattle, Wash	ington					
WELL ID/ TOC*(ft.)	DATE	DTP (fl.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-D <i>(ppb)</i>	ТРН-О <i>(ppb)</i>	ТРН-G <i>(ppb)</i>	B (ppb)	T (ppb)	E <i>(pph)</i>	X (pph)
<u> </u>									÷			
VP-7 (MW-3)						,	l	60.000	8,200	7,000	1,500	8,300
100.40	07/24/02		9.74	0.00	90.66	5,800	580 ¹	60,000	11,100	5,880	1,940	10,800
100.40	10/17-18/02		10.57	0.00	89.83	5,1601	510 ^{1,2}	71,600	9,440	1,470	1,360	6,190
	01/21/03		10.29	0.00	90.11	714 ^{1.4}	<500 ¹	41,600	9,440 	<u></u>		
	04/23-24/03	INACCESSIB	LE - VEHIC	LE PARKE	D OVER WE	LL						
	06/30-07/01/03	10.08	10.11	0.03	90.31***	NOT SAMPLED		PRESENCE OF	10,000	4,500	2,000	10,000
	10/01-02/03		10.98	0.00	89.42	3,8001	520¹	61,000	660	69	70	350
	01/21-23/04		10.09	0.00	90.31	<250 ¹	<250 ¹	1,700	000	w,		
VP-8 (MW-7)							420 ¹	1,500	9.4	9.2	34	50
104.88	07/24/02		11.70	0.00	93.18	1,8001		552	9.75	1.45	4.25	5.73
	10/17-18/02		12.78	0.00	92.10	1,8301	<500 ¹	1,910	139	291	59.1	216
	01/21/03		12.63	0.00	92.25	1,1201	<500¹ <500¹	700	65.6	35.7	. 22.9	69.8
	04/23-24/03		10.72	0.00	94.16	800 ¹	<500 ¹	379	2.68	1.57	3.70	4.69
	06/30-07/01/03		12.45	0.00	92.43	939 ¹			3.4	1.2	5.8	11
	10/01-02/03		13.49	0.00	91.39	19,0001	2,100 ¹	290	<0.5	< 0.5	<0.5	<1.5
	01/21-23/04		12.16	0.00	92.72	3,4001	620 ¹	89	~0.5	ν	V.	
VP-9										20		
112.35	07/24/02	INACCESSII					786 ^{1,2}	 1,910	11.3	2.62	8.86	14.7
	10/17-18/02		11.90	0.00	100.45	13,200 ¹				2.02		
	01/21/03	INACCESSI				ELL		 -50.0	<0.500	< 0.500	< 0.500	<1.00
	04/23-24/03		8.28	0.00	104.07	<250 ¹	<500 ¹	<50.0 681	1.22	0.735	5.07	3.28
	06/30-07/01/03		9.74	0.00	102.61	<250 ¹	<500 ¹		5.3	1.4	2.3	<10
	10/01-02/03 01/21-23/04	 INACCESS	11.72 IBLE - VEH	0.00 HCLE PAR	100.63 RKED OVER	5,400 ¹ WELL	1,300 ¹	1,600	J.J 			

Table 1
Groundwater Monitoring Data and Analytical Results

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

WELL ID	/	DATE	DTP	DTW	SPHT	GWE	TPH-D	TPH-O	TPH-G	В	T T	E	X
TOC*(ft.)			(ft.)	(fi.)	(fi.)	(msl)	(ppb)	(pph)	(pph)	в (pph)	(pph)	(pph)	X (pph)
								V. F. W.	SEE SEE	Ser	GF-22	ggazz	(PP)
MW-4													
102.07		07/24/02		11.18	0.00	90.89	10,000	680 ¹	83,000	11,000	9,900	1,800	11,000
		10/17-18/02		11.98	0.00	90.09	9,860 ¹	697 ^{1,2}	110,000	14,500	11,600	2,630	15,200
	(D)	10/17-18/02					7,1001	<500 ¹	92,400	12,400	9,980	2,090	12,200
		01/21/03		11.81	0.00	90.26	$2,540^{1.5}$	<500 ¹	80,000	10,700	10,100	1,920	11,700
		04/23-24/03		11.03	0.00	91.04	1,680 ¹	<500 ¹	79,300	8,990	7,350	1,780	10,300
		06/30-07/01/03		11.55	0.00	90.52	3,910 ¹	<500¹	108,000	12,100	11,200	2,630	15,300
		10/01-02/03		12.46	0.00	89.61	$3,800^{1}$	<500 ¹	100,000	9,700	11,000	2,000	12,000
		01/21-23/04		11.59	0.00	90.48	62,000 ¹	2,8001	93,000	11,000	10,000	1,800	12,000
									,	,	,	,	,
MW-6													
113.32		07/24/02		19.76	0.00	93.56	29,000 ¹	<10,000	31,000	8,900	1,600	820	4,200
		10/17-18/02	20.64	20.69	0.05	92.67***	NOT SAMPLE	D DUE TO THE	E PRESENCE O	F SPH			
		01/21/03	21.71	21.74	0.03	91.60***	NOT SAMPLE	D DUE TO THE	E PRESENCE O	F SPH			
		04/23-24/03	20.88	20.91	0.03	92.43***	NOT SAMPLE	D DUE TO THE	E PRESENCE O	FSPH			
		06/30-07/01/03	21.38	21.41	0.03	91.93***	NOT SAMPLE	D DUE TO THE	E PRESENCE O	F SPH			
		10/01-02/03	23.04	23.07	0.03	90.27**		D DUE TO THE			••	***	
		01/21-23/04	INACCESS	IBLE - JUNE	CED VEHIC	CLE OVER	WELL						
MW-9													
114.27		10/17-18/02		20.88	0.00	93.39	43,600 ¹	671 ^{1,2}	6,380	493	13.0	230	107
		01/21/03	NACCESSI	BLE - VEHIC	CLE PARKE	ED OVER WI	ELL						
		04/23-24/03		20.04	0.00	94.23	3,680 ¹	<500 ¹	6,760	388	15.9	277	105
		06/30-07/01/03 1	NACCESSI	BLE - VEHIC	CLE PARKE	ED OVER WI	ELL						
		10/01-02/03		21.26 -	0.00	93.01	33,000 ¹	<5,000 ¹	3,500	110	30	100	<100
		01/21-23/04		20.36	0.00	93.91	100,000 ¹	<5,100 ¹	2,300	7.2	2.4	45	19

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Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211577)

						Seattle, Washi	ngton					
WELL ID/ TOC*(ft.)	DATE	DTP (ft.)	DTW (ft.)	SPHT (fi.)	GWE (msl)	TPH-D <i>(pph)</i>	TPH-O (pph)	TPH-G (ppb)	В <i>(ppb)</i>	T (pph)	E (pph)	X (ppb)
MW-10 115.28	07/24/02 10/17-18/02 01/21/03 04/23-24/03 06/30-07/01/03 10/01-02/03 01/21-23/04	 	13.14 13.59 12.46 11.76 12.91 13.68 11.99	0.00 0.00 0.00 0.00 0.00 0.00 0.00	102.14 101.69 102.82 103.52 102.37 101.60 103.29	320 ¹ 667 ¹ <250 ¹ ⁶ <250 ¹ <250 ¹ <250 ¹	600 ¹ <500 ¹ <500 ¹ <500 ¹ ⁶ <500 ¹ <250 ¹ <250 ¹	240 490 416 <50.0 255 190 < 50	2.5 3.42 3.44 <0.500 2.01 2.6 <0.5	<0.50 <0.500 0.550 <0.500 <0.500 <0.500 <0.5	<1.0 1.34 0.519 <0.500 0.535 0.5 < 0.5	<1.5 5.00 3.24 <1.00 2.53 <3.0 <1.5
MW-11						1	<250 ¹	<50	<0.50	<0.50	<0.50	<1.5
	07/24/02		11.16	0.00		<250¹	<250 <500 ¹	<50.0	< 0.500	< 0.500	< 0.500	<1.00
	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 <250 ¹	<500 ¹	<50.0	< 0.500	< 0.500	< 0.500	<1.00
	06/30-07/01/03		11.39	0.00		<250 ¹	<250 ¹	<50	< 0.5	< 0.5	< 0.5	<1.5
	10/01-02/03 01/21-23/04		12.10 11.69	0.00 0.00	 ~-	<250 ¹	<250 ¹	<50	<0.5	<0.5	<0.5	<1.5
DB-1 (MW	V-12)						1	70.0	0.516	0.869	<0.500	<1.00
113.36	10/17-18/02		12.22	0.00	101.14	<2501	<500¹	<50.0	0.516	< 0.500	<0.500	<1.00
	01/21/03		11.72	0.00	101.64	<2501	<500¹	<50.0	<0.500 <0.500	< 0.500	<0.500	<1.00
	04/23-24/03		11.04	0.00	102.32	<250 ¹	<500 ¹	<50.0	<0.300 2.91	1.05	10.0	26.5
	06/30-07/01/03		11.32	0.00	102.04	1,6901	<500 ¹	1,040 69	1.2	<0.5	<0.5	<1.5
	10/01-02/03 01/21-23/04		12.12 10.02	0.00 0.00	101.24 103.34	470 ¹ 1,500 ¹	<250 ¹ 5,700 ¹	< 50	<0.5	<0.5	<0.5	<1.5

Table 1 Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211577)

WELL ID/	DATE	DTP	DTW	SPHT	GWE	TPH-D	ТРН-О	TPH-G	В		Ē	X
TOC*(ft.)		(fi.)	(fi.)	(ft.)	(msl)	(ppb)	(ppb)	(ppb)	(pph)	(ppb)	(ppb)	(ppb)
			*									
DB-2 (MW-13)								· · · · · · · · · · · · · · · · · · ·	TED			
114.80	10/17-18/02		19.31/DRY	0.00	95.49			UFFICIENT WA				
	01/21/03		19.01/DRY	0.00	95.79		ED DUE TO INS	UFFICIENT WA	TER			
	04/23-24/03	INACCESS	SIBLE - VEHIC									
	06/30-07/01/03		18.72/DRY	0.00	96.08			UFFICIENT WA				
	10/01-02/03		19.32/DRY	0.00	95.48		ED DUE TO INS	UFFICIENT WA	TER			
	01/21-23/04	INACCES	SIBLE - VEHI	CLE PARK	KED OVER	WELL	car use					
						•						
DD COMBUSA							•					
DB-6 (MW-14) 101.64	10/17-18/02											
101.04			11.00	0.00	 89.76	4,710 ¹	<500 ¹	$43,100^3$	9,900 ³	4,930 ³	1,540 ³	$6,020^3$
	11/14/02	DIA CCEC	11.88			ŕ				4,930	1,540	
	01/21/03		SIBLE - VEHIC		-							
	04/23-24/03		SIBLE - VEHIC				 .					
	06/30-07/01/03											ea ea
	10/01-02/03	INACCESS	SIBLE - VEHIC	LE PARKE	D OVER W		 				1.600	7.000
	10/14/03 ^{8,10}					2,1001	130 ¹	69,000	12,000	9,900	1,600	7,900
	01/21-23/04	INACCES	SIBLE - VEHI	CLE PARK	KED OVER	WELL						
DB-8 (MW-15)												
99.03	10/17-18/02											
	11/14/02		9.44	0.00	89.59	780 ¹	<500 ¹	3,280	1,640	5.23	5.06	<10.0
	01/21/03	**	9.29	0.00	89.74	<250 ¹	<500 ¹	<50.0	< 0.500	< 0.500	< 0.500	<1.00
	04/23-24/03	INACCESS	SIBLE - VEHIC	LE PARKE	D OVER W	ELL						
	06/30-07/01/03	INACCESS	SIBLE - VEHIC	LE PARKE	D OVER W	ELL						
	10/01-02/03		9.72	0.00	89.31	410 ¹	<250 ¹	810	1,700	60	48	110
	01/21-23/04		8.94	0.00	90.09	<250 ¹	<250 ¹	<50	<0.5	< 0.5	< 0.5	<1.5

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211577)

						Seattle, wasii				V		X
WELL ID/ TOC*(ft.)	DATE	DTP (ft.)	DTW (ft.)	SPHT (fi.)	GWE (msl)	TPH-D <i>(ppb)</i>	TPH-O <i>(ppb)</i>	TPH-G <i>(pph)</i>	B (ppb)	T (ppb)	E (ppb)	(pph)
10C"(JL)		0.9					•					
DB-9 (MW-16	0											
101.83	10/17-18/02						,			< 0.500	< 0.500	<1.00
101.65	11/14/02		12.36	0.00	89.47	<250 ¹	<500 ¹	<50.0	<0.500	< 0.500	< 0.500	<1.00
	01/21/03		11.88	0.00	89.95	<250¹	<500 ¹	<50.0	< 0.500			
	04/23-24/03		BLE - VEHICI	LE PARKE	D OVER WEI	LL						
	06/30-07/01/03	INACCESSI	BLE - VEHICI	LE PARKE	D OVER WE	LL						
	10/01-02/03	INACCESS	IBLE - VEHICI	LE PARKE	D OVER WE	LL					 2.0	3.6
	10/14/03 ^{8.9}	III/(CCDDD				<160 ¹	<200 [†]	740	26	1.0	3.8	J.(/
	01/21-23/04	INACCESS	SIBLE - VEHIC	CLE PARK	KED OVER V	VELL						
	(FEFER-WORK)											
DB-10 (MW-										**		
99.29	10/17-18/02					<250 ¹	<500 ¹	2,780	569	31.0	91.1	250
	11/14/02		10.00	0.00	89.29	<250 ¹	<500 ¹	<50.0	< 0.500	< 0.500	< 0.500	<1.00
	01/21/03		9.62	0.00	89.67							
	04/23-24/03		IBLE - VEHIC									
	06/30-07/01/03	INACCESS	IBLE - VEHIC			LL		1 100	420	69	38	130
	10/01-02/03		10.30	0.00	88.99	<250 ¹	<250 ¹	1,100		<0.5	<0.5	<1.5
	01/21-23/04		9.48	0.00	89.81	<250 ¹	<250 ¹	<50	1.6	~0.3	-0.5	110
RW-2			-									
106.63	07/24/02	UNABLE	TO LOCATE									
	NP 10/17-18/02		14,44	0.00	92.19	988 ¹	<500 ¹	1,380	90.5	8.05	29.2	31.5
	NP 01/21/03		10.61	0.00	96.02	<250 ¹	<500 ¹	126	33.5	0.859	1.28	4.11
'	04/23-24/03		10.30	0.00	96.33	<250 ¹	<500 [†]	55.7	< 0.500	< 0.500	0.642	2.64
	06/30-07/01/03		13.72	0.00	92.91	505¹	<500¹	2,380	53.5	8.72	39.8	43.2
	10/01-02/03		15.05	0.00	91.58	1,4001	<250 ¹	2,300	75	7.3	29	33
	10/01-02/03	==	10.22	0.00	96.41	<250 ¹	<250 ¹	53	1.2	0.7	1.3	8.9

Table 1
Groundwater Monitoring Data and Analytical Results

Former Texace Service Station (Site #211577) 631 Queen Anne Avenue North

Seattle, Washington

						Scattle, was	simigion					
WELL ID/ TOC*(ft.)	DATE	DTP (ft.)	DTW (ft.)	SPHT (fi.)	GWE (msl)	TPH-D (pph)	TPH-O <i>(pph)</i>	TPH-G <i>(ppb)</i>	B (ppb)	T (pph)	E (ppb)	X (pph)
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 7	TO LOCATE									
	06/30-07/01/03	3 UNABLE 1	TO LOCATE									
	10/01-02/03	UNABLE 1	TO LOCATE									
	01/21-23/04		10.32	0.00	90.38	3,0001	270 ¹	9,100	4,400	360	520	1,300
RW-4												
110.82	07/24/02		18.30	0.00	92.52	15,000 ¹	<2,000 ¹	990	62	1.3	32	7.0
	10/17-18/02		19.29	0.00	91.53	8,930 ¹	939 ¹	3,160	59.8	2.50	40.4	15.6
	01/21/03		17.88	0.00	92.94	2,830	<500 ¹	689	0.991	< 0.500	2.37	7.03
	04/23-24/03	INACCESS	SIBLE - VEHIC	CLE PARKE	D OVER W	ELL.						
	06/30-07/01/03	3 INACCESS	SIBLE - VEHIC	CLE PARKE	D OVER W	'ELL						
	10/01-02/03	INACCESS	SIBLE - VEHIC	CLE PARKE	D OVER W	'ELL						**
	01/21-23/04	INACCES	SIBLE - VEH	ICLE PARK	KED OVER	WELL						
RW-5												
104.22	07/24/02	INARIET	TO LOCATE							•		•
104.22	10/17-18/02		12.63	0.00	 91.59	84,900 ¹	3,650 ¹	2 270		 (7.3		400
N			11.81	0.00	91.39	1,860 ¹	<500 ¹	3,370	696	67.2	63.0	408
141	04/23-24/03		11.31	0.00	92.41	2,050 ¹	<500 ¹	493	17.1	4.43	1.37	52.9
	06/30-07/01/03		11.91	0.00	92.91	2,030 8,010 ¹	<500 ¹	2,490	9.73	13.4	<5.00	870
	10/01-02/03		13.29					2,170	34.6	20.3	8.10	1,050
	01/21-23/04			0.00	90.93	NOT SAMPLE 1,800 ¹						
	01/21-23/04		11.52	0.00	92.70	1,800	<250 ¹	470	64	12	2.5	65
MP-1	07/24/02	INACCESI	BLE - UNABL	E TO OPEN	WELL							
	10/17-18/02	INACCESI	BLE - UNABL	E TO OPEN	WELL							
	NOT MONITO	RED/SAMPI	LED									

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211577)

631 Queen Anne Avenue North

Seattle, Washington

						ocarrio,						
WELL ID/ TOC*(ft.)	DATE	DTP (ft.)	DTW (ft.)	SPHT (fi.)	GWE (msl)	TPH-D (ppb)	ТРН-О <i>(pph)</i>	ТРН-G <i>(pph)</i>	B (pph)	T <i>(ppb)</i>	E <i>(pph)</i>	X (pph)
MP-2	07/24/02 10/17-18/02 NOT MONITOR	INACCESSIB	LE - VEHIC 	LE PARKED 	OVER W	ELL 	 	 	 	 	 	
Trip Blank QA	07/24/02 10/17-18/02 11/14/02 01/21/03 04/23-24/03 06/30-07/01/03 10/01-02/03 10/14/03 ^{8.11} 01/21-23/04	 		 	 			<50 <50.0 <50.0 <50.0 <50.0 <50 <50	<0.50 <0.500 <0.500 <0.500 <0.500 <0.500 <0.5 <0.5 <0.5	<0.50 <0.500 <0.500 <0.500 <0.500 <0.500 <0.5 <0.5 <0.5	<0.50 <0.500 <0.500 <0.500 <0.500 <0.500 <0.55 <0.5 <0.5	<1.5 <1.00 <1.00 <1.00 <1.5 <1.5 <1.5
I						ТРН-О	ТРН-О	ТРН-G	В	Т	E	X

			TDUC	D	T	E	X
	TPH-D	ТРН-О	TPH-G	D			1.5
Standard Laboratory Reporting Limits:	250	250	50	0.5	0.5	0.5	1.5
			800/1,000	5	1,000	700	1,000
MTCA Method A Cleanup Levels:	500	500	800/1,000		-, -	0031D	
Current Method:	NWTPH-I	D Extended		NWI	PH-G and EPA	8021D	
Current							

Groundwater Monitoring Data and Analytical Results

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

EXPLANATIONS:

TOC = Top of Casing

TPH-G = Total Petroleum Hydrocarbons as Gasoline

-- = Not Measured/Not Analyzed

(ft.) = Feet

B = Benzene

OA = Quality Assurance/Trip Blank

DTW/P = Depth to Water or Product

T = Toluene

NP = No Purge

GWE = Groundwater Elevation

E = Ethylbenzene

MTCA = Model Toxics Control Act Cleanup Regulations

(msl) = Mean Sea Level

X = Xylenes

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

TPH-D = Total Petroleum Hydrocarbons as Diesel

D. LEAD = Dissolved Lead

TPH-O = Total Petroleum hydrocarbons as Oil

(ppb) = Parts per billion

- TOC elevations have been surveyed in feet relative to msl.
- GWE corrected for the presence of SPH; correction factor: [(TOC DTW) + (SPHT x 0.8)].
- GWE corrected for the presence of SPH; correction factor: [(TOC DTP SPHT) + (SPHT x 0.8)]: Historical data has been altered to correct error in original reporting of depth to product as depth to water.
- Analysis with silica gel cleanup.
- Laboratory report indicates the heavy oil range organics present are due to hydrocarbons eluting primarily in the diesel range.
- Laboratory report indicates this sample was received and analyzed unpreserved.
- Laboratory report indicates results in the diesel organics range are primarily due to overlap from a gasoline range product.
- Laboratory report indicates the sample chromatographic pattern does not resemble the fuel standard used for quantitation.
- Sample broke during transport to laboratory.
- Laboratory report indicates this sample was analyzed outside of our recommended holding time. See case narrative.
- Data provided by SAIC.
- MTBE by EPA Method 8021 was not detected at or above 10 ppb.
- MTBE by EPA Method 8021 was not detected at or above 250 ppb.
- 11 MTBE by EPA Method 8021 was not detected at or above 2.5 ppb.

Table 2
Separate Phase Hydrocarbon Thickness/Removal Data

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

			asimigron	SPH	AMOUNT BAILEI
AZEL 3 - LIN	DATE	DTP	DTW	THICKNESS	(SPH + WATER)
WELLID	DAIL	(fi.)	(ft.)	(ft.)	(gallons)
					
VP-4	10/17-18/02	12.75	12.78	0.03	0.00
	01/21/03	12.61	12.71	0.10	0.00
	04/23-24/03	11.72	11.75	0.03	0.00
	06/30-07/01/03	12.31	12.34	0.03	0.00
	10/01-02/03	13.26	13.29	0.03	0.00
	01/21-23/04	12.34	12.37	0.03	0.00
					0.00
VP-6	07/24/02	10.60	12.18	1.58	
	10/17-18/02	11.35	12.00	0.65	0.00
	01/21/03	11.27	12.90	1.63	0.00
	04/23-24/03	10.75	10.90	0.15	0.00
	06/30-07/01/03	11.32	11.54	0.22	0.00
	10/01-02/03	12.12	12.91	0.79	0.00
	01/21-23/04	NOT MONITORED	SAMPLED DUE TO	WELL OBSTRUCT	ION AT 2.41 FEET
	06/20 07/01/02	10.08	10.11	0.03	0.00
VP-7	06/30-07/01/03	10.00	10.98	0.00	0.00
	10/01-02/03 01/21-23/04	,	10.09	0.00	0.00
MW-6	10/17-18/02	20.64	20.69	0.05	0.00
IAI AA-O	01/21/03	21.71	21.74	0.03	0.00
	04/23-24/03	20.88	20.91	0.03	0.00
	06/30-07/01/03	21.38	21.41	0.03	0.00
	10/01-02/03	23.04	23.07	0.03	0.00
	01/21-23/04	INACCESSIBLE - 3	IUNKED VEHICLE O	VER WELL	

EXPLANATIONS:

DTP = Depth to Product

DTW = Depth to Water

(ft.) = Feet

SPH = Separate Phase Hydrocarbons

-- = Not Measured

Note: Historical data has been altered to correct error in original reporting of depth to product as depth to water.

Table 3

Groundwater Analytical Results - SVOC and PAH

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

WELL ID	DATE	(d. 2-Methylnaphthalene	3 2,4-Dimethylphenol	(gunthalene	(g Phenol	ुं 2:-Wethylphenol	(dd 4-Methylphenol	र्वें bis (2-Ethylhexyl) phthalate	स्तु स्तु स्तु
VP-1	07/24/2002	84	80	160	ND	13	18	31	<10
VP-2	07/24/2002	UNABLE TO LOCA	TE					;	
VP-5 (MW-5)	07/24/2002	INACCESSIBLE - V	EHICLE PARK	ED OVER WELL					
VP-7 (MW-3)	07/24/2002	69	28	420	ND	<5.0	6	<10	34
VP-8 (MW-7)	07/24/2002	<5.0	<5.0	<5.0	ND	<5.0	<5.0	<10	<10
VP-9	07/24/2002	INACCESSIBLE - V	EHICLE PARK	ED OVER WELL				 	
MW-4	07/24/2002	160	24	500	ND	6	9	<10	<10
MW-10	07/24/2002	<5.0	<5.0	<5.0	ND	<5.0	<5.0	13	<10
MW-11	07/24/2002	<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

				Seattle, Wa	ashington		si st		
WELL ID	DATE	(g 2-Methylnaphthalene	(g 2,4-Dimethylphenol	(ga Naphthalene	(dd Fherrol	ਤੋਂ 2-Methylphenol	લું 4- Methylphenol	चे bis (2-Ethylhexyl) phthalate	(dph)
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	24.81	 <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	07/24/2002	<5.0	<5.0	<5.0	ND	<5.0	<5.0	<10	<10

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

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.

Groundwater Analytical Results - SVOC

Former Texaco Service Station (Site #211577)

								Seattle	, Washii	ngton								74 4		777
WELL ID/	DATE	(Horoform	(g cis-1,2-Dichloroethene	(d Benzene	(dqq)	(de Ethylbenzene	(1) Tetrachloroethene	(gad) Trickiloroethene	m+p-Xylene	(dag) o-Xylene	चे G Genzene	d n-Propylbenzene G	ર્વે 1,3,5-Trimethylbenzene (g	dd 1,2,4-Trimethylbenzene (g	(g. sec-Butylbenzene	d p-tsopropyltoluene	d n-Butylbenzene	(9dd) (9dd) (9dd)	(dad) Methyl t-butyl ether	(def.)
VP-3 (MW-2)	07/24/02	DRY																		
VP-5 (MW-5)	07/24/02	INACCE	ESSIBLE	VEHIC	CLE PAR	KED OV	'ER WE	ELL					 -							
VP-7 (MW-3)	10/17-18/02																		<10.0	<100
VP-9	07/24/02	INACC	ESSIBLE	E - VEHIO	CLE PAF	KED O	/ER WI	ELL								~-				
MW-4	07/24/02 10/17-18/02	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 <50.0	120 <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	2 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 Station (Site #211577)

WELL ID/	DATE	(qdd) (qdd)	કો cis-1,2-Dichloroethene	d) G Benzene	(g Toluene	(d. Ethylbenzene	(3) Fetrackloroethene	(पुनी) (पुनी)	dd) (gd m+p-Xylene	(dqq)	dd Isopropylbenzene	d n-Propylbenzene	S 1,3,5-Trimethylbenzene	d 1,2,4-Trimethylbenzene	d) sec-Butylbenzene	d) p-tsopropyltoluene	d n-Butylbenzene	(qdd) (qdd) Naphthalene	(9) Methyl t-butyl ether	dd F-Butyl alcohol
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

Groundwater Analytical Results - SVOC

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

EXPLANATIONS:

(ppb) = Parts per billionSVOC = Volatile Organic Compounds-- = Not AnalyzedND = 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)

				Seattle, W	ashington				
WELL ID/	DATE	MERCURY	ARSENIC	CADMIUM	CHROMIUM	LEAD	SELENIUM	SILVER	BARIUM TR
		(ppb)	(ppb)	(ppt)	(ppb)	(pph)	(pph)	(ppb)	(pph)
		,							
VP-1	07/24/02					22.9			
	10/17-18/02				-	18.0		'	
	01/21/03					47.1	- -		
	04/23-24/03					36.4 ²			
	06/30-07/01/03					13.2 ²			
	10/01-02/03					31.2 ²			
	01/21-23/04		· •••			4.22			
VP-2	07/24/02	UNABLE TO LOC	ATE					:	
	10/17-18/02	NOT SAMPLED D		IENT WATER					***
	01/21/03	NOT SAMPLED D							
	04/23-24/03				***	1.52^{2}			
	06/30-07/01/03		: 			3.97^{2}			
	10/01-02/03	NOT SAMPLED D	UE TO INSUFFIC	IENT WATER					
	01/21-23/04		~~		***	5.3 ²		45.64	
VP-3 (MW-2)	07/24/02	DRY							
	10/17-18/02	DRY							
	01/21/03	DRY			**	•			AND NO.
	04/23-24/03	DRY							
	06/30-07/01/03	DRY						:	
	10/01-02/03	NOT SAMPLED D	UE TO INSUFFIC	IENT WATER					
	01/21-23/04	DRY			•••				
VP-4	07/24/02					28.0		!	
	10/17-18/02	NOT SAMPLED D	UE TO THE PRES	SENCE OF SPH		26.0		:	
	01/21/03	NOT SAMPLED D							
	04/23-24/03	NOT SAMPLED D							
	06/30-07/01/03	NOT SAMPLED D					<u></u>		
	10/01-02/03	NOT SAMPLED D			·			 -	
	01/21-23/04	NOT SAMPLED I							
	= 2010 T	. S. Sami DED	OCE TO THE IN	COENCE OF SER				***	

Groundwater Analytical Results - Dissolved Metals

Former Texaco Service Station (Site #211577)

			Seattle, Wa	shington				
No don	MEDCUDY	ARSENIC	CADMIUM	CHROMIUM	LEAD	SELENIUM	SILVER	BARIUM TR
DATE				(ppb)	(ppb)	(pph)	(ppb)	(ppb)
07/24/02	INACCESSIBLE - V	EHICLE PARKED	OVER WELL					
					2.29			**
01/21/03	INACCESSIBLE - V	EHICLE PARKED	OVER WELL					
	INACCESSIBLE - V	EHICLE PARKED	OVER WELL					
	INACCESSIBLE - V	EHICLE PARKED	OVER WELL					
					2.4^{2}			
					1.7 ²			
01/21-25/04								
07/24/02	NOT SAMPLED - D	UF. TO PRESENC	E OF SPH					
								
	NOT MONITOPE	OSAMPLED DUE	TO WELL OBST	RUCTION AT 2.41	FEET -			
01/21-25/04	NOT MONTONE	<i>5,571,711 220 2 3 3</i>						
07/24/02	<0.079	97.3	< 0.080	2.2	25.0	<1.1	0.068	33.6
					2.40			
· -					<1.00			
		VEHICLE PARKE	O OVER WELL					
						·		
					<1.2 ²		-	
01/21-25/04								
07/24/02	<0.079	2.1	0.13	0.82	11.4	<1.1	< 0.050	49.6
					1.93			
					8.33			
					3.73^{2}			'
				****	2.06^{2}			
	# C 1992				2.4 ²			
10/01-02/03								
	10/17-18/02 ¹ 01/21/03 04/23-24/03 06/30-07/01/03 10/01-02/03 01/21-23/04 07/24/02 10/17-18/02 01/21/03 04/23-24/03	07/24/02 INACCESSIBLE - V 10/17-18/02¹ 01/21/03 INACCESSIBLE - V 06/30-07/01/03 INACCESSIBLE - V 10/01-02/03 01/21-23/04 07/24/02 NOT SAMPLED - D 10/17-18/02 NOT SAMPLED DU 01/21/03 NOT SAMPLED DU 06/30-07/01/03 NOT SAMPLED DU 06/30-07/01/03 NOT SAMPLED DU 01/21-23/04 NOT SAMPLED DU 01/21-23/04 NOT SAMPLED DU 01/21-23/04 NOT SAMPLED DU 01/21-23/04 NOT MONITOREI 07/24/02 <0.079 10/17-18/02 01/21/03 1NACCESSIBLE - V 07/24/02	(ppb)	DATE	DATE MERCURY ARSENIC CADMIUM (ppb) (ppb)	DATE MERCURY ARSENIC CADMIUM CHROMIUM (ppb) (ppb	DATE MERCURY ARSENIC CADMIUM CHROMIUM LEAD Gpbb G	DATE MERCURY ARSENIC CADMIUM CHROMIUM LEAD SELENTUM Gptb Gptb

Table 5
Groundwater Analytical Results - Dissolved Metals

Former Texacc Service Station (Site #211577)

					asningion				
WELL ID/	DATE	MERCURY (ppb)	ARSENIC (ppb)	CADMIUM (ppb)	CHROMIUM (ppb)	LEAD (ppb)	SELENIUM (ppb)	SILVER (pph)	BARIUM TR (pph)
	<u>t i o formi morros in coloniamente (Statio</u>	New	NPVV)		· · · · · · · · · · · · · · · · · · ·	N. F.		3 3 3 3 3 3 3 3 3 3	
VP-9	07/24/02	INACCESSIBLE -	VEHICLE PARK	ED OVER WELL	**				
	10/17-18/02					<1.00			
	01/21/03	INACCESSIBLE -	VEHICLE PARK	ED OVER WELL					
	04/23-24/03					$<1.00^{2}$			
	06/30-07/01/03					$<1.00^{2}$		<u></u> ,	
	10/01-02/03				N 40	3		'	
	01/21-23/04	INACCESSIBLE -	VEHICLE PAR	KED OVER WELL		8014		 .	
MW-4	07/24/02	< 0.079	31.0	< 0.080	< 0.28	15.5	<1.1	< 0.050	63.8
	10/17-18/021					10.7			
	(D) 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			
	10/01-02/03			i		7.1 ²			
	01/21-23/04			: 		6.7^{2}			
						•			
MW-6	07/24/02					5.1			
	10/17-18/02	NOT SAMPLED D	UE TO THE PRE	SENCE OF SPH				,	
	01/21/03	NOT SAMPLED D	UE TO THE PRE	SENCE OF SPH				;	
	04/23-24/03	NOT SAMPLED D	UE TO THE PRE	SENCE OF SPH				!	
	06/30-07/01/03	NOT SAMPLED D	UE TO THE PRE	SENCE OF SPH					
	10/01-02/03	NOT SAMPLED D	UE TO THE PRE	SENCE OF SPH					
	01/21-23/04	INACCESSIBLE ·	JUNKED VEHI	CLE OVER WELL					
B4331.0	10/17 10/10								
MW-9	10/17-18/02					2.66			
	01/21/03	INACCESSIBLE -	VEHICLE PARK	ED OVER WELL					~-
	04/23-24/03					1.31 ²			
	06/30-07/01/03	INACCESSIBLE -	VEHICLE PARK	ED OVER WELL		2			
	10/01-02/03					3.9^{2}		,	
	01/21-23/04			· 		5.5 ²			

Table 5

Groundwater Analytical Results - Dissolved Metals

Former Texaco Service Station (Site #211577)

631 Queen Anne Avenue North

					S	eattle,	Washi	ngi
ELL ID/	DATE	MEI	RCURY	ARSI	CADN	1TUM	1940 (1966)	HF

				Seattle, Wa		YEAR	SELENIUM	SILVER	BARIUM TR
WELL ID/	DATE	MERCURY (ppb)	ARSENIC (pph)	CADMIUM (ppb)	CHROMIUM (pph)	LEAD <i>(ppb)</i>	(ppb)	(ppb)	(ppb)
					0.20	1.3	<1.1	< 0.050	52.1
MW-10	07/24/02	< 0.079	4.1	0.17	0.38	<1.00			
	10/17-18/02					<1.00			
	01/21/03					<1.00			
	04/23-24/03					<1.00	-		
	06/30-07/01/03					<1.00 <1.2 ²			~-
	10/01-02/03					<1.2 <1.2 ²			
	01/21-23/04					<1.2			
	07/24/02		<u></u>			<1.2			
MW-11	07/24/02					<1.00			
	10/17-18/02					<1.00			
	01/21/03			·		$<1.00^{2}$			
	04/23-24/03					$<1.00^{2}$			
	06/30-07/01/03		<u></u>			<1.2 ²			
	10/01-02/03		· - -			<1.2 ²			
	01/21-23/04								
DB-1 (MW-12)	01/21/03	 -				<1.00			
DD-1 (M W-12)	04/23-24/03					<1.00 ²			
	06/30-07/01/03			·		$<1.00^{2}$			
	10/01-02/03					<1.2 ²			
	01/21-23/04		****;			<1.2 ²			
				ACTED TO MA TER					
DB-2 (MW-13)			D DUE TO INSUFF						
			E - VEHICLE PARI						
			D DUE TO INSUFF						
	10/01-02/03		D DUE TO INSUFF						
	01/21-23/04	INACCESSIB	LE - VEHICLE PA	RKED OVER WELI	ե				

Table 5 Groundwater Analytical Results - Dissolved Metals

Former Texacc Service Station (Site #211577)

Emiliar San				Deathe, W					
WELL ID/	DATE	MERCURY (ppb)	ARSENIC (ppb)	CADMIUM (ppå)	CHROMIUM (ppb)	LEAD (ppb)	SELENIUM (ppb)	SILVER (ppb)	BARIUM TR (pph)
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 - 1	VEHICLE PARKE	D OVER WELL					
	04/23-24/03	INACCESSIBLE - V	VEHICLE PARKE	D OVER WELL					
	06/30-07/01/03	INACCESSIBLE - V	VEHICLE PARKE	D OVER WELL					
	10/01-02/03	INACCESSIBLE - V	EHICLE PARKE	D OVER WELL					
	01/21-23/04	INACCESSIBLE -	VEHICLE PARK	KED 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 - V	EHICLE PARKE	D OVER WELL					
	06/30-07/01/03	INACCESSIBLE - V	EHICLE PARKE	D OVER WELL					
	10/01-02/03					<1.2 ²			
	01/21-23/04					<1.2 ²		;	
DB-9 (MW-16)	11/14/02	<u></u>				<1.00	5 		
	01/21/03				=	<1.00		- -	
	04/23-24/03	INACCESSIBLE - V	EHICLE PARKE	D OVER WELL					
	06/30-07/01/03	INACCESSIBLE - V	EHICLE PARKE	D OVER WELL					·
	10/01-02/03	INACCESSIBLE - V	EHICLE PARKE	D OVER WELL					
	01/21-23/04	INACCESSIBLE -	VEHICLE PARK	ED OVER WELL			***		
DB-10 (MW-17)	11/14/02					<1.00		<u></u>	
	01/21/03					<1.00			
	04/23-24/03	INACCESSIBLE - V	EHICLE PARKE	D OVER WELL				:	
	06/30-07/01/03	INACCESSIBLE - V	EHICLE PARKE	D OVER WELL					
	10/01-02/03					<1.2 ²	· 		
	01/21-23/04								
	01/21-23/04			<u></u>		<1.2 ²		••• i	

Groundwater Analytical Results - Dissolved Metals

Former Texaco Service Station (Site #211577)

				Seattle, wa	-		CONTRACTOR OF	SILVER	BARIUM TR
WELL ID/	DATE	하다 보이 크루 교육으로는 그리스 보다 하나요?	RSENIC (ppb)	CADMIUM (ppb)	CHROMIUM (ppb)	LEAD (ppb)	SELENIUM (pph)	(ppb)	(pph)
		(ppb)	(рро)	<i>\(\bullet\(\pu\)\(\pu\)</i>					
D11/ A	07/24/02	UNABLE TO LOCATE			 .				
RW-2	10/17-18/02					2.23			
				•		<1.00			
	01/21/03					$<1.00^{2}$			
	04/23-24/03					1.43 ²			·
	06/30-07/01/03			-		4.9^{2}			
	10/01-02/03					<1.2 ²		± 00	
	01/21-23/04								
RW-3	07/24/02	UNABLE TO LOCATE							
KW-3	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		 ,					
	10/01-02/03	UNABLE TO LOCATE							
	01/21-23/04					12.0 ²	-		
						3.3	<1.1	<0.050	66.9
RW-4	07/24/02	< 0.079	6.1	< 0.080	1.2	1.23			7 -
	10/17-18/02								
	01/21/03					<1.00	••		
	04/23-24/03	INACCESSIBLE - VEH							
	06/30-07/01/03								
	10/01-02/03	INACCESSIBLE - VEH							
	01/21-23/04	INACCESSIBLE - VEI	HICLE PA	ARKED OVER WELL					

Groundwater Analytical Results - Dissolved Metals

Former Texaco Service Station (Site #211577)

WELL ID/	DATE	MERCURY	ARSENIC	CADMIUM	CHROMIUM	LEAD	SELENIUM	SILVER	BARIUM TR
		(ppb)	(ppb)	(pph)	(ppb)	(ppb)	(ppb)	(pph)	(ppb)
RW-5	07/24/02	UNABLE TO LOCATI	E		·				
	10/17-18/02					3.91			
	01/21/03					13.3			
	04/23-24/03					7.31 ²			
	06/30-07/01/03			·		1.98^{2}	,		
	10/01-02/03	NOT SAMPLED DUE	TO INSUFFIC	IENT WATER				!	
	01/21-23/04			:	₩•	1.6^2			

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

- Organic Lead was <300 ppb.
- Laboratory report indicates this sample was laboratory filtered.
- ³ Due to limited sample volume; no results will be provided.

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 (pph)	ETBE (pph)	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.

lient/Facility #:	ChevronTexaco	#211577	7 Job	o Number: 💃	386765	 (inclusive
site Address:	631 Queen Ann		Ev	ent Date: _	1-21-04	(Inclusive
	Seattle, WA		Sa	mpler:	BWN	
City:	Seattle, WA				2/2	
Mall ID	MAY - VP	Date	Monitored: 1-2	4-04	Well Condition: _ 2K_	
Vell ID Vell Diameter	2 in.			3/4"= 0.02	1"= 0.04 2"= 0.17 3"= 0	
Total Depth	14.58 ft.		Volume Factor (VF)	4"= 0.66	5"= 1.02 6"= 1.50 12"=	5.80
Depth to Water	12,21 ft.	: "			-	l
Deptit to Water	2.37 xv	F;\/_	_ = <u>' </u>	(case volume) = E	stimated Purge Volume:	gal.
				7	Time Started:	(2400 hrs) (2400 hrs)
Purge Equipment:	J		pling Equipment:	\checkmark	Time Bailed:	ft
Disposable Bailer		•	osable Bailer Sure Bailer		Depth to Water:	ff
Stainless Steel Baile	er		rete Bailer		Hydrocarbon Thickness: Visual Confirmation/Descript	
Stack Pump Suction Pump		Othe	er:		-1	
Grundfos					Skimmer / Absorbant Sock (Amt Removed from Skimme	(circle one) er: gal
Other:					Amt Removed from Well:	gal
					Product Transferred to:	<u> </u>
Time (2400 hr.	Volume .) (gal.)	pH	Conductivity (u mhos/cm)	Volume: Temperature (CIF)	gal. D.O. (mg/L)	ORP (mV)
SAMPLE ID) (#) CONTAINER	REFRIG.	BORATORY INFO	ORMATION LABORATO LANCASTE		ES .
- MW V			HCL HCL	LANCASTE	R TPH-Dx w/sg	
10 - V	(500 m) P(,	T YES	NP	24	Diss. Lead	
NP I	\$ 500 Mir ()					
				-		
COMMENTS	S:					
COMMENTS	S:				d Plug: Size:	

Client/Facility #: _ C	hevronTexac	o #21157	<u> </u>	lob Number:	386765	4
Site Address: 6	31 Queen Anı	ne North		Event Date:	1-21-04	(inclusiv
City: S	eattle, WA		(Sampler:	BWW	
Vell ID	www.VFZ	Date	Monitored:	-21-04	Well Condition: $_{\mathcal{Q}}$	k
Vell Diameter Cotal Depth	2 in. 以代 ft.		Volume Factor (VF)	3/4"= 0.02 4"= 0.66		"= 0.38 "= 5.80
Depth to Water	13.06 ft. 1.38 x	vf <u>17</u>	= ,23 ,	(3 (case volume) =	Estimated Purge Volume:	7gal.
ourge Equipment:	,	Samp	ling Equipment:	\ 1	Time Started:	(2400 hrs) (2400 hrs)
Disposable Bailer		Dispo	sable Bailer	<u> </u>	Depth to Product:	ft
Stainless Steel Bailer		Press	ure Bailer	·······	Depth to Water:	f
Stack Pump Suction Pump		Discre Other	ete Bailer :		Hydrocarbon Thickness: Visual Confirmation/Desci	ription:
Grundfos					Skimmer / Absorbant Soc	
Other:					Amt Removed from Skimi	
					Amt Removed from Well: Product Transferred to:	gai
Purging Flow Rate Did well de-water? Time (2400 hr.)	Volume (gal.)	If yes, Time	conductivity (u mhos/cm)	Volume:, Temperature (C/F)	D.O. (mg/L)	ORP (mV)
			ORATORY INF		ANALYS	
SAMPLE ID	(#) CONTAINER \$\inf x \text{ voa vial}	YES	PRESERV. TYPE HCL	LABORATOR LANCASTER		
MM - V1 2		YES	HCL	LANCASTER		
VP Z	1, 500 m. 6 Pi.	*	NP	V	Diss. Lead	
COMMENTS:						
Add/Replace	ed Lock:			.dd/Replaced I	Plug: Size:_	



NO. 175 - 1114 - 44-	ChevronTexa	aco #211577	7 J	ob Number:	38676	5		-
Client/Facility #:	631 Queen A			vent Date:	1-21	-04		(inclusiv
Site Address:		Tille NOTTI		Sampler:	BWN			_
City:	Seattle, WA			ampion.				
Vell ID $\sqrt{9}$	3 MW - 2	Date	Monitored: j-	21.04	Well	Condition:	DRY	
Well Diameter	2 in	<u>:</u>	Volume	3/4"= 0.02	1"= 0.04		3"= 0.38	
Fotal Depth	7.10 ft	<u>.</u>	Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80	J
Depth to Water	ORY H	<u>:</u> xVF	_ =x	3 (case volume) =	Estimated	Purge Volume	: gal.	
		_				Started:		2400 hrs) 2400 hrs)
Purge Equipment:			oling Equipment:				 ,	
Disposable Bailer		Dispo	sable Bailer			to Product: to Water:		f
Stainless Steel Bail	er	Press	sure Bailer		- Depth	carbon Thickn	ess:	ft
Stack Pump		_	rete Bailer		- Visua	Confirmation/	Description:	
Suction Pump		Othe	ŗ		_	/ Abcorbar	nt Sock (circle on	e)
Grundfos		_ /			Δmt F	Removed from	Skimmer:	gai
Other:		- /			Ami i	Removed from	Well:	gai
\					Produ	uct Transferred	to:	
Start Time (pur Sample Time/I Purging Flow I Did well de-wa	Date: // Rate: gpi	m./ Sedime	mer Conditions: Water Color: ent Description: e:			gal.	:	
Time (2400 hr	.) Volume (gah)	рН 	Conductivity (u mhos/cm)	(C/F)		(mg/L)	(mV)	
	_ /	- \	/-		_ _			
	/		/- _		- }-			
			BORATORY INI		OBV I	Al	NALYSES	
SAMPLE ID	(#) CONTAIN		PRESERV. TYPI			H-G/BTEX		
	x voa		HCL	LANCAST		H-Dx w/sg		
MW - /		nber YES	HCL	LANCAST	-1			
MW - /	x ar							
	x ar							
	x ar							
		's dry						
MW -		s dry						

Client/Facility #:	Chevron I exac	30 #Z 1 1 3 1 1	Job Numb	er: 386/65	
Site Address:	631 Queen An	ne North	Event Date	e: 1-21-02	(inclusi
City:	Seattle, WA		Sampler:	BWN	
Vell ID VF		Date Moni	tored: 1-21-04	Well Condition:	ok
Fotal Depth Depth to Water	2 in. 14.69 ft. 12.37 ft.		Volume 3/4"= (Factor (VF) 4"= 0		3"= 0.38 12"= 5.80
		VF =	x3 (case volum	ne) = Estimated Purge Volume:	gal.
Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump		Sampling E Disposable Pressure Ba Discrete Ba	Bailer	Hydrocarbon Thickne	(2400 hrs) 2.34 ft 1.37 ft ss:, 03 ft
Suction Pump Grundfos Other:		Other:		Skimmer / Absorbant Amt Removed from S Amt Removed from W Product Transferred to	Sock (circle one) kimmer: gal /ell: gal
Start Time (purge Sample Time/Da Purging Flow Ra Did well de-wate	te: / gpm.	Weather Co Wa Sediment De If yes, Time:	er Color:		
Time (2400 hr.)	Volume (gal.)		uctivity Temperators/cm) (C/F)		ORP (mV)
					· · · · · · · · · · · · · · · · · · ·
		LABORAT	ORY INFORMATION		
SAMPLE ID	(#) CONTAINER		RV. TYPE LÁBORA		YSES
MW -	x voa vial x amber		HCL /LANCAS		
	1		1	1	



GETTLER-RYAN INC.

•	ChevronTexaco 631 Queen Anno Seattle, WA		E	ob Number:	386765 1-21-027 BW	(inclusiv
Well ID YP- Well Diameter Total Depth Depth to Water	5 MW - 5 2 in. 16.50 ft. 11.91 ft.	Date	Monitored:	3/4"= 0.02 4"= 0.66	Well Condition:	3"= 0.38 12"= 5.80
Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Other:	4.59 xVF	Sam Disp Pres Disc	= (/ \(\Delta \) pling Equipment: osable Bailer sure Bailer rete Bailer	,	Time Started: Time Started: Time Bailed: Depth to Product: Depth to Water: Hydrocarbon Thickne Visual Confirmation/ Skimmer / Absorbant Amt Removed from S Amt Removed from V Product Transferred	(2400 hrs)(2400 hrs)ftftftss:ft Description: Sock (circle one) Skimmer: gal Vell: gal
Start Time (purg Sample Time/D Purging Flow R Did well de-wat	ate: <u> </u>	<u> </u>	her Conditions: Water Color: ent Description he:	<u>clear</u>	Odor:	
Time (2400 hr.)	Volume (gal.)	рН	Conductivity (u mhos/cm)	Temperature (C/ F)	D.O. (mg/L)	ORP (mV)
903	· · · · · · · · · · · · · · · · · · ·	7.26 7.21	304 301	11.5		
	-	LA	BORATORY INI			AL VCEC
SAMPLE ID MW - 5 MW - 5 MW - 5	(#) CONTAINER 3 x voa vial 2 x amber 1 500 mL fl.	YES YES	PRESERV. TYPI HCL HCL N∳	E LABORATOF LANCASTE LANCASTE	R TPH-G/BTEX	ALYSES
COMMENTS:						
Add/Rep	laced Lock:			Add/Replaced	Plug:	Size:

Site Address: G31 Queen Anne North Event Date: 1-21-01 (inclusition: City: Seattle, WA Sampler:	Client/Facility #:	Jnevron i exac	0 #2115//	Job Number:	380/05	
Well ID Well Diameter Z in. Volume Z in. Volu	Site Address:	631 Queen Ann	ne North	Event Date:	1-21-04	(inclusiv
Volume	City:	Seattle, WA		Sampler:	BWW	
Purge Equipment: Disposable Bailer Pressure Bailer Discrete Bailer Other: Weather Conditions: Sampling Flow Rate: Galo	Well Diameter Total Depth	2 in.	Volume	3/4"= 0.02	1"= 0.04 2"= 0.17 3"	"= 0.38
Purge Equipment: Disposable Bailer Disposable Bailer Disposable Bailer Stanck Pump Discrete Bailer Depth to Water: Discrete Bailer Discrete Bailer Discrete Bailer Depth to Water: Discrete Bailer Discrete Bailer Discrete Bailer Depth to Water: Discrete Bailer Discrete Bailer Discrete Bailer Depth to Water: Discrete Bailer Discrete Bailer Discrete Bailer Depth to Water: Depth to Water: Discrete Bailer Discrete Bailer Discrete Bailer Depth to Water: Depth to Water. Depth to Wa	Depth to Water _			v3 (enco volumo) =	Estimated Purge Volume:	gal
Sample Time/Date: Purging Flow Rate: gpm. Sediment Description: Did well de-water? Time (2400 hr.) (gal.) pH (umhos/cm) (C/F) (mg/L) (mV) LABORATORY INFORMATION SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY ANALYSES MW - x oa vial YES HCL LANCASTER TPH-G/BTEX MW - x amber YES HCL LANCASTER TPH-Dx w/sg COMMENTS: Obstracta at 2.41 ff from SATAC bailing	Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos		Sampling Equipme Disposable Bailer Pressure Bailer Discrete Bailer		Time Started: Time Bailed: Depth to Product: Depth to Water: Hydrocarbon Thickness: Visual Confirmation/Descr Skimmer / Absorbant Soci	(2400 hrs)(2400 hrs)ftffft siption: k (circle one) ner: galgal
SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY ANALYSES MW - x voa vial YES HCL LANCASTER TPH-G/BTEX MW - x amber YES HCL LANCASTER TPH-Dx w/sg COMMENTS: Obstructed at 2.41 ft from SALCIDALING	Sample Time/Dat Purging Flow Rate Did well de-water	e: / e: gpm. ?	Sediment Description If yes, Time: Conductivity	on: Volume: Temperature	gal.	ORP
SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY ANALYSES MW - x voa vial YES HCL LANCASTER TPH-G/BTEX MW - x amber YES HCL LANCASTER TPH-Dx w/sg COMMENTS: Obstructed at 2.41 ft from SATE SATE bailing			ABORATORY II	NFORMATION		
MW - x amber YES HCL LANCASTER TPH-Dx w/sg COMMENTS: Obstructed at 2.41 ft from SAICT bailing	SAMPLE ID	(#) CONTAINER			RY ANALYSE	S
		 				
			d at 2.41 f	t from	~7	ailing



GETTLER-RYAN INC.

Client/Facility #: Cl	nevronTexaco	#211577			1-21-04	(inclusive
Site Address: 63	31 Queen Anne	North		ent Date: _		
*****	eattle, WA		Sa	mpler:	BWN	
			1	11.04	Well Condition: Ø	ik
Well ID ✓º	7 mw - 3	Date N	Monitored:	AI · U ·		
Well Diameter	2 in.		Volume	3/4"=.0.02 4"= 0.66	1"= 0.04 2"= 0.17 5"= 1.02 6"= 1.50	3"= 0.38 12"= 5.80
Γotal Depth	17.42 ft.		Factor (VF)			
Depth to Water	10.09 ft.		- 1,2 ⁴ x3	(sees volume) = F	stimated Purge Volume: _	<u> </u>
	7.33 xVF	- 11	_= x3	(case volume) - L	Time Started:	(2400 hrs)
		Samn	ling Equipment:	,	Time Started	(2400 hrs)
Purge Equipment:			sable Bailer	V	Depth to Product:	ft
Disposable Bailer	V		ure Bailer		Depth to Water:	-/
Stainless Steel Bailer			ete Bailer		Hydrocarbon Thicknes Visual Confirmation/De	9
Stack Pump			-		- 11 /	\
Suction Pump		00			Skimmer / Absorbant S	Sock (circle one)
Grundfos					Amt Removed from SI	kimmer:gai
Other:					Amt Removed from W Product Transferred to	EII
					Product Transferred	
					,	
	: i <i>0</i> =0	Weath	ner Conditions:	cloudy		2
Start Time (purge)	1000 10 1 1 1	21-04	Water Color:	clead	Odor:	160
Sample Time/Dat		A' UT	nt Description:			1
Purging Flow Rat	e: gpm.			Volume:	gal.	
Did well de-water	?	If yes, 1 im	e:	volunio		
			Conductivity	Temperature	D.O.	ORP
Time	Volume	pН	(u mhos/cm)	(C <i>IJ</i> *)	(mg/L)	(mV)
(2400 hr.)	(gal.)			,		
		7.24	316	11.1		
1004			317	10.9		
[003	S - 2	$\frac{7.20}{11}$.	312	10,8		
3012	3,5	7.16	310			
		I A	BORATORY INF	ORMATION		
	T (#) CONTAINED T	REFRIG.	PRESERV. TYPE	LABORATO	N	ALYSES
SAMPLE ID	(#) CONTAINER	YES	HCL	LANCASTE		
MW -3	3 x voa vial 2 x amber	YES	HCL	LANCASTE		
MW -3	Z x amber	V	V	'nρ	Olss. Lead	
1 WN3	(300)(00) (1-					
				 		
				<u> </u>		
COMPLENTS						
COMMENTS:					,	
				Add/Replace	d Plug:	Size:
Add/Repla	aced Lock:			Additiopidool		

Site Address:						
	631 Queen An	ne North	E	vent Date:	1-21-04	(inclus
City:	Seattle, WA		S	ampler:	BWN	
Well ID		Date	e Monitored:	21-04	Well Condition:	ok
Well Diameter Fotal Depth Depth to Water	2 in. 16.61 ft. 12.16 ft.	إسوا	Volume Factor (VF)	3/4"= 0.02 4"= 0.66	1"= 0.04 2"= 0.17 5"= 1.02 6"= 1.50	3"= 0.38 12"= 5.80
Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Other:	- 1.45 x	Dis Pre Dis	npling Equipment: posable Bailer ssure Bailer crete Bailer	3 (case volume) = Es	Time Started: Time Bailed: Depth to Product: Hydrocarbon Thickness Visual Confirmation/Des Skimmer / Absorbant S Amt Removed from Well Product Transferred to:	(2400 hrs)ftft scription: ock (circle one) immer: gal
Start Time (purge Sample Time/Da Purging Flow Ra Did well de-wate	te: <u>945 /\^</u> te: <u>gpm.</u>	<u> </u>	her Conditions: _ Water Color: _ ent Description: _ ne:	cloudy char Volume:	Odor:	YES
			Conductivity	Temperature	D.O.	ORP
Time (2400 hr.)	Volume (gal.)	рН	(u mhos/cm)	(C <i>IJ</i> F)	(mg/L)	(mV)
	(gal.)	7.28 7.20	316 312	(CJF) 11.0 10.9	(mg/L)	
(2400 hr.)	(gal.)	7.28 7.20 LA	316 312 BORATORY INFO	II.O 10:9		(mV)
(2400 hr.)	(gal.) (7.28 7.20 LA REFRIG.	316 312 BORATORY INFO	11.0 10.9 PRMATION LABORATORY		(mV)
(2400 hr.)	(gal.)	7.28 7.20 LA	316 312 BORATORY INFO	II.O 10:9	ANALY	(mV)
(2400 hr.)	(gal.) (7.28 7.20 LA REFRIG. YES	316 312 BORATORY INFO PRESERV. TYPE HCL	II.O II.O PRMATION LABORATORY LANCASTER	ANALY TPH-G/BTEX	(mV)



lient/Facility #:	ChevronTexaco	#211577	_ Job Number:	386765	
ite Address:	631 Queen Anne		Event Date:	1-22-07	(inclusiv
ity:	Seattle, WA		Sampler:	BWN	
	VP 9	Date Monitore	d: 1-27-04	Well Condition:ゾ	74
Vell ID		Date Montere		211 2 47 211	= 0.38
Vell Diameter	2 in.	Volu		1 = 0.04	= 5.80
otal Depth	ft.	Fact	or (VF) 4"= 0.66	3 - 1.02	
epth to Water	UTA ft.	=	x3 (case volume) =	Estimated Purge Volume:	gal.
				Time Chartad:	(2400 hrs)
urge Equipment:		Sampling Equip	ment:	Time Started:	(2400 hrs)
Disposable Bailer		Disposable Baile	ſ	Depth to Product:	£
Stainless Steel Baile		Pressure Bailey		Depth to Water:	ft
		Discrete Bailer		Hydrocarbon Thickness:	ntion'
Stack Pump		Other:		Visual Confirmation/Descri	
Suction Pump		Julion		Skimmer / Absorbant Sock	(circle one)
Grundfos			1	Amt Removed from Skimn	ner: gai
Other:	\			Amt Removed from Well:	gai
				Product Transferred to:	
		/	\		
		Washar Condi	tions:		
Start Time (purg	ge):	1		Odor:	
Sample Time/D	oate:/		Color:		
Purging Flow F	tate: gpm.	Sediment Descri	ption:		
Did well de-wa		If yes, Time:	Volume:	/gal.	
Dia Meli de-Ma	(c):				OBB
Time	Volume	Conductiv		D,O.	ORP (mV)
Time (2400 hr.)		(u mhos/c	:m) (C/F)	(mg/L)	(1117)
(2400 111.	, (gai.) /				
	_ <i></i> /			· · · · · · · · · · · · · · · · · · ·	
	/ -			· ·	
			$ \overline{}$		
					
		<u></u>			
	/				
			RY INFORMATION	ANALYS	SES
SAMPLE ID	/#) CONTAINER	REFRIG. PRESERY	V. TYPE LABORAT		ES
SAMPLE ID	(#) CONTAINER x voa vial	REFRIG. PRESERV	L LANCAST	ER TPH-G/BTEX	SES
		REFRIG. PRESERY	L LANCAST	ER TPH-G/BTEX	SES
MW -	x voa vial	REFRIG. PRESERV	L LANCAST	ER TPH-G/BTEX	SES
MW -	x voa vial	REFRIG. PRESERV	L LANCAST	ER TPH-G/BTEX	SES
MW -	x voa vial	REFRIG. PRESERV	L LANCAST	ER TPH-G/BTEX	SES
MW -	x voa vial x amber	REFRIG. PRESERV	L LANCAST	ER TPH-G/BTEX	SES
MW -	x voa vial x amber	YES HC YES HC	L LANCAST	ER TPH-G/BTEX	SES



Client/Facility #:	ChevronTexac	co #2115	77	Job Number:	386765	
Site Address:	631 Queen An	ne North		Event Date:	1-21-04	(inclusiv
Dity:	Seattle, WA			Sampler:	BWN	
Well ID	MW - +	Date	e Monitored: _	1-21-04	Well Condition: 🐧	
Well Diameter	2 in.		Volume	3/4"= 0,02	1"= 0.04 2"= 0.17	3"= 0.38
Total Depth	17.31 ft.		Factor (\			2"= 5.80
Depth to Water	11.59 ft. 5.72 ×	VF_117	= /	x3 (case volume) =	Estimated Purge Volume:	gal.
		•		_	Time Started:	(2400 hrs)
Purge Equipment: Disposable Bailer	\checkmark		npling Equipmer	it:	Time Bailed:	(2400 hrs)
Disposable baller Stainless Steel Bailer			posable Bailer ssure Bailer	v	Depth to Product: Depth to Water:	` f
Stack Pump			crete Bailer		Hydrocarbon Thickness:	ft
Suction Pump		Oth	ner:		Visual Confirmation/Desc	cription:
Grundfos					Skimmer / Absorbant So	ck (circle one)
Other:					Amt Removed from Skin	mer: gal
					Amt Removed from Well Product Transferred to:_	gal

Start Time (purge	e): 1030	Weat	ther Condition	s: cloudy	1	
Sample Time/Da	ate: 1045 / \	-21-04	Water Colo	r: grev	Odor: 🔀	<u> </u>
Purging Flow Ra			ent Description			
Did well de-wate	er? <u>no</u>	If yes, Tin	ne:	Volume:	gal.	
Time	Volume		Conductivity	Temperature	D.O.	ORP
(2400 hr.)	(gal.)	pН	(u mhos/cm)	(C <i>IF</i>)	(mg/L)	(mV)
1032	P	7,24	340	11,1		
1036	- Lon	7.26	334	10,8		
1639	3	7.19	335	10:7		
			BORATORY IN			
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYP			SES
MW - 1-1 MW - 1-1	3 x voa vial Z x amber		HCL HCL	LANCASTER LANCASTER		
MW H	1501 mL11.	Î/	NP	K.P.	Disc Lead	
	,					
COMMENTS:						



ar ar 1991. H.	ChevronTexaco	#21157	7 Job	Number: 3	886765		
-	631 Queen Ann		Ev	ent Date:	1-23-04	(i	nclusiv
lite Address:		<u> </u>	 Sa	mpler: _	BMN		
City:	Seattle, WA			_			
11. 01. 11. 11. 11. 11. 11.		D-4-	Monitored: じる	2-04	Well Condition	on: VTA	
Vell ID	MW - <u>6</u>	Date	Monitored. (a				
Well Diameter	2 in.		Volume	3/4"= 0.02	1"= 0.04 2"= 0. 5"= 1.02 6"= 1.		
Total Depth	1121 ft.		Factor (VF)	4"= 0.66	5"= 1.02 6"= 1.	50 12 515	
Depth to Water	UIH ft.		. 0	(stimated Purge Volu	me: gal.	
	xV	F	_ = x3	(case volume) - L	Time Storted:	(24)	00 hrs)
		Sami	pling Equipment:		Time Started:	(24	00 hrs)
Purge Equipment:			osable Bailer		Depth to Product	·	ft]
Disposable Bailer			sure Bailer		Depth to Water:		ft
Stainless Steel Baile			rete Bailer		Hydrocarbon Thi	ckness:	n
Stack Pump			er:		Visual Confirmati	ion/Description.	
Suction Pump (Othe			Skimmer / Absor	bant Sock (circle one)	
Grundfos					Amt Demoved to	om Skimmer:	gai
Other:					Amt Removed	om Well:	gal
					Product Transfe	rred to:	
			Canditions:				
Start Time (pur	ge):	Weam	her Conditions: _		/ 00	dor:	_
Sample Time/E	Date:/	/	Water Color:	'			
Purging Flow F	Rate: gpm.		ent Description: _		gal.		-
Did well de-wa		If yes, Tim	ne:	Volume:	yai.		
				Temperature	D.O.	ORP	
Time	Volume	XpH	Conductivity (umhos/cm)	(C/F)	/mg/L)	(mV)	
(2400 hr.) (gal.)	/\	(#1111037GIII)	`			_
	/	 .					_
							_
		\			\		
			<u>\</u>				_
				/			_
		LA	BORATORY INFO	PRINATION	-:-	ANALYSES	
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATO	RY TPH-G/BTEX	AIAL: ULU	
MW -	x voa via		HCL	LANCASTE LANCASTE			
MW -	x ambe	YES	HCL	LANCAGIE	.,		
		<u> </u>					
		 					
	1	 	+				
			1				
		1	mire in				
COMMENTS	: Junked	CAI	over well				
COMMENTS	: Impled	CAI	over well				
COMMENTS	: Innked	CNI	over well			Size:	

Purge Equipment: Disposable Bailer Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Other: Start Time (purge): Start Time (purge)	_
Well ID MW - 9 Date Monitored: 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	_(inclusi
Well Diameter 2	_
Total Depth	
Total Depth 27.76 ft. Factor (VF) 4*= 0.66 5*= 1.02 6*= 1.50 12*= 5.80	٦
Purge Equipment: Sampling Equipment: Disposable Bailer Depth to Product Depth to Water: Hydrocarbon Thicknee; Hydroc	
Purge Equipment: Disposable Bailer Disposable Bailer Stack Pump Suction Pump Grundfos Other: Start Time (purge): Start Time (purge): Start Time (purge): Start Time (purge): Start Time	
Disposable Bailer Stainless Steel Bailer Stack Pump Stainless Steel Bailer Disposable Bailer Pressure Bailer Discrete Bailer Depth to Product Pydrocarbon Thicknese: Visual Confirmation/Description: Skimmer / Absorbart Sock (circle on Amt Removed from Well: Product Transferred to: Start Time (purge): Start Time (purge): Start Time (purge): Start Time (purge): Start Time (purge): Sample Time/Date: ggm. Sediment Description: Did well de-water? Water Color: Volume: ggal. Time (2400 hr.) (gal.) PH Conductivity (umhos/cm) C(f) (mg/L) (mV) CAP (mg/L) (mV) LABORATORY INFORMATION SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY LABORATORY TPH-G/BTEX MW - 9 3 x voa vial YES HCL LANCASTER TPH-Dx w/sg	2400 hrs) 2400 hrs)
Start Time (purge): Start Time (purge): Did well de-water? Time (2400 hr.) Volume (2400 hr.) SAMPLE ID (#) CONTAINER REFRIG. PRESERY. TYPE LABORATORY INFORMATION SAMPLE ID (#) CONTAINER REFRIG. PRESERY. TYPE LABORATORY MW - 9 3 x voa vial YES MCL LANCASTER TPH-Dx w/sg MCL in the container	2400 ms) ft
Stack Pump Suction Pump Grundfos Other: Skimmer / Absorbart Sock \ circle on Amt Removed from Skimmer: Amt Removed from Well: Product Transferred to: Start Time (purge): Skimmer / Absorbart is Sock (circle on Amt Removed from Well: Product Transferred to: Skimmer / Absorbart is Sock (circle on Amt Removed from Well: Product Transferred to: Start Time (purge): Skimmer / Absorbart is Sock (circle on Amt Removed from Well: Product Transferred to: Start Time (purge): Skimmer / Absorbart is Sock (circle on Amt Removed from Well: Product Transferred to: Start Time (purge): Start Tim	
Suction Pump Grundfos Other: Skimmer / Absorbant Sock Gircle on Amt Removed from Skimmer: Ant Removed from Well: Product Transferred to: Start Time (purge): Start Time (pur	ft
Skimmer / Absorbant Sock circle or Amt Removed from Skimmer: Ant Removed from Skimmer: Ant Removed from Well: Product Transferred to:	
Other:	
Start Time (purge): 915 Weather Conditions: Clear Odor: YSS Sample Time/Date: 935 / 1 2 Water Color: Clear Odor: YSS Purging Flow Rate: gpm. Sediment Description: Did well de-water? Mo If yes, Time: Volume: gal. Time (2400 hr.) (gal.) pH Conductivity (umhos/cm) (Clf) (mg/L) (mV) 919 1 7.2 356 11.2 923 2.4 7.20 341 10.9 917 3 C 7.17 346 10.9 LABORATORY INFORMATION SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY ANALYSES MW - 9 3 x voa vial YES HCL LANCASTER TPH-G/BTEX MW - 9 3 x voa vial YES HCL LANCASTER TPH-Dx w/sg	
Start Time (purge): 15 Weather Conditions: Clear Odor: VSS	gal
Sample Time/Date: 935/102-04 Water Color: Lew Odor: YES Purging Flow Rate: gpm. Sediment Description: Did well de-water? Wolume (gal.) pH Conductivity (umhos/cm) (Clf) (mg/L) (mV) Purging Flow Rate: gpm. Sediment Description: Time (2400 hr.) (gal.) pH Conductivity (umhos/cm) (Clf) (mg/L) (mV) Purging Flow Rate: gpm. Sediment Description: Time (2400 hr.) (gal.) pH Conductivity (Lambos/cm) (Clf) (mg/L) (mV) Purging Flow Rate: gpm. Sediment Description: Did well de-water? Volume: gal. Ind. 2	
(2400 hr.) (gal.) pH (umhos/cm) (Clf) (mg/L) (mV) 9 19 17 7.26 356 11.2 9 23 2.44 7.70 347 10.9 9 7 3 C 7.17 346 10.8 LABORATORY INFORMATION SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY ANALYSES	- - -
10.9 10.9 10.8	
LABORATORY INFORMATION SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY ANALYSES MW - 9 3 x voa vial YES HCL LANCASTER TPH-G/BTEX MW - 9 2 x amber YES HCL LANCASTER TPH-Dx w/sg	_
LABORATORY INFORMATION SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY ANALYSES MW - 9 3 x voa vial YES HCL LANCASTER TPH-G/BTEX MW - 9 2 x amber YES HCL LANCASTER TPH-Dx w/sg	_
LABORATORY INFORMATION SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY ANALYSES MW - 9 3 x voa vial YES HCL LANCASTER TPH-G/BTEX MW - 9 2 x amber YES HCL LANCASTER TPH-Dx w/sg	_
SAMPLE ID (#) CONTAINER REFRIG. PRESERV. TYPE LABORATORY ANALYSES MW - 9 3 x voa vial YES HCL LANCASTER TPH-G/BTEX MW - 9 2 x amber YES HCL LANCASTER TPH-Dx w/sg	-
MW - 9 3 x voa vial YES HCL LANCASTER TPH-G/BTEX MW - 9 2 x amber YES HCL LANCASTER TPH-Dx w/sg	
MW - 9 2 x amber YES HCL LANCASTER TPH-Dx w/sg	
MW 9 1 SOUML PI, U NT U DISS. LEADY	
COMMENTS:	



	ChevronTexaco			Job Number: 🚊 Event Date:	386765 1-22:04	(inclusiv
Site Address: City:	Seattle, WA	e North		Sampler:	BWN	
Well ID Well Diameter Total Depth	MW - 10 2 in. 28 94 ft.	Date I	Monitored:	3/4"= 0.02 4"= 0.66	1 - 0.04 2 0.11	3"= 0.38 2"= 5.80
Depth to Water	11.99 ft. 14.95 xV	: 17	= 2.8	x3 (case volume) = E	stimated Purge Volume:	gal.
Purge Equipment: Disposable Bailer Stainless Steel Baile Stack Pump		Dispo Press	oling Equipment sable Bailer sure Bailer ete Bailer	<u></u>	Time Started: Time Bailed: Depth to Product: Depth to Water: Hydrocarbon Thickness:_ Visual Confirmation/Qesi	(2400 hrs) (2400 hrs) ft ft ft cription:
Suction Pump Grundfos Other:		Other	r:		Skimmer / Absorbant So Amt Removed from Skin Amt Removed from Wel Product Transferred to:_	ck (circle one) nmer: gal l: gal
Start Time (purg Sample Time/D Purging Flow R Did well de-wat	ate: <u>900 / \ .</u> ate: gpm.	2264 Sedime	er Conditions Water Color nt Description e:	: clear		^ 0
Time (2400 hr.)	Volume	pН	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
838 846 85	5.6	7.26 7.20 7.17	321 317 314	10.8 10.8		
		LAE	BORATORY IN		ANIALX	VCEC .
SAMPLE ID MW - 10 MW - 10	2 x amber	YES YES	PRESERV. TYP HCL HCL N P		R TPH-G/BTEX	75E5
COMMENTS						
A 1 11PS	laced Lock:			Add/Replaced	Plug: Size	e:



Client/Facility #:	ChevronTexac	o #2115	77	Job Number:	386765	
Site Address:	631 Queen An	ne North		Event Date:	1-27~04	(inclusiv
City:	Seattle, WA			Sampler:	RWN	
Well ID	MW - 1	Date	e Monitored:	22-04	Well Condition: 0K	
Well Diameter	2 in.		Volume	3/4"= 0.02	1"= 0.04 2"= 0.17 3"= 0	38
Total Depth			Factor (VF)		5"= 1.02 6"= 1.50 12"=	I
Depth to Water	11.69 ft. 5.472 x	ve : 17	= ,92	x3 (case volume) =	Estimated Purge Volume:	gal.
		-			Time Started:	(2400 hrs)
Purge Equipment:	./		npling Equipment:	\mathcal{J}	Time Bailed:	(2400 hrs) ft
Disposable Bailer Stainless Steel Bailer			posable Bailer ssure Bailer	•	Depth to Product. Depth to Water:	't'
Stack Pump			crete Bailer		Hydrocarbon Thickness:	ft
Suction Pump			ner:		Visual Confirmation/Deccription	on:
Grundfos					Skimmer / Absorbant Sock (ci	rcle one)
Other:					Amt Removed from Skimmer:	gal
					Amt Removed from Well: / Product Transferred to:	gal
					Froduct Transferred to.	
Start Time (purge			ther Conditions:		Odor: No	
Sample Time/Da		22-04			Odor. <u>10</u>	
Purging Flow Ra			ent Description:		gal.	
Did well de-wate	r? <u>w</u>	if yes, i in	ne:	Volume:	gai.	
Time (2400 hr.)	Volume (gal.)	рН	Conductivity (u mhos/cm)	Temperature (C/ / /)		RP nV)
1018	- James	7,40	361	10.9		
1021		7.31	357	10.8		****
1023	3	7,24	354	10.8		
			BORATORY INF		RY ANALYSES	
SAMPLE ID MW - 11	(#) CONTAINER	REFRIG. YES	PRESERV. TYPE	LABORATOR LANCASTER		
MW - 11	3 x voa vial	YES	HCL	LANCASTER		
MWII	1 500 m. Pl.	41	NF	V	Dissi, Let d	
COMMENTS:						
Add/Repla	ced Lock:		,	Add/Replaced I	Plug: Size:	



Client/Facility #:				7	Job Number: Event Date:	386765 1-22-04	(inclusive
Site Address:	631 Que	en Anne	North			BWIN	
City:	Seattle, \	NA			Sampler:		
Well ID Well Diameter Total Depth	MW - 2	in.	Date	Monitored: Volume Factor (V	3/4"= 0.02 4"= 0.66	Well Condition: 1"= 0.04 2"= 0.17 5"= 1.02 6"= 1.50	3"= 0.38 12"= 5.80
Depth to Water	6.11	ft xVF	_	= \\ Dling Equipmer		Estimated Purge Volume Time Started: Time Bailed:	(2400 hrs) (2400 hrs)
Purge Equipment: Disposable Bailer Stainless Steel Bai Stack Pump	<u> </u>		Dispo Press Discr	osable Bailer sure Bailer rete Bailer r:		Depth to Product: Depth to Water: Hydrocarbon Thickr Visual Confirmation	Description:
Suction Pump Grundfos Other:			Othe			Skimmer / Absorbar Amt Removed from Amt Removed from Product Transferred	Well:gai
Start Time (pu			Weath	ner Condition	ns: Clou or: Yea	Odo	r: _W 0
Sample Time/ Purging Flow Did well de-w	Rate:	gpm.		ent Descriptione:	n:		
Time (2400 h	Vol	ume al.)	рН	Conductivity (u mhos/cm)	Temperatur (C /	e D.O. (mg/L)	ORP (mV)
948			7.34 7.31	346 340	10.9		
95			7,21	333	10.8		<u> </u>
	:			BORATORY	NFORMATION		
SAMPLE	D (#) CO	NTAINER	REFRIG.	PRESERV. T	PE LABORAT	01(1	NALYSES
MW -		x voa vial	YES	HCL	LANCAS*		
MW -	12 Z 12 150	x amber	YES V	HCI HCI	- V	Diss, Lead	
nw				 			
nW							



		#211577	Job Number:	386765	
Site Address:	631 Queen Anne	e North	Event Date:	1-22-02	(inclusiv
City:	Seattle, WA		Sampler:	BWN	
Vell ID	MW - 13	Date Monitored:	1-22-04	Well Condition:	K
Vell Diameter Total Depth Depth to Water	2 in.	Volume Factor (\	3/4"= 0.02 /F) 4"= 0.66	1"= 0.04 2"= 0.17 3"= 0.0 5"= 1.02 6"= 1.50 12"= 5	i
Jepui to Water		==	_ x3 (case volume) =	Estimated Purge Volume:	gal.
ourge Equipment:		Sampling Equipmen	nt:	Time Started:	(2400 hrs)
Disposable Bailer	 	Disposable Bailer Pressure Bailer		_ Depth to Product: Depth to Water:	
Stainless Steel Baile Stack Pump Suction Pump		Discrete Bailer Other:		Hydrocarbon Thickness:	ft
Grundfos Other:				Skimmer / Absorbant Sock (cin Amt Removed from Skimmer: Amt Removed from Well:	gal
			N.	Product Transferred to:	
Start Time (purg Sample Time/D Purging Flow R Did well de-wat	ate: / ate: gpm.	Weather Condition Water Cold Sediment Description f yes, Time:	or: n:		
Time a	1/-1	Conductivity	Temperature	D.O.\ OF	RP
Time (2400 hr.)	Volume (gal.)	pH Conductivity (u mhos/cm)	Temperature (C/F)	,	RP nV)
	,				
	,				
(2400 hr.)	(gal.)	LABORATORY IN	(C/F)	(mg/L) (m	
(2400 hr.)	(gal.)	LABORATORY IN REFRIG. PRESERV. JYI	(C/F)	(mg/L) (m	
(2400 hr.)	(gal.)	LABORATORY IN	(C/F)	RY ANALYSES R TPH-G/BTEX	
SAMPLE ID	(gal.) (#) CONTAINER x voa vial	LABORATORY IN REFRIG. PRESERV. JYI YES HCL	IFORMATION PE LABORATOR LANCASTE	RY ANALYSES R TPH-G/BTEX	



	ChevronTexaco	#211577	Job Number:	386765	
•			- Event Date:	1-23-04	(inclusiv
ite Address:	631 Queen Anno	e North	Sampler:	BWN	
ity:	Seattle, WA		<u> </u>		
Vell ID	MW - 14	Date Monitored	1-23-04	Well Condition:	MA
Vell Diameter	2 in.			1"= 0.04 2"= 0.17	3"= 0.38
otal Depth	THE Ft.	Volun Facto	r (VF) 4"= 0.66	5"= 1.02 6"= 1.50	12"= 5.80
Depth to Water		L		Fatimated Purge Volume:	gal.
•	xVI	==	x3 (case volume) =	Estimated Purge Volume: _	(2400 hrs)
		Sampling Equip	ment:	Time Started:	(2400 hrs)
Purge Equipment:				Depth to Product:	'``
Disposable Bailer		Disposable Bailer		Depth to Water:	
Stainless Steel Baile		Pressure Bailer		Hydrocarbon Thicknes	s:π
Stack Pump		Discrete Bailer		Visual Confirmation/De	escription:
Suction Pump		Other:		Skimmer / Absorbant	Sock (circle one)
Grundfos				Amt Removed from SI	dimmer: gai
Other:	<u> </u>			Amt Removed from W	'ell: ^{gai}
	\			Product Transferred to):
Start Time (purg	ge):	Weather Condit	``	Odor	
Sample Time/D			Color:		
Purging Flow F		Sediment Descri		\	
Did well de-wa		If yes, Time:	Volume:	gal.	
	Volume	Conductiv	ity Temperatur	e D.O. (mg/L)	ORP (mV)
Time (2400 hr.)		pH (u mhos/ci	m) (C/F)	(IIIg/L)	(,
	/			_/	
	/.		<u> </u>	—/ — 	
					
				/	
<u></u>				/	
		\\	/		
	7	LABORATOF	RY INFORMATION		LVCEC
S. Mail P. In	(#) CONTAINER	REFRIG. PRESER	TYPE LABORAT	OKT	ALYSES
SAMPLE ID	(#) CUN/ AINEK	LIC UC	L LĄŃCAS		
MW -	/ x amber	LIC LIC	L ĻÁNCAS	TER TPH-Dx w/sg	
10100 -	/ / /				
COMMENTS	: Car pa	rked over	Well		
J J					
				ed Plug:	Size:

Client/Facility #:	ChevronTexac	o #2115	77 .	Job Number:	386765	
Site Address:	631 Queen An	ne North		Event Date:	1-23:04	(inclusi
City:	Seattle, WA			Sampler:	BWN	
Well ID	MW - (5	Date	e Monitored:	1-23-04	Well Condition:	ok
Well Diameter	2 in.		Volume	3/4"= 0.02	1"= 0.04 2"= 0.17	3"= 0.38
Total Depth	24.80 ft.		Factor (VF)		5"= 1.02 6"= 1.50	12"= 5.80
Depth to Water	8.94 ft. 15.86 x	vf	_= 2,6,	(3 (case volume) =	Estimated Purge Volume:	<i>໘</i> gal.
D		S	line Equipment	1	Time Started:	(2400 hrs)
Purge Equipment: Disposable Bailer			npling Equipment: posable Bailer	V	Time Bailed:	(2400 hrs)
Stainless Steel Bailer			ssure Bailer	V	Depth to Water:	
Stack Pump			crete Bailer		Hydrocarbon Thickness	
Suction Pump			ner:		Visual Confirmation/Des	saription:
Grundfos					Skimmer / Absorbant &	ock (circle one)
Other:					Amt Removed from Ski	mmer: gal
					Amt Removed from We	
					Product Transferred to:	
Start Time (purge) Sample Time/Dat Purging Flow Rat	e: 1070 //-	23.04	ther Conditions: Water Color: ent Description:	clear	Odor:	nd
Did well de-water	? <u>no</u>	If yes, Tin	ne:	Volume:	gal.	
Time (2400 hr.)	Volume (gal.)	рН	Conductivity (u mhos/cm)	Temperature (C//F)	D.O. (mg/L)	ORP (mV)
1008	2.5	7.31	352	10.9		
10/6	5	7,26	349	10.8		
1024	8	7,22	341	10.7		
			BORATORY INFO		S. 1	vere 1
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATOR		353
MW - 15	3 x voa vial 2 x amber	YES YES	HCL HCL	LANCASTER LANCASTER		
-W 15	2 x amber 1 500 ml pl.	1.	NE	LANCASTER	Diss. Lead	
	C SON MAY IT.	¥		Y		
COMMENTS:						
Add/Replac	ed Lock		Δ	dd/Replaced F	Plug: Size	o:
, opido			•	•	-	-



	ChevronTexaco	#211577	Job Number:	386765	
ient/Facility#:	631 Queen Ann		Event Date:	1-23-04	(inclusi
te Address:		e itortii	 Sampler:	BWN	
ty:	Seattle, WA		Gampier.		
	.,		ed: 1-23-04	Well Condition: (/	r.A
/ell ID	<u> </u>	Date Monitor	ea: (, o, o, o, t		
/ell Diameter	2 in.	Vo	olume 3/4"= 0.02	2 1 - 0.04	= 0.38 = 5.80
otal Depth	ft.	Fa	ctor (VF) 4"= 0.66	5"= 1.02 6"= 1.50 12"=	5,60
epth to Water	$VIJ \setminus ft.$			Euro Volumet	gal.
	xVI	==	x3 (case volume)	= Estimated Purge Volume:	(0.400 1)
		a	inmont	Time Started: Time Bailed:	
urge Equipment:		Sampling Equ		Depth to Product:	
isposable Bailer		Disposable Bai		Depth to Water:	
tainless Steel Baile	er	Pressure Baile Discrete Bailer		Hydrocarbon Thickness:	ft
stack Pump		Other:		Visual Confirmation/Descri	ption:
Suction Pump		Other	1	Skimmer / Absorbant Sock	(circle one)
Grundfos			/	Amt Removed from Skimm	ner: gai
Other:		,	/	Amt Removed from Well:_ Product Transferred to:	
		/		Product Transferred to:	
Ot - d Time - /		Weather Con-	ditions:		
Start Time (pur			r Color:	/ Odor:	
Sample Time/E		Sediment Desc			
Purging Flow F		If yes, Time:	- \	/ gal.	
Did well de-wa	ter?	If yes, Time			
Time	Volume	Conduc	tivity Temperatu	re \ \ D.O.	ORP (mV)
(2400 hr.	\	pH (umhos	/cm) (C/F)	(mg/L)	(•)
•					
		\ /		/ \	
		<u> </u>		/ 	
		$\succeq =$			
		LABORATO	ORY INFORMATION		FS
SAMPLEID	(#) CØNTAINER	LABORATO REFRIG. PRESE	RV. TYPE LABORAT		ES
SAMPLE ID	(#) CØNTAINER x voa vial	REFRIG. PRESER	RV. TYPE LABORAT	TER TPH-G/BTEX	ES
		REFRIG. PRESER	RV. TYPE LABORAT	TER TPH-G/BTEX	ES
MW -	x voa vial	REFRIG. PRESE	RV. TYPE LABORAT	TER TPH-G/BTEX	ES
MW -	x voa vial	REFRIG. PRESE	RV. TYPE LABORAT	TER TPH-G/BTEX	ES
MW -	x voa vial	REFRIG. PRESE	RV. TYPE LABORAT	TER TPH-G/BTEX	ES
MW -	x voa vial x amber	REFRIG. PRESEI YES H	RV. TYPE L'ABORAT	TER TPH-G/BTEX	ES
MW -	x voa vial x amber	REFRIG. PRESE	RV. TYPE L'ABORAT	TER TPH-G/BTEX	ES
MW -	x voa vial x amber	REFRIG. PRESEI YES H	RV. TYPE L'ABORAT	TER TPH-G/BTEX	ES



Client/Facility #:	ChevronTexac	co #2115	77 _ J	ob Number:	386765		
Site Address:	631 Queen An	ne North	E	vent Date:	1-23-04		(inclusiv
City:	Seattle, WA			- Sampler:	BWN		
				-			
Well ID	MW -\7_	Date	e Monitored:	-23-04	Well Condition:	ok	
Well Diameter	2 in.		Volume	3/4"= 0.02	1"= 0.04 2"= 0.17	3"= 0.38	
Total Depth	24.85 ft.		Factor (VF)	4"= 0.66	5"= 1.02 6"= 1.50	12"= 5.80	
Depth to Water	9,48 ft.		<u> </u>	***		S nal	
	15.37	VF	= <u> </u>	3 (case volume) = E	stimated Purge Volume:	gal.	
		•		1	Time Started:		00 hrs)
Purge Equipment:	$\sqrt{}$		npling Equipment:	J	Time Bailed: Depth to Product:	(24	00 hrs) ft
Disposable Bailer Stainless Steel Bailer			oosable Bailer ssure Bailer		Depth to Water:		f
Stack Pump			crete Bailer		Hydrocarbon Thickness		ft
Suction Pump		Oth	er:		Visual Confirmation/D	escription:	
Grundfos					Skimmer / Absorbant	Sock (circle one)	
Other:					Amt Removed from S	kimmer:	
					Amt Removed from W Product Transferred to		gal
Start Time (purg- Sample Time/Da	· ———	23-04	her Conditions: Water Color:	clear	7 Odor:	W	
Purging Flow Ra			ent Description:				
Did well de-water	er? <u>M</u>	If yes, Tim	ne:	Volume:	gal.		
Time (2400 hr.)	Volume (gal.)	рН	Conductivity (u mhos/cm)	Temperature (C/ f)	D.O. (mg/L)	ORP (mV)	
1053	2.5	7.29	347	10.9			
1107	5	7.70	340	10.8			
1109	<u> </u>	7,17	337	10,0			
			BORATORY INFO	DOMATION			
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATOR	Y ANAL	YSES	
MW - 17	3 x voa via		HCL	LANCASTER	TPH-G/BTEX		
MW - 17	2 x ambe	YES	HCL	LANCASTER			
MWI	1 500 mLP1.	*	W ^c	4	Dissi Lend		_
						<u> </u>	
COMMENTS:	*						
A A CONTINUE IN L.3.							
COMMENTO.							



ity: 	Seattle, WA	e North		Event Date: Sampler:	1-22-024 BWN	(inclusive
/ell ID	FMW-2	Date	Monitored: 1	2204	Well Condition: 0 K	
Vell Diameter otal Depth	후 및 in. 리,부인 ft.		Volume Factor (VF	3/4"= 0.02 4"= 0.66	1"= 0.04 2"= 0.17 3"= 0.3 5"= 1.02 6"= 1.50 12"= 5.	
epth to Water	10,22 ft.	/F	_ =	x3 (case volume) =	Estimated Purge Volume:	gal.
Purge Equipment: Disposable Bailer	<i>y</i>	Dispo	oling Equipment	1	Time Started: Time Bailed: Depth to Product: Depth to Water:	(2400 hrs) (2400 hrs) ft f
Stainless Steel Bailer Stack Pump		Discr	sure Bailer ete Bailer r:		Hydrocarbon Thickness: Visual Confirmation/Description	
Suction Pump Grundfos Other:					Skimmer / Absorbant Sock (cir Amt Removed from Skinmer:_ Amt Removed from Welf: Product Transferred to:	gai
Start Time (purg Sample Time/D Purging Flow R	ate: 1105 / \cdot ate: gpm.	22.04 Sedime	ner Conditions Water Color ant Description	: <u> </u>	Odor: <u>^0</u>	
Did well de-wat Time (2400 hr.)	Volume	If yes, I im	e: Conductivity (u mhos/cm)	Temperature	D.O. OI	RP nV)
1100		7,28	341	10.8		
		LA	BORATORY IN	FORMATION	- VOES	
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYP			
HATE- PW			HCL	LANCAST LANCAST		
BN Z	1 500 mL pl.	r YES	HCL NF	↓ ↓	Piss. Lond	
COMMENTS	: Only pu	rged 5	gal dne	to locat	ion behind locked	gate



Client/Facility #:	ChevronTexac	o #21157	77 J	lob Number:	386765	
Site Address:	631 Queen Ani	ne North	E	Event Date:	1-22-04	(inclusiv
City:	Seattle, WA			Sampler:	BWN	
Well ID	FWW-3	Date	e Monitored: _\	2204	Well Condition:	Large Grates
Well Diameter Total Depth Depth to Water	18:30 ft.	/F	Volume Factor (VF)		1"= 0.04 2"= 0.17 5"= 1.02 6"= 1.50 Estimated Purge Volume:	3"= 0.38 12"= 5.80
Purge Equipment: Disposable Bailer Stainless Steel Bailer Stack Pump Suction Pump Grundfos Other:		Sam Disp Pres Disc	npling Equipment: posable Bailer ssure Bailer crete Bailer er:	J	Time Started: Time Bailed: Depth to Product: Depth to Water: Hydrocarbon Thicknes Visual Confirmation/D Skimmer / Absorbant of Amt Removed from SI Amt Removed from W Product Transferred to	(2400 hrs) (2400 hrs) ft ft ss:ft escription: Sock (circle one) kimmer: gal /ell: gal
Start Time (purg Sample Time/Da Purging Flow Ra Did well de-wate	ate: 1205 / 10 ate: gpm.	<u> </u>	her Conditions: Water Color: ent Description:	Cloud Clean Volume:		ho
Time (2400 hr.)	Volume (gal.)	рН	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1200		7.28	351 	10.7		
		LA	BORATORY INF	ORMATION		
SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATOR		YSES
FINE PW		YES	HCL	LANCASTER		
RW 3		YES	NP HCL	LANCASTER	TPH-Dx w/sg D:53, LtN	
					V	
COMMENTS:	3 Large	PIPES	connected	to wall	to open and casing	close *
	Dine to local	ion h	und bailed 1	v 5 gal		
Add/Repla	aced Lock:		A	Add/Replaced I	Plug:Siz	ze:



	ChevronTexaco	#211577	Job Number:	360703	
	631 Queen Anno		Event Date:	1-22-94	(inclusiv
ite Address:		5 1101111	Sampler:	BWN	
ity:	Seattle, WA				
	MA CW	Date Monitored:	1-22-04	Well Condition: V	TH.
Vell ID		Date Monitorous	<u> </u>	0) 0.47	3"= 0.38
Vell Diameter	2 in.	Volum Factor		1 = 0.04 2 0.11	2"= 5.80
otal Depth	- 1/1 ft.	Factor	(VF) 4 0.00		
Depth to Water	V 151 ft.	==	x3 (case volume) = I	Estimated Purge Volume:	gal.
	XVI		,	Time Started:	(2400 hrs)
urge Equipment:		Sampling Equipm	nent:	Time Bailed:	(2400 hrs)
Disposable Bailer		Disposable Bailer	7	Depth to Product: Depth to Water:	
Stainless Steel Baile	r	Pressure Bailer		Hydrocarbon Thickness:	ft
Stack Pump		Discrete Bailer		Visual Confirmation/Des	cription:
Suction Pump		Other:		Skimmer / Absorbant Sc	ock (circle one)
Grundfos				Amt Removed from Skir	nmer: gal
Other:				Amt Removed from We Product Transferred to:	ll: gal
		/		Product Transferred to.	
Chart Times (muse	1:	Weather Conditi	ons:		
	Je)\	1		/ Odor:	
Start Time (purg		∖ / Water C	olor:	Oddi	
Sample Time/D)ate:/			Oddi	
Sample Time/D Purging Flow R	Pate: / Rate: gpm.	Sediment Descrip	tion:		
Sample Time/D	Pate: / Rate: gpm.		tion: Volume:	gal.	
Sample Time/D Purging Flow R	Pate: / Rate: gpm.	Sediment Descrip If yes, Time: Conductivit	Volume:	gal.	ORP (mV)
Sample Time/D Purging Flow R Did well de-wat	date: / date: gpm. der? Volume	Sediment Descrip If yes, Time:	Volume:	gal.	ORP
Sample Time/D Purging Flow R Did well de-wat	date: / date: gpm. der? Volume	Sediment Descrip If yes, Time: Conductivit	Volume:	gal.	ORP
Sample Time/D Purging Flow R Did well de-wat	date: / date: gpm. der? Volume	Sediment Descrip If yes, Time: Conductivit	Volume:	gal.	ORP
Sample Time/D Purging Flow R Did well de-wat	date: / date: gpm. der? Volume	Sediment Descrip If yes, Time: Conductivit	Volume:	gal.	ORP
Sample Time/D Purging Flow R Did well de-wat	date: / date: gpm. der? Volume	Sediment Descrip If yes, Time: Conductivit	Volume:	gal.	ORP
Sample Time/D Purging Flow R Did well de-wat	date: / date: gpm. der? Volume	Sediment Descrip If yes, Time: Conductivit	Volume:	gal.	ORP
Sample Time/D Purging Flow R Did well de-wat	date: / date: gpm. der? Volume	Sediment Descrip If yes, Time: Conductivit (u mhos/cm	Volume: Yolume: (C/F)	gal.	ORP
Sample Time/D Purging Flow R Did well de-wat Time (2400 hr.)	Volume (gal.)	Sediment Descrip If yes, Time: Conductivit (u mhos/cm	Volume: Yolume: Y Temperature (C/F) Y INFORMATION	gal. D.O. (mg/L)	ORP (mV)
Sample Time/D Purging Flow R Did well de-war Time (2400 hr.)	vate: / cate: gpm. ter? Volume (gal.) (#) CØNTAINER	Sediment Descrip If yes, Time: Conductivit (u mhos/cm LABORATOR REFRIG. PRESERV.	Volume: Yolume: Y Temperature (C/F) Y INFORMATION	gal. D.O. (mg/L)	ORP (mV)
Sample Time/D Purging Flow R Did well de-war Time (2400 hr.)	vate: / cate: gpm. ter? Volume (gal.) (#) CØNTAINER x voa vial	Sediment Descrip If yes, Time: Conductivit (u mhos/cm	Volume: Yolume: Yolume: Y Temperature (C/F) Y INFORMATION TYPE / LABORATO	gal. D.O. (mg/L) ANAL RY ANAL	ORP (mV)
Sample Time/D Purging Flow R Did well de-war Time (2400 hr.)	vate: / cate: gpm. ter? Volume (gal.) (#) CØNTAINER	Sediment Descrip If yes, Time: PH Conductivit (u mhos/cm LABORATOR) REFRIG. PRESERV. YES HCL	Volume: Y INFORMATION TYPE / LABORATO	gal. D.O. (mg/L) ANAL RY ANAL	ORP (mV)
Sample Time/D Purging Flow R Did well de-war Time (2400 hr.)	vate: / cate: gpm. ter? Volume (gal.) (#) CØNTAINER x voa vial	Sediment Descrip If yes, Time: PH Conductivit (u mhos/cm LABORATOR) REFRIG. PRESERV. YES HCL	Volume: Y INFORMATION TYPE / LABORATO	gal. D.O. (mg/L) ANAL RY ANAL	ORP (mV)
Sample Time/D Purging Flow R Did well de-war Time (2400 hr.) SAMPLE ID MW - MW -	vate: / cate: gpm. ter? Volume (gal.) (#) CØNTAINER x voa vial	Sediment Descrip If yes, Time: PH Conductivit (u mhos/cm LABORATOR) REFRIG. PRESERV. YES HCL	Volume: Y INFORMATION TYPE / LABORATO	gal. D.O. (mg/L) ANAL RY ANAL	ORP (mV)
Sample Time/D Purging Flow R Did well de-war Time (2400 hr.) SAMPLE ID MW - MW -	vate: / cate: gpm. ter? Volume (gal.) (#) CØNTAINER x voa vial x amber	Sediment Descrip If yes, Time: PH Conductivit (u mhos/cm LABORATOR REFRIG. PRESERV. YES HCL YES HCL	Y INFORMATION TYPE / LABORATO LANCASTE	gal. D.O. (mg/L) ANAL RY ANAL	ORP (mV)
Sample Time/D Purging Flow R Did well de-war Time (2400 hr.) SAMPLE ID MW - MW -	vate: / cate: gpm. ter? Volume (gal.) (#) CØNTAINER x voa vial x amber	Sediment Descrip If yes, Time: PH Conductivit (u mhos/cm LABORATOR) REFRIG. PRESERV. YES HCL	Y INFORMATION TYPE / LABORATO LANCASTE	gal. D.O. (mg/L) ANAL RY ANAL	ORP (mV)
Sample Time/D Purging Flow R Did well de-wat Time (2400 hr.) SAMPLE ID MW - MW -	vate: / cate: gpm. ter? Volume (gal.) (#) CØNTAINER x voa vial x amber	Sediment Descrip If yes, Time: PH Conductivit (u mhos/cm LABORATOR REFRIG. PRESERV. YES HCL YES HCL	Y INFORMATION TYPE / LABORATO LANCASTE	gal. D.O. (mg/L) ANAL RY ANAL	ORP (mV)



Client/Facility #:	ChevronTexa	co #2115	77	Job Number:	386765	
Site Address:	631 Queen Ar			Event Date:	1-22-04	 (inclusive
City:	Seattle, WA			Sampler:	bww	
Well ID	RMW-5	Dat	e Monitored:	1-22-04	Well Condition: Ok	- No Play
Well Diameter Total Depth	17.75 ft.		Volume Factor (VF	3/4"= 0.02) 4"= 0.66	1"= 0.04 2"= 0.17 3"= 0.17 5"= 1.02 6"= 1.50 12"=	0.38 5.80
Depth to Water	11.52 ft.	xVF		x3 (case volume) =	Estimated Purge Volume:	gal.
Purge Equipment: Disposable Bailer Stainless Steel Baile Stack Pump Suction Pump Grundfos Other:		Dis Pre Dis	mpling Equipment: sposable Bailer essure Bailer screte Bailer ner:	<u></u>	Time Started: Time Bailed: Depth to Product: Depth to Water: Hydrocarbon Thickness: Visual Confirmation/Descripti Skimmer / Absorbant Soci (Amt Removed from Skimmer Amt Removed from Well: Product Transferred to:	circle one)
Start Time (pure Sample Time/D Purging Flow R Did well de-wat	Date: 135 / (-)	<u> </u>	ther Conditions: Water Color: ent Description: ne: <u> 130</u>	cleac	Odor: n6	
Time (2400 hr.)	Volume	pH	Conductivity (u mhos/cm)	Temperature (C//)	D.O. (DRP mV)
1130		7:18	370	10.8		
		LA	BORATORY INF	ORMATION		
SAMPLE ID			PRESERV. TYPE HCL	LANCASTER	TPH-G/BTEX	
RW 5	5 x ambe		N.b.	LANCASTER	TPH-Dx w/sg	
COMMENTS:	Large	grate	well ope	no pl	ing	
	ONLY	. TPH (1	D) Amber ta	Ken		
Add/Repl	aced Lock:		A	Add/Replaced F	Plug: Size:	

Chevron Northwest Region Analysis Request/Chain of Custody

4	Lancaster Laborator	<u>ies</u>
W	Where quality is a science.	

(I) I and actor I aboratories			i. V.	1	12/4	Λ.	For l	ancester U20	Labora	tories :	ıse on	scr#:Pag	rlo	f 2
Lancaster Laboratories Where quality is a science.			Acc	# :	100	<u>∪</u> s		lyses Re			<u> </u>	# 88252	6	
					┼──		Pre	servation	n Code	\$		Preservati	ve Codes	,
Facility #: SS#211577 G-R#386765			Matrix			Т	H H						= Thiosu	
The state of the s						1	W					1 10 1	3 = NaOH) = Other	
Site Address 631 Queen Anne North. SEAT					Naphth		174					0 - 11200.		
Chevron PM: BH Lead	Consultant: SAK	CLB	a S:	Đ S	2		802	9 0	5			☐ J value reportin		_ !:#-
Consultant/Office: G-R, Inc. 6747 Sierra Co	urt, Suite I, Dub	lin, Ca. 94568	Potable NPDES	îtain	8260		S &	S est	E Cal	74. 4		Must meet lower possible for 826	est detection 30 compou	nds
Consultant Prj. Mgr. Deanna L. Harding (de				of Containers			火 &	Silica Gel Cleanup iss. [2] Method	- quantification			8021 MTBE Confi		
Consultant Phone #:925-551-7555	4.6	5-551-7899		p	8021	9	E 3	88 88	-1 17			Confirm MTBE	+ Naphtha	
Sampler: Ben Newton			1	미활	ש ש	Oxygenates	TPHG+8TE		NWTPH H HCID			Confirm highes		60
	on SAR:	Time Composite	1	OH C Air C	BTEX + MTBE	8	TPH G.		포			☐ Confirm all hits ☐ Runoxy		t hit
Service Order #: LING		Time & & & & & & & & & & & & & & & & & & &	Soil	10tal	ă s		XX	Lead Tota VPH/EPH	₩ ¥	`		□ Runoxy		
Sample Identification		ollected ඊ ඊ	ŏ <u>≥</u>	+	<u>a</u> [a	3 1			2	_				
6A	1-21-04 =	- x		2			X		-+-+	+-	-	Comments/Right * Please for d lea Only 17 for VI	C-11 -	
VP I		to X	$\perp \mid \times$	5		_	14		++	<u> </u>	-	-1 1 TICASE -	tilter	
VPZ		30 X	1 1 7	5	_	_	Z Z				++	tor d	issolv	e
YP 5 (MW 5)		15 1	110	6	4	_	XX		++	- -	+	- ' ' ' '	ا مدا	~ 4 ·
YP 7 (MW 3)		20 X	X	1			XX		-		1-1	- Ica	d.本了	211
VP & CMW 7)		M5 X	1 1 1 1	1 6	1-1	-	CK	,	$\dashv \dashv$	_	1-1		70 (M	2
MW 4		745 X	$++\chi$	1. 6	4-+	\dashv	KK	$ \mathcal{L} $	- - 		1-1	- Only 7	PH CW	
MW 9		35 X	113	ما ا	'- -		K K	XX	+		╁╌╂	for VI	11+1	12
MW 10		200 X	$\perp \mid X$	ع ا را	-	\dashv	X				++			
Man IP		30 X	$X \mid X$	1 16	4-1	- -	13 K	<u> </u>	$\dashv \dashv$		╂═╂			-1
Mw 12		00 X	1 4	1 6	4-		 	$\frac{2}{2}$		-	1-1	-		
MW 15		230 X	115	1-15	<u>'</u>		+C+	$\Im Q $			1-1	-		
MW [7		Relinquished by Relinquished by	\perp			ᆜ	Date	Time	Pacei	ved by:	i	V	Date	Time
Turnaround Time Requested (TAT) (please cir	cle)	Relinquished by	1	<u> </u>			1-26-04	l	1,000	vou by.	~			
STD. TAT 72 hour 48 hou		Relinguished by	, Dérom				Date	Time	Recei	ved by:			Date	Time
24 hour 4 day 5 day	•	. tom addisting by	•				-							
Data Package Options (please circle if required)		Relinquished by	r.	· · · · · · · · · · · · · · · · · · ·		abla	Date	Time	Recei	ved by:			Date	Time
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Chevron Northwest Region Analysis Request/Chain of Custouy For Lancaster Laboratories use only Page 2 of 2

Lancaster Laborat	ories					Ac	ct. #: _	\prod_{i}	2U[)	Sampl	e #:	42	<u>64</u>	Ja	23-	<u>53</u>		SCR#:		<u> </u>
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Chevron PM: BH	Lead	Consultant:	SAICLB		Γ			2	Page		708								☐ J value report		
Consultant/Office: G-R Inc., 674	7 Sierra Co	urt, Suite J.	Dublin, Ca	9456	8	table OES				.		5.9	g E	.	5	-			☐ Must meet lov	vest detecti	on limits
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ANALYTICAL RESULTS

Prepared for:

ChevronTexaco 6001 Bollinger Canyon Road L4310 San Ramon CA 94583 925-842-8582

Prepared by:

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



GETTLER RYAY - DYC.

SAMPLE GROUP

The sample group for this submittal is 882526. Samples arrived at the laboratory on Tuesday, January 27, 2004. The PO# for this group is 99011184 and the release number is HUNTER.

	Lancaster Labs Number
Client Description	4204723
QA Water Sample	4204724
VP1 Grab Water Sample	4204725
VP1 Filtered Grab Water Sample	4204726
VP2 Grab Water Sample	4204727
VP2 Filtered Grab Water Sample	4204728
VP5(MW5) Grab Water Sample	4204729
VP5(MW5) Filtered Grab Water Sample	4204730
VP7(MW3) Grab Water Sample	4204731
VP7(MW3) Filtered Grab Water Sample	4204732
VP8(MW7) Grab Water Sample	4204733
VP8(MW7) Filtered Grab Water Sample	4204734
MW4 Grab Water Sample	4204735
MW4 Filtered Grab Water Sample	4204736
MW9 Grab Water Sample	4204737
MW9 Filtered Grab Water Sample	4204738
MW10 Grab Water Sample	4204739
MW10 Filtered Grab Water Sample	4204740
MW11 Grab Water Sample	4204741
MW11 Filtered Grab Water Sample	4204742
MW12 Grab Water Sample	4204743
MW12 Filtered Grab Water Sample	4204744
MW15 Grab Water Sample	4204745
MW15 Filtered Grab Water Sample	4204746
MW17 Grab Water Sample	4204747
MW17 Filtered Grab Water Sample	4204748
RW2 Grab Water Sample	4204748
RW2 Filtered Grab Water Sample	4204749
RW3 Grab Water Sample	4204750
RW3 Filtered Grab Water Sample	4204/31



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RW5 Grab Water Sample RW5 Filtered Grab Water Sample 4204752 4204753

max & Snavely

1 COPY TO ELECTRONIC COPY TO SAIC Gettler Ryan Attn: Ms. Deanna Harding Attn: Michael Sharaeff

Questions? Contact your Client Services Representative Teresa L Cunningham at (717) 656-2300.

Respectfully Submitted,

Max E. Snavely Senior Chemist



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Page 1 of 1

Lancaster Laboratories Sample No. WW 4204723

QA Water Sample

Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA

Collected:01/21/2004 00:00

through 01/23/2004 00:00

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:34

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

6001 Bollinger Canyon Road

L4310

San Ramon CA 94583

QANOR

			1	As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
08213	BTEX (8021)					
00776	Danzono	71-43-2	N.D.	0.5	ug/l	1
00776	Benzene	108-88-3	N.D.	0.5	ug/l	1
00777	Toluene	100-41-4	N.D.	0.5	ug/l	1
00778	Ethylbenzene	1330-20-7	N.D.	1.5	ug/l	1
00779	Total Xylenes A site-specific MSD sample was			A LCS/LCSD		
	A site-specific MSD sample was	not submitted	curacy at a hatch	level.		
	was performed to demonstrate pr	ecision and ac	curacy at a bacc.	. 10.01		
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters A site-specific MSD sample was was performed to demonstrate pa	n.a. not submitted recision and ac	N.D. for the project. curacy at a batch	50. A LCS/LCSD n level.	ug/l	1

State of Washington Lab Certification No. C259

Laboratory	Chron	icle

G3.57		Laboratory	CILO.	Analysis		Dilution
CAT No. 08213 08274	Analysis Name BTEX (8021) TPH by NWTPH-Gx waters GC VOA Water Prep	Method SW-846 8021B TPH by NWTPH-Gx - 8015B Mod. SW-846 5030B	_	Date and Time 01/30/2004 08:08 01/30/2004 08:08 01/30/2004 08:08	Analyst Linda C Pape Linda C Pape Linda C Pape	Factor 1 1 n.a.



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Page 1 of 2

Lancaster Laboratories Sample No. WW 4204724

VP1 Grab Water Sample

Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA

Collected: 01/21/2004 11:10 by H

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

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L4310

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VP1ZZ

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor			
02211	TPH by NWTPH-Dx(water) w/SiGel								
02095	Diesel Range Organics	n.a.	17,000.	820.	ug/l	10			
02096	Heavy Range Organics	n.a.	3,200.	1,000.	ug/l	10			
08213	3 BTEX (8021)								
00776	Benzene	71-43-2	11.	1.0	ug/l	5			
00777	Toluene	108-88-3	6.2	1.0	ug/l	5			
00778	Ethylbenzene	100-41-4	N.D. #	20.	ug/l	5			
00779	Total Xylenes	1330-20-7	85.	3.0	ug/l	5			
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level. Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for ethylbenzene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.								
08274	TPH by NWTPH-Gx waters								
01648	TPH by NWTPH-Gx waters A site-specific MSD sample was was performed to demonstrate pr			· ·	ug/l	5			

State of Washington Lab Certification No. C259

		Laboratory	Chro:	nicle		
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97- 602(modified)	1	01/30/2004 04:25	Devin M Hetrick	10
08213	BTEX (8021)	SW-846 8021B	1	02/02/2004 11:14	Martha L Seidel	5
08274	TPH by NWTPH-Gx waters	TPH by NWTPH-Gx - 8015B Mod.	1	02/02/2004 11:14	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	02/02/2004 11:14	Martha L Seidel	n.a.
07003	Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	, 1	01/29/2004 10:30	Zachary S Dennis	1



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Page 1 of 1

Lancaster Laboratories Sample No. WW 4204725

VP1 Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/21/2004 11:10 by BN

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

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L4310

San Ramon CA 94583

As Received Dilution As Received Method CAT Factor Units Detection Result CAS Number Analysis Name No. Limit ug/l 1.2 4.2 7439-92-1 01055 Lead (furnace method)

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

Laboratory Chronicle

Dilution Analysis Factor Analyst Trial# Date and Time Method Analysis Name Jessica L Boyd 1 02/02/2004 07:10 No. SW-846 7421 Lead (furnace method) 01055 James L Mertz 02/01/2004 11:30 SW-846 3020A WW/TL SW 846 GFAA Digest 05704 tot



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Lancaster Laboratories Sample No. WW 4204724

VP1 Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/21/2004 11:10 by BN

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

VP1ZZ

Account Number: 11260

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San Ramon CA 94583



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Page 1 of 2

Lancaster Laboratories Sample No. WW 4204726

VP2 Grab Water Sample

Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA

by BN Collected:01/21/2004 11:30

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35 Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

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L4310

San Ramon CA 94583

VP2--

V I Z							
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor	
02211	TPH by NWTPH-Dx(water) w/SiGel						
02095 02096	Diesel Range Organics Heavy Range Organics Due to interferences from the sareporting limit was increased. Accurate surrogate recoveries or required for analysis of the sare the reporting limits were raise bring target compounds into the	ould not be de mple. d because samp	termined due to the	he dilution ecessary to	ug/l ug/l	250 250	
08213	BTEX (8021)						
00776 00777 00778 00779	Benzene Toluene Ethylbenzene Total Xylenes A site-specific MSD sample was was performed to demonstrate pr	71-43-2 108-88-3 100-41-4 1330-20-7 not submitted recision and ac	69. 16. N.D. # 210. for the project.	0.5 0.5 10. 1.5 A LCS/LCSD	ug/l ug/l ug/l ug/l	1 1 1	
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for ethylbenzene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.						
٠	Due to the nature of the sampl above the range of specificati	e matrix, the sons.	surrogate standaro	d recovery is			
08274	TPH by NWTPH-Gx waters						
01648	TPH by NWTPH-Gx waters A site-specific MSD sample was was performed to demonstrate p	n.a. not submitted recision and a	1,700. for the project. ccuracy at a batc	250. A LCS/LCSD h level.	ug/l	5	

State of Washington Lab Certification No. C259

Laboratory Chronicle



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Lancaster Laboratories Sample No. WW 4204726

VP2 Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA

Collected:01/21/2004 11:30 by

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

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L4310

San Ramon CA 94583

VP2								
CAT			t	Analysis		Dilution		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor		
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97- 602(modified)	1	01/30/2004 15:45	Devin M Hetrick	250		
08213	BTEX (8021)	SW-846 8021B	1	02/02/2004 11:50	Martha L Seidel	1		
08274	TPH by NWTPH-Gx waters	TPH by NWTPH-Gx - 8015B Mod.	1	01/30/2004 15:56	Martha L Seidel	5		
01146	GC VOA Water Prep	SW-846 5030B	1	02/02/2004 11:50	Martha L Seidel	n.a.		
07003	Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	1	01/29/2004 10:30	Zachary S Dennis	1		



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Lancaster Laboratories Sample No. WW 4204727

VP2 Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/21/2004 11:30 by BN

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco 6001 Bollinger Canyon Road L4310

San Ramon CA 94583

As Received Dilution Method As Received CAT Factor Units Detection Result CAS Number Analysis Name No. Limit ug/l 5.3 7439-92-1 01055 Lead (furnace method)

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

Laboratory Chronicle Dilution Factor CAT Trial# Date and Time Analyst Method Analysis Name 7 No. Jessica L Boyd 02/02/2004 07:15 1 SW-846 7421 Lead (furnace method) 1 01055 02/01/2004 11:30 James L Mertz SW-846 3020A WW/TL SW 846 GFAA Digest 05704



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Page 1 of 1

Lancaster Laboratories Sample No. WW 4204728

VP5 (MW5) Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/21/2004 09:15

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

6001 Bollinger Canyon Road

L4310

San Ramon CA 94583

VP5M5

				As Received					
CAT			As Received	Method		Dilution			
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor			
02211	TPH by NWTPH-Dx(water) w/SiGel								
02095	Diesel Range Organics	n.a.	1,500.	250.	ug/l	1			
02096	Heavy Range Organics	n.a.	310.	250.	ug/l	1			
08213	BTEX (8021)								
00776	Benzene	71-43-2	310.	2.0	ug/l	10			
00777	Toluene	108-88-3	100.	2.0	ug/l	10			
00778	Ethylbenzene	100-41-4	980.	2.0	ug/l	10			
00779	Total Xylenes	1330-20-7	1,600.	6.0	ug/l	10			
	A site-specific MSD sample was a	A site-specific MSD sample was not submitted for the project. A LCS/LCSD							
	was performed to demonstrate pro	ecision and acc	curacy at a batch	level.					
08274	TPH by NWTPH-Gx waters								
01648	TPH by NWTPH-Gx waters A site-specific MSD sample was was performed to demonstrate pr				ug/l	10			

State of Washington Lab Certification No. C259

Laboratory Chronicle

CAT				Dilution		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97- 602(modified)	1	01/30/2004 03:36	Devin M Hetrick	1
08213	BTEX (8021)	SW-846 8021B	1	01/30/2004 16:31	Martha L Seidel	10
08274	TPH by NWTPH-Gx waters	TPH by NWTPH-Gx - 8015B Mod.	1	01/30/2004 16:31	Martha L Seidel	10
01146	GC VOA Water Prep	SW-846 5030B	1	01/30/2004 16:31	Martha L Seidel	n.a.
07003	Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	1	01/29/2004 10:30	Zachary S Dennis	1



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Page 1 of 1

Dilution

Factor

Lancaster Laboratories Sample No. WW 4204729

VP5(MW5) Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/21/2004 09:15 by BN

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco 6001 Bollinger Canyon Road

L4310

San Ramon CA 94583

As Received Dilution As Received Method CAT Factor Detection Result CAS Number No. Analysis Name Limit ug/l 1.7 1.2 7439-92-1 01055 Lead (furnace method)

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

Laboratory Chronicle

Analysis

No. Analysis Name

Method

Trisl# Date and Time Analyst

No. Analysis Name

Method Trisl# Date and Time Analyst

 No.
 Analysis Name
 Method
 Trial#
 Date and Time
 Indepth of the part of the part



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Page 1 of 1

Lancaster Laboratories Sample No. WW 4204730

VP7(MW3) Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/21/2004 10:20 by BN

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

6001 Bollinger Canyon Road

L4310

San Ramon CA 94583

VP7M3

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	N.D.	250.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	250.	ug/l	1
08213	BTEX (8021)					
00776	Benzene	71-43-2	660.	1.0	ug/l	5
00777	Toluene	108-88-3	69.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	70.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	350.	3.0	ug/l	5
	A site-specific MSD sample was mas performed to demonstrate pro-					
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters A site-specific MSD sample was a was performed to demonstrate pro				ug/l	5

State of Washington Lab Certification No. C259

CAT		Laboratory	Chro	nicle Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97- 602(modified)	1	01/30/2004 02:46	Devin M Hetrick	1
08213	BTEX (8021)	SW-846 8021B	1	01/30/2004 12:16	Linda C Pape	5
08274	TPH by NWTPH-Gx waters	TPH by NWTPH-Gx - 8015B Mod.	1	01/30/2004 12:16	Linda C Pape	5
01146	GC VOA Water Prep	SW-846 5030B	1	01/30/2004 12:16	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	, 1	01/29/2004 10:30	Zachary S Dennis	1



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Lancaster Laboratories Sample No. 4204731

VP7(MW3) Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/21/2004 10:20 by BN

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

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San Ramon CA 94583

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

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

Laboratory Chronicle

		Laboratory	Chro	N1CIE Analysis		Dilution
CAT No. 01055 05704	Analysis Name Lead (furnace method) WW/TL SW 846 GFAA Digest tot	Method SW-846 7421 SW-846 3020A		Date and Time 02/02/2004 07:24 02/01/2004 11:30	Analyst Jessica L Boyd James L Mcrtz	Factor 1 1



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Lancaster Laboratories Sample No. WW 4204732

VP8(MW7) Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/21/2004 09:45 by BN

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

6001 Bollinger Canyon Road

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San Ramon CA 94583

VP8M7

				As Received					
CAT			As Received	Method		Dilution			
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor			
02211	TPH by NWTPH-Dx(water) w/SiGel								
02095	Diesel Range Organics	n.a.	3,400.	250.	ug/l	2			
02096	Heavy Range Organics	n.a.	620.	250.	ug/l	ı			
08213	BTEX (8021)								
00776	Benzene	71-43-2	N.D.	0.5	ug/l	1			
00777	Toluene	108-88-3	N.D.	0.5	ug/l	1			
00778	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1			
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1			
	A site-specific MSD sample was a	A site-specific MSD sample was not submitted for the project. A LCS/LCSD							
	was performed to demonstrate pro								
08274	TPH by NWTPH-Gx waters								
01648	TPH by NWTPH-Gx waters A site-specific MSD sample was:	n.a.	89.	50.	ug/l	1			
	was performed to demonstrate pr								
	F to demonstrate pr	ccibion and ac	curacy at a batti	TCACT.					

State of Washington Lab Certification No. C259

		Laboratory	Chro:	nicle		
CAT		· ·		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97- 602(modified)	1	01/30/2004 04:01	Devin M Hetrick	1
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97- 602(modified)	1	01/30/2004 15:20	Devin M Hetrick	2
08213	BTEX (8021)	SW-846 8021B	1	01/30/2004 10:38	Linda C Pape	1
08274	TPH by NWTPH-Gx waters	TPH by NWTPH-Gx - 8015B Mod.	1	01/30/2004 10:38	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/30/2004 10:38	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	1	01/29/2004 10:30	Zachary S Dennis	1



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Lancaster Laboratories Sample No. WW 4204733

VP8(MW7) Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA

Collected: 01/21/2004 09:45 by B

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

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				As Received Method		Dilution
CAT No.	Analysis Name	CAS Number	As Received Result	Detection Limit	Units	Factor
01055	Lead (furnace method)	7439-92-1	3.2	1.2	ug/l	1

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

		Laboratory	Chro	nicle Analysis		Dilution
01055	Analysis Name Lead (furnace method) WW/TL SW 846 GFAA Digest tot	Method SW-846 7421 SW-846 3020A	1	Date and Time 02/02/2004 07:29 02/01/2004 11:30	Analyst Jessica L Boyd James L Mertz	Factor 1 1



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Lancaster Laboratories Sample No. WW 4204734

MW4 Grab Water Sample

Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA

Collected:01/21/2004 10:45 by BN

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

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		•		As Received			
CAT			As Received	Method		Dilution	
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor	
02211	TPH by NWTPH-Dx(water) w/SiGel						
02095 02096	Diesel Range Organics	n.a.	62,000.	4,000.	ug/l	20	
02096	Heavy Range Organics	n.a.	2,800.	2,500.	ug/l	10	
	Due to interferences from the sa reporting limit was increased.	ample matrix ()	nigh sediment con	tent), the			
08213	BTEX (8021)						
00776	Benzene	71-43-2	11,000.	10.	ug/l	50	
00777	Toluene	108-88-3	10,000.	10.	ug/l	50	
00778	Ethylbenzene	100-41-4	1,800.	10.	ug/l	50	
00779	Total Xylenes	1330-20-7	12,000.	30.	ug/l	50	
	A site-specific MSD sample was			A LCS/LCSD	٠.		
	was performed to demonstrate pr						
08274	TPH by NWTPH-Gx waters						
01648	TPH by NWTPH-Gx waters				ug/l	50	
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD						
	was performed to demonstrate pr	ecision and acc	curacy at a batch	level.			

State of Washington Lab Certification No. C259

Laboratory Chronicl

			CIII O			
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97- 602(modified)	1	01/30/2004 13:40	Devin M Hetrick	10
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97- 602(modified)	1	01/30/2004 17:27	Devin M Hetrick	20
08213	BTEX (8021)	SW-846 8021B	1	01/30/2004 11:11	Linda C Pape	50
08274	TPH by NWTPH-Gx waters	TPH by NWTPH-Gx - 8015B Mod.	1	01/30/2004 11:11	Linda C Pape	50
01146	GC VOA Water Prep	SW-846 5030B	1	01/30/2004 11:11	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	. 1	01/29/2004 08:00	Danette S Blystone	1



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Lancaster Laboratories Sample No. WW 4204735

MW4 Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/22/2004 10:45 by B

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

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			As Received	As Received Method		Dilution
CAT No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01055	Lead (furnace method)	7439-92-1	6.7	1.2	ug/l	1

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

		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 01055 05704	Analysis Name Lead (furnace method) WW/TL SW 846 GFAA Digest tot	Method SW-846 7421 SW-846 3020A	Trial# 1 1	Date and Time 02/02/2004 07:34 02/01/2004 11:30	Analyst Jessica L Boyd James L Mertz	Factor 1 1



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Lancaster Laboratories Sample No. WW 4204736

MW9 Grab Water Sample

Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/22/2004 09:35 by BN

Account Number: 11260

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

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San Ramon CA 94583

			1			
				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	100,000.	4,100.	ug/l	50
02096	Heavy Range Organics	n.a.	N.D. #	5,100.	ug/l	50
	The reporting limits were raised bring target compounds into the Accurate surrogate recoveries con required for analysis of the same	calibration raculd not be det	ange of the syste	m.		
08213	BTEX (8021)					
00776	Benzene	71-43-2	7.2	0.5	ug/l	1
00777	Toluene	108-88-3	2.4	0.5	ug/l	1
00778	Ethylbenzene	100-41-4	45.	0.5	ug/l	1
00779	Total Xylenes	1330-20-7	19.	1.5	ug/l	1
	A site-specific MSD sample was	not submitted :	for the project	A LCS/LCSD		
	was performed to demonstrate pr					
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters A site-specific MSD sample was	n.a. not submitted :	2,300. for the project.	50. A LCS/LCSD	ug/l	1
	was performed to demonstrate pr					

		Laboratory	Chro	nicle		
CAT		•		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	NWTPH-Dx, ECY 97- 602(modified)	1	01/30/2004 14:30	Devin M Hetrick	50
08213	BTEX (8021)	SW-846 8021B	1	01/31/2004 16:37	Martha L Seidel	1
08274	TPH by NWTPH-Gx waters	TPH by NWTPH-Gx - 8015B Mod.	1	01/31/2004 16:37	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/31/2004 16:37	Martha L Seidel	n.a.
07003	Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	1	01/29/2004 08:00	Danette S Blystone	1



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Lancaster Laboratories Sample No. WW 4204737

MW9 Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/22/2004 09:35 by BN

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

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			1	As Received Method		Dilution
CAT No.	Analysis Name	CAS Number	As Received Result	Detection Limit	Units	Factor
01055	Lead (furnace method)	7439-92-1	5.5	1.2	ug/l	1

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

		Laboratory	Chro:	N1CLE Analysis		Dilution
CAT No. 01055 05704	Analysis Name Lead (furnace method) WW/TL SW 846 GFAA Digest tot	Method SW-846 7421 SW-846 3020A	Trial# 1 1	Date and Time 02/02/2004 07:39 02/01/2004 11:30	Analyst Jessica L Boyd James L Mertz	Factor 1 1



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Lancaster Laboratories Sample No. WW 4204736

MW9 Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/22/2004 09:35 by BN

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

9GRAB

Account Number: 11260

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Lancaster Laboratories Sample No. WW 4204738

MW10 Grab Water Sample

Facility# 211577 Job# 386765

631 Queen Anne North - Seattle, WA Collected:01/22/2004 09:00

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

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10GRA

CAT	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095 02096	Diesel Range Organics Heavy Range Organics	n.a. n.a.	N.D. N.D.	250. 250.	ug/l ug/l	1
08213	BTEX (8021)					
00776 00777 00778 00779	Benzene Toluene Ethylbenzene Total Xylenes A site-specific MSD sample was was performed to demonstrate pr	71-43-2 108-88-3 100-41-4 1330-20-7 not submitted ecision and ac	N.D. N.D. N.D. N.D. for the project.	0.5 0.5 0.5 1.5 A LCS/LCSD	ug/l ug/l ug/l	1 1 1
08274 01648	TPH by NWTPH-Gx waters TPH by NWTPH-Gx waters A site-specific MSD sample was was performed to demonstrate pr	n.a. not submitted recision and ac	N.D. for the project. ccuracy at a batcl	50. A LCS/LCSD n level.	ug/l	1

		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 02211	Analysis Name TPH by NWTPH-Dx(water)	Method NWTPH-Dx, ECY 97-	Trial# 1	Date and Time 01/29/2004 18:02	Analyst Devin M Hetrick	Factor 1
08213 08274	w/SiGel BTEX (8021) TPH by NWTPH-Gx waters	602(modified) SW-846 8021B TPH by NWTPH-Gx -		01/30/2004 15:07 01/30/2004 15:07	Martha L Seidel Martha L Seidel	1 1
01146 07003	GC VOA Water Prep Extraction - DRO (Waters)	8015B Mod. SW-846 5030B NWTPH-Dx, ECY 97-602, 6/97	, 1 , 1	01/30/2004 15:07 01/29/2004 08:00	Martha L Seidel Danette S Blystone	n.a. 1



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Lancaster Laboratories Sample No. WW 4204739

MW10 Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected: 01/22/2004 09:00 by BN

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Analysis Name

Discard: 03/13/2004

No.

Account Number: 11260

ChevronTexaco

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As Received

CAT As Received Method

CAS Number Result Detection Limit

Dilution

Units Factor

01055 Lead (furnace method) 7439-92-1 ug/l

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

CAT			•	Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01055	Lead (furnace method)	SW-846 7421	1	02/02/2004 07:44	Jessica L Boyd	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	02/01/2004 11:30	James L Mertz	1



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Lancaster Laboratories Sample No. WW 4204740

MW11 Grab Water Sample

Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/22/2004 10:30 by BN

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

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San Ramon CA 94583

11GRA

			1	As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	N.D.	250.	ug/l	1
02095	Heavy Range Organics	n.a.	N.D.	250.	ug/l	1
02050						
08213	BTEX (8021)					
00776	Benzene	71-43-2	N.D.	0.5	ug/l	1
00777	Toluene	108-88-3	N.D.	0.5	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
00778	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00773	A site-specific MSD sample was		for the project.	A LCS/LCSD		
	was performed to demonstrate pr	ecision and ac	curacy at a batch	n level.		
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters A site-specific MSD sample was was performed to demonstrate pr	n.a. not submitted recision and ac	N.D. for the project. ccuracy at a batc	50. A LCS/LCSD h level.	ug/l	1

Laboratory	Chronicle
Habblacuty	

CAT		Laboratory	Chro	N1C1E Analysis		Dilution
No. 02211	Analysis Name TPH by NWTPH-Dx(water)	Method NWTPH-Dx, ECY 97-	Trial#	Date and Time 01/29/2004 18:27	Analyst Devin M Hetrick	Factor 1
08213	w/SiGel BTEX (8021)	602 (modified) SW-846 8021B TPH by NWTPH-Gx -	1	01/30/2004 15:40 01/30/2004 15:40	Martha L Seidel Martha L Seidel	1 1
08274 01146 07003	TPH by NWTPH-Gx waters GC VOA Water Prep Extraction - DRO (Waters)	8015B Mod. SW-846 5030B NWTPH-Dx, ECY 97-602, 6/97	1	01/30/2004 15:40 01/29/2004 08:00	Martha L Seidel Danette S Blystone	n.a. 1



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Lancaster Laboratories Sample No. WW 4204741

MW11 Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/22/2004 10:30 by BN

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Analysis Name

CAT

No.

Account Number: 11260

ChevronTexaco

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As Received
As Received Method

CAS Number Result Detec

Detection Limit Dilution Units Factor

01055 Lead (furnace method) 7439-92-1 N.D. 1.2 ug/l 1

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

			_ /			
CAT			-	Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01055	Lead (furnace method)	SW-846 7421	1	02/02/2004 07:49	Jessica L Boyd	1
05704	WW/TL SW 846 GFAA Digest	SW-846 3020A	1	02/01/2004 11:30	James L Mertz	1
	tot					



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Lancaster Laboratories Sample No. WW 4204742

MW12 Grab Water Sample

Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA by BN Collected:01/22/2004 10:00

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

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12GRA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211 02095 02096	TPH by NWTPH-Dx(water) w/SiGel Diesel Range Organics Heavy Range Organics	n.a. n.a.	1,500. 5,700.	820. 1,000.	ug/l ug/l	10 10
08213 00776 00777 00778 00779	BTEX (8021) Benzene Toluene Ethylbenzene Total Xylenes A site-specific MSD sample was was performed to demonstrate pr	71-43-2 108-88-3 100-41-4 1330-20-7 not submitted ecision and ac	N.D. N.D. N.D. N.D. for the project.	0.5 0.5 0.5 1.5 A LCS/LCSD	ug/1 ug/1 ug/1 ug/1	1 1 1
08274 01648	TPH by NWTPH-Gx waters TPH by NWTPH-Gx waters A site-specific MSD sample was was performed to demonstrate pr	n.a. not submitted ecision and ac	N.D. for the project. ccuracy at a batch	50. A LCS/LCSD n level.	ug/l	1

		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 02211	Analysis Name TPH by NWTPH-Dx(water)	Method NWTPH-Dx, ECY 97-	Trial# 1	Date and Time 01/29/2004 23:01	Analyst Devin M Hetrick	Factor 10
08213 08274	w/SiGel BTEX (8021) TPH by NWTPH-Gx waters	602(modified) SW-846 8021B TPH by NWTPH-Gx -	1 1	01/30/2004 16:12 01/30/2004 16:12	Martha L Seidel Martha L Seidel	1 1
01146 07003	GC VOA Water Prep Extraction - DRO (Waters)	8015B Mod. SW-846 5030B NWTPH-Dx, ECY 97-602, 6/97		01/30/2004 16:12 01/29/2004 08:00	Martha L Seidel Danette S Blystone	n.a. 1



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Lancaster Laboratories Sample No. WW 4204743

MW12 Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/22/2004 10:00 by BN

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Analysis Name

Discard: 03/13/2004

No.

Account Number: 11260

ChevronTexaco

6001 Bollinger Canyon Road

L4310

San Ramon CA 94583

As Received

As Received Method

As Received Method Dilution
CAS Number Result Detection Units Factor

01055 Lead (furnace method) 7439-92-1 N.D. 1.2 ug/l 1

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

Laboratory Chronicle

CAT Dilution Analysis No. Analysis Name Trial# Date and Time Factor Analyst SW-846 7421 01055 Lead (furnace method) 02/02/2004 08:04 1 Jessica L Boyd 1 05704 WW/TL SW 846 GFAA Digest SW-846 3020A 02/01/2004 11:30 James L Mertz



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4204744 Lancaster Laboratories Sample No. WW

MW15 Grab Water Sample

Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA by BN

Collected:01/23/2004 10:30

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35 Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

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L4310

San Ramon CA 94583

15GRA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095 02096	Diesel Range Organics Heavy Range Organics	n.a. n.a.	N.D.	250. 250.	ug/l ug/l	1
08213	BTEX (8021)					
00776 00777 00778 00779	Benzene Toluene Ethylbenzene Total Xylenes A site-specific MSD sample was was performed to demonstrate pr	71-43-2 108-88-3 100-41-4 1330-20-7 not submitted ecision and ac	N.D. N.D. N.D. for the project.	0.5 0.5 0.5 1.5 A LCS/LCSD	ug/1 ug/1 ug/1 ug/1	1 1 1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters A site-specific MSD sample was was performed to demonstrate pr	n.a. not submitted ecision and ac	N.D. for the project. ccuracy at a batch	50. A LCS/LCSD n level.	ug/l	1

C) T		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 02211	Analysis Name TPH by NWTPH-Dx(water)	Method NWTPH-Dx, ECY 97-	Trial# 1	Date and Time 01/29/2004 18:52	Analyst Devin M Hetrick	Factor 1
08213 08274	w/SiGel BTEX (8021) TPH by NWTPH-Gx waters	602(modified) SW-846 8021B TPH by NWTPH-Gx -	1	01/30/2004 16:45 01/30/2004 16:45	Martha L Seidel Martha L Seidel	1 1
01146 07003	GC VOA Water Prep Extraction - DRO (Waters)	8015B Mod. SW-846 5030B NWTPH-Dx, ECY 97-602, 6/97		01/30/2004 16:45 01/29/2004 08:00	Martha L Seidel Danette S Blystone	n.a. 1



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Lancaster Laboratories Sample No. WW 4204745

MW15 Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/23/2004 10:30 by BN

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

6001 Bollinger Canyon Road

L4310

San Ramon CA 94583

As Received

CAT

No. Analysis Name

CAS Number

Result

Detection
Limit

01055

Lead (furnace method)

7439-92-1

N.D.

No. Method

Dilution

Limit

1.2

ug/l

1

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

CAT			4	Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01055	Lead (furnace method)	SW-846 7421	1	02/02/2004 08:09	Jessica L Boyd	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	02/01/2004 11:30	James L Mertz	1



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Lancaster Laboratories Sample No. WW 4204746

MW17 Grab Water Sample

Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/23/2004 11:15 by BN

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

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L4310

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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095 02096	Diesel Range Organics Heavy Range Organics	n.a. n.a.	N.D.	250. 250.	ug/l ug/l	1
08213	BTEX (8021)					
00776 00777 00778 00779	Benzene Toluene Ethylbenzene Total Xylenes A site-specific MSD sample was was performed to demonstrate pr	71-43-2 108-88-3 100-41-4 1330-20-7 not submitted : ecision and ac	1.6 N.D. N.D. N.D. for the project. curacy at a batch	0.5 0.5 0.5 1.5 A LCS/LCSD level.	ug/l ug/l ug/l ug/l	1 1 1 1
08274 01648	TPH by NWTPH-Gx waters TPH by NWTPH-Gx waters A site-specific MSD sample was was performed to demonstrate pr	n.a. not submitted ecision and ac	N.D. for the project. curacy at a batch	50. A LCS/LCSD	ug/l	1

		Laboratory	Chro	nicle Analysis		Dilution
CAT No. 02211	Analysis Name TPH by NWTPH-Dx(water)	Method NWTPH-Dx, ECY 97-	Trial# 1	Date and Time 01/29/2004 19:17	Analyst Devin M Hetrick	Factor 1
08213 08274	w/SiGel BTEX (8021) TPH by NWTPH-Gx waters	602 (modified) SW-846 8021B TPH by NWTPH-Gx -		01/30/2004 17:18 01/30/2004 17:18	Martha L Seidel Martha L Seidel	1 1
01146 07003	GC VOA Water Prep Extraction - DRO (Waters)	8015B Mod. SW-846 5030B NWTPH-Dx, ECY 97-602, 6/97	, 1 , 1	01/30/2004 17:18 01/29/2004 08:00	Martha L Seidel Danette S Blystone	n.a. 1



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Lancaster Laboratories Sample No. WW 4204747

MW17 Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/23/2004 11:15 by BN

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

6001 Bollinger Canyon Road

L4310

San Ramon CA 94583

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

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

CAT			Analysis			Dilution	
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01055	Lead (furnace method)	SW-846 7421	1	02/02/2004 08:14	Jessica L Boyd	1	
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	02/01/2004 11:30	James L Mertz	1	



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Lancaster Laboratories Sample No. WW 4204748

RW2 Grab Water Sample

Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected 01/22/2004 11:05 by BN

Collected:01/22/2004 11:05

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

6001 Bollinger Canyon Road

L4310

San Ramon CA 94583

RW2-G

CAT	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211 02095 02096	TPH by NWTPH-Dx(water) w/SiGel Diesel Range Organics Heavy Range Organics	n.a. n.a.	N.D. N.D.	250. 250.	ug/l ug/l	1
08213 00776 00777 00778 00779	BTEX (8021) Benzene Toluene Ethylbenzene Total Xylenes A site-specific MSD sample was was performed to demonstrate pr	71-43-2 108-88-3 100-41-4 1330-20-7 not submitted ecision and ac	1.2 0.7 1.3 8.9 for the project. curacy at a batch	0.5 0.5 0.5 1.5 A LCS/LCSD level.	ug/l ug/l ug/l ug/l	1 1 1
08274 01648	TPH by NWTPH-Gx waters TPH by NWTPH-Gx waters A site-specific MSD sample was was performed to demonstrate pr	n.a. not submitted ecision and ac	53. for the project. curacy at a batch	50. A LCS/LCSD level.	ug/l	1

		Laboratory	Chro	nicle Analysis		Dilution Factor
No.	Analysis Name TPH by NWTPH-Dx(water)	Method NWTPH-Dx, ECY 97-	Trial#	Date and Time 01/29/2004 19:42	Analyst Devin M Hetrick	1
02211	w/SiGel BTEX (8021) TPH by NWTPH-Gx waters	602 (modified) SW-846 8021B TPH by NWTPH-Gx -	1	01/30/2004 17:50 01/30/2004 17:50	Martha L Seidel Martha L Seidel	1 1
08274 01146 07003	GC VOA Water Prep Extraction - DRO (Waters)	8015B Mod. SW-846 5030B NWTPH-Dx, ECY 97-602 6/97		01/30/2004 17:50 01/29/2004 08:00	Martha L Seidel Danette S Blystone	n.a. 1



ug/l

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Lancaster Laboratories Sample No. WW 4204749

RW2 Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected: 01/22/2004 11:05

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:35

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

6001 Bollinger Canyon Road

L4310

San Ramon CA 94583

1.2

As Received

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

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

CAT			Analysis			Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01055	Lead (furnace method)	SW-846 7421	1	02/02/2004 08:19	Jessica L Boyd	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	02/01/2004 11:30	James L Mertz	1



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Lancaster Laboratories Sample No. WW 4204750

RW3 Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected:01/22/2004 12:05

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:36

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

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San Ramon CA 94583

RW3-G

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211 02095 02096	TPH by NWTPH-Dx(water) w/SiGel Diesel Range Organics Heavy Range Organics	n.a. n.a.	3,000. 270.	250. 250.	ug/l ug/l	2
08213 00776 00777 00778 00779	BTEX (8021) Benzene Toluene Ethylbenzene Total Xylenes A site-specific MSD sample was was performed to demonstrate pr	71-43-2 108-88-3 100-41-4 1330-20-7 not submitted recision and a	4,400. 360. 520. 1,300. for the project. ccuracy at a batc	4.0 4.0 4.0 12. A LCS/LCSD h level.	ug/l ug/l ug/l ug/l	20 20 20 20
08274 01648	TPH by NWTPH-Gx waters TPH by NWTPH-Gx waters A site-specific MSD sample was was performed to demonstrate p	n.a. not submitted recision and a	9,100. I for the project. accuracy at a batc	1,000. A LCS/LCSD ch level.	ug/l	20

		Laboratory	Chro	Analysis		Dilution Factor
CAT No.	Analysis Name TPH by NWTPH-Dx(water)	Method NWTPH-Dx, ECY 97-	Trial# 1	Date and Time 01/29/2004 20:07	Analyst Devin M Hetrick	1
02211	w/SiGel TPH by NWTPH-Dx(water)	602 (modified) NWTPH-Dx, ECY 97-	1	01/30/2004 13:15	Devin M Hetrick	2
02211	w/SiGel	602(modified) SW-846 8021B	1	01/30/2004 18:56	Martha L Seidel	20 20
08213 08274	BTEX (8021) TPH by NWTPH-Gx waters	TPH by NWTPH-Gx -	1	01/30/2004 18:56	Martha L Seidel	
	GC VOA Water Prep	8015B Mod. SW-846 5030B	1	01/30/2004 18:56	Martha L Seidel Danette S Blystone	n.a. 1
01146 GC VOA Water Prep 07003 Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	, 1	01/29/2004 08:00	Danette & Blystone		



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Lancaster Laboratories Sample No. WW 4204751

RW3 Filtered Grab Water Sample Facility# 211577 Job# 386765 631 Queen Anne North - Seattle, WA Collected: 01/22/2004 12:05

Submitted: 01/27/2004 09:50 Reported: 02/11/2004 at 09:36

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

6001 Bollinger Canyon Road

L4310

San Ramon CA 94583

As Received

CAT No.

As Received

Method

Dilution

Analysis Name

01055 Lead (furnace method)

CAS Number Result Detection Limit

Factor Units

7439-92-1 12.0 1.2

ug/l

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

		Haboraco	Ty CIII.O.	111010		
CAT			-	Dilution		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01055	Lead (furnace method)	SW-846 7421	1	02/02/2004 08:24	Jessica L Boyd	1
05704	WW/TL SW 846 GFAA Digest tot	SW-846 3020A	1	02/01/2004 11:30	James L Mertz	1



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Lancaster Laboratories Sample No. WW 4204752

RW5 Grab Water Sample

Facility# 211577 Job# 386765

631 Queen Anne North - Seattle, WA

Collected:01/22/2004 11:35 by BN

Submitted: 01/27/2004 09:50

Reported: 02/11/2004 at 09:36

Discard: 03/13/2004

Account Number: 11260

ChevronTexaco

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L4310

San Ramon CA 94583

GRW5-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095 02096	Diesel Range Organics Heavy Range Organics	n.a. n.a.	1,800. N.D.	250. 250.	ug/l ug/l	1
08213	BTEX (8021)					
00776 00777 00778 00779	Benzene Toluene Ethylbenzene Total Xylenes A site-specific MSD sample was was performed to demonstrate pr	71-43-2 108-88-3 100-41-4 1330-20-7 not submitted ecision and ac	64. 12. 2.5 65. for the project. curacy at a batch	0.5 0.5 0.5 1.5 A LCS/LCSD level.	ug/l ug/l ug/l ug/l	1 1 1
08274 01648	TPH by NWTPH-Gx waters TPH by NWTPH-Gx waters A site-specific MSD sample was	n.a. not submitted	470. for the project.	50. A LCS/LCSD	ug/l	1
	was performed to demonstrate pr	ecision and ac	curacy at a batch	level.		

CAT		Laboratory	Chro:	nicle Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
02211	TPH by NWTPH-Dx(water)	NWTPH-Dx, ECY 97-	1	01/29/2004 20:32	Devin M Hetrick	1
	w/SiGel	602(modified) SW-846 8021B	1	01/30/2004 18:23	Martha L Seidel	1
08213 08274	BTEX (8021) TPH by NWTPH-Gx waters	TPH by NWTPH-Gx -	1	01/30/2004 18:23	Martha L Seidel	1
01146	GC VOA Water Prep	8015B Mod. SW-846 5030B	1	01/30/2004 18:23	Martha L Seidel	n.a.
07003	Extraction - DRO (Waters)	NWTPH-Dx, ECY 97-602, 6/97	1	01/29/2004 08:00	Danette S Blystone	1



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Quality Control Summary

Client Name: ChevronTexaco

Group Number: 882526

Reported: 02/11/04 at 09:36 AM

Laboratory Compliance Quality Control

		-	-					
Analysis Name	Blank <u>Result</u>	Blank <u>MDL</u>	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
				04506 40	04720 420/	1730 4204732		
Batch number: 040280006A	Sample n	umber(s):	4204724,42	104726,42	04/28,4204	1730,4204732 46-112		
Diesel Range Organics	N.D.	250.	ug/1	83		40-715		
Heavy Range Organics	N.D.	250.	ug/l					
neavy kange organics								
Batch number: 040290000A	Sample n 4204734, 2	umber(s): 4204736,42	04738,4204		742,420474	44,4204746,420	4748,42	04750,420475
Diesel Range Organics	N.D.	250.	ug/l	80		46-112		
	N.D.	250.	ug/l					
Heavy Range Organics			_					
D. bb	Cample T	number(s):	4204723,43	204726,42	04728		2	30
Batch number: 04030A53A	N.D.	.5	ug/1	94	91	75-134	3	30
Benzene	N.D.	.5	ug/l	108	105	82-119	3	30
Toluene	N.D.	.5	ug/l	105	101	81-119	4	30
Ethylbenzene		1.5	ug/l	104	99	82-120	5	
Total Xylenes	N.D.	50.	ug/l	103	98	70-130	5	30
TPH by NWTPH-Gx waters	N.D.	50.	49/-					
		number(s):	1204724.4	204726				
Batch number: 04030A53B	Sample	iumer (s).	ug/1	94	91	75-134	3	30
Benzene	N.D.	.5 .5	ug/1	108	105	82-119	3	30
Toluene	N.D.		ug/1	105	101	81-119	4	30
Ethylbenzene	N.D.	.5_	ug/l	104	99	82-120	5	30
Total Xylenes	N.D.	1.5	ug/1 ug/1	103	98	70-130	5	30
TPH by NWTPH-Gx waters	N.D.	50.	ug/I	105	-			
								400475
Batch number: 04030A55A	Sample	number(s):	204734 420	4738.4204	4740,42047	42,4204744,42	04746,42	104748,4204/5
	4204730	,420413214 FO	204/54/120	,	,			
	0,42047	52	ug/l	105	105	75-134	0	30
Benzene '	N.D.	.5	ug/1	109	109	82-119	0	30
Toluene	N.D.	.5	ug/1	98	98	81-119	0	30
Ethylbenzene	N.D.	.5_		99	99	82-120	0	30
Total Xylenes	N.D.	1.5	ug/l	85	88	70-130	4	30
TPH by NWTPH-Gx waters	N.D.	50.	ug/l	65	00			
•			.004536					
Batch number: 04030A55B	Sample	number(s):	4204736	105	105	75-134	0	30
Benzene	N.D.	5	ug/l	_	109	82-119	0	30
Toluene	N.D.	.5	ug/l	109	98	81-119	0	30
Ethylbenzene	N.D.	.5	ug/l	98	98 99	82-120	ŏ	30
Total Xylenes	N.D.	1.5	ug/l	99		70-130	4	30
TPH by NWTPH-Gx waters	N.D.	50.	ug/l	85	88	10-130	•	
1PH DY NWIFH-GX Waters								
Batch number: 040325704001	420472	number(s): 5,4204727,4 745,420474	4204729,42	4204/31,4	4733,4204 204753	735,4204737,42	204739,4	204741,420474
Lead (furnace method)	N.D.	0.0012	2 mg/l	101		80-120		
Lead (Idinace mechod)			•					

Sample Matrix Quality Control

	MS	MSD	ms/msd		RPD	BKG	DUP	DUP	Dup RPD
Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	<u>RPD</u>	Max
Batch number: 040280006A Diesel Range Organics Heavy Range Organics	Sample	number	(s): 4204724	1,42047	26,4204	728,4204730 480. N.D.	,4204732 700. N.D.	37* (1) 0 (1)	20 20

*- Outside of specification

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



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Quality Control Summary

Client Name: ChevronTexaco Reported: 02/11/04 at 09:36 AM Group Number: 882526

Sample Matrix Quality Control

	MS	MSD	MS/MSD		RPD	BKG	DUP	DUP	Dup RPD
Analysis Name	%REC	%REC	<u>Limits</u>	RPD	MAX	Conc	Conc	RPD	Max_
Batch number: 040290000A	Sample 420473 2	number 4,42047	(s): 36,4204738,4	204740	,420474	12,4204744,	1204746,4204	748,4204750,4	20475
Diesel Range Organics Heavy Range Organics	J					N.D. N.D.	N.D. N.D.	127* (1) 200* (1)	20 20
Batch number: 04030A53A Benzene Toluene Ethylbenzene Total Xylenes TPH by NWTPH-Gx waters	Sample 93 102 98 97 112	number	(s): 4204723 67-136 78-129 75-133 78-130 63-154	,42047	26,4204	1728			
Batch number: 04030A53B Benzene Toluene Ethylbenzene Total Xylenes TPH by NWTPH-Gx waters	Sample 93 102 98 97 112	number	(s): 4204724 67-136 78-129 75-133 78-130 63-154	4,42047	26				
Batch number: 04030A55A	Sample 420473 0,4204	number 0,42047	(s): 32,4204734,4	1204738	,420474	10,4204742,	4204744,4204	746,4204748,4	20475
Benzene Toluene Ethylbenzene Total Xylenes TPH by NWTFH-Gx waters	116 115 109 109 92		67-136 78-129 75-133 78-130 63-154						
Batch number: 04030A55B Benzene Toluene Ethylbenzene Total Xylenes TPH by NWTPH-Gx waters	Sample 116 115 109 109 92	e number	(s): 4204736 67-136 78-129 75-133 78-130 63-154	5					
Batch number: 040325704001	42047: 3,420	1745,420	27,4204729, 4747,420474	9,42047	51,420	4753		739,4204741,4	
Lead (furnace method)	97	96	80-120	1	20	N.D.	N.D.	0 (1)	20

Surrogate Quality Control

Analysis Name: TPH by NWTPH-Dx(water) w/SiGel Batch number: 040280006A Orthoterphenyl

4204724	68
4204726	1219*
4204728	94
4204730	103

*- Outside of specification

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



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Quality Control Summary

Client Name: ChevronTexaco

Group Number: 882526

Reported: 02/11/04 at 09:36 AM

Ouglity Control

Reportea:	02/11/04 at 09:36 A	Surrogate Quality Control
4204732	101	
Blank	98	
LCS	94	
Limits:	50-150	
Analysis Na	me: TPH by NWTPH-Dx(water) w/SiGel
Batch numbe	r: 040290000A	
	Orthoterphenyl	•
4204734	122	
4204736	0*	
4204738	81	
4204740	87	
4204742	110	
4204744	90	
4204746	88	
4204748	95	
4204750	93	
4204752	87	
Blank	85	
LCS	91	
100		
Limits:	50-150	
Analysis N	ame: BTEX (8021)	
Batch numb	er: 04030A53A	Trifluorotoluene-F
	Trifluorotoluene-P	TY111uoroto dene-1
1001700	0.2	102
4204723	93	110
4204726	***	115
4204728	112	101
Blank	91	102
LCS	100	101
LCSD	92	95
MS	93	55
Limits:	66-136	57-146
	(0000)	
	Name: BTEX (8021) Der: 04030A53B	
Batti IIum	Trifluorotoluene-P	Trifluorotoluene-F
	TITITUOTOCOTHENE-F	
4204724	96	108
4204724	144*	
	93	99
Blank		102
LCS	100	101
LCSD	92	95
MS	93	
Limits:	66-136	57-146
	Name: BTEX (8021)	
Batch num	ber: 04030A55A	- to was always P
	Trifluorotoluene-P	Trifluorotoluene-F
		98
4204730	100	95 95
4204732	99	ور ۵۵

*- Outside of specification

105

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



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Quality Control Summary

Reported:	ne: ChevronTe				mber: 882526
	U2/11/U4 at	09:36 AM		<u>.</u>	
_	,		Surrogate (Onality	Control
4204738	100	97	burroguee ,	2 au I I Cy	Control
	101	98			
	100	98			
4204744	100	96 97			
4204746	100	97 97			
4204748	99	97 97			
4204750	102	97 97			
4204752	103				
Blank	100	99 97			
LCS	100				
LCSD	100	97			
MS	98	97			
MO	96	95			
Limits:	66-136	57-14	6	· · · · · · · · · · · · · · · · · · ·	
Analysis Nam	ne: BTEX (8021)				
Batch number	: 04030A55B				
	Trifluorotolue	ne-P Trifl	uorotoluene-F		
4204736	130	145			
Blank	99	96			
LCS	100	97			
LCSD	100	97			
MS	98	95			
Limits:	66-136	57-14	6		

(2) The background result was more than four times the spike added.

^{*-} Outside of specification

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.



Explanation of Symbols and Abbreviations

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

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

- less than The number following the sign is the <u>limit of quantitation</u>, the smallest amount of analyte which can be reliably determined using this specific test.
- > greater than
- J estimated value The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).
- ppm parts per million One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.
- ppb parts per billion
- **Dry weight**basis

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

U.S. EPA CLP Data Qualifiers:

PA CLP	Organic Qualifiers		Inorganic Qualifiers
A B C D E	TIC is a possible aldol-condensation product Analyte was also detected in the blank Pesticide result confirmed by GC/MS Compound quantitated on a diluted sample Concentration exceeds the calibration range of the instrument	B E M N S	Value is <crdl, (msa)="" additions="" but="" calculation="" compound="" control="" detected<="" due="" duplicate="" estimated="" for="" injection="" interference="" limits="" met="" method="" not="" of="" precision="" sample="" spike="" standard="" td="" to="" used="" was="" within="" ≥idl=""></crdl,>
N P U	Presumptive evidence of a compound (TICs only) Concentration difference between primary and confirmation columns >25% Compound was not detected	U W *	Post digestion spike out of control limits Duplicate analysis not within control limits Correlation coefficient for MSA < 0.995
X,Y,Z	Defined in case narrative		

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

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

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

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