BBL®
ENVIRONMENTAL SERVICES, INC.
an ARCADIS company

Transmitted Via UPS

June 8, 2006

Ms. Deborah Williams
Alaska Department of Environmental Conservation
610 University Avenue
Fairbanks, Alaska 99709

Re: **First Semi-Annual 2006 Groundwater Monitoring Report**
Former Texaco Service Station 21-1079
1501 Cushman Street
Fairbanks, Alaska
BBLES Project # 44672
ADEC #

Dear Ms. Williams:

On behalf of Chevron Environmental Management Company (Chevron), BBL Environmental Services, Inc., an ARCADIS company (BBLES), is submitting the enclosed first semi-annual 2006 groundwater monitoring report for former Texaco Service 21-1079 (the site) located at 1501 Cushman Street in Fairbanks, Alaska. OASIS Environmental, Inc. conducted the semi-annual groundwater monitoring and prepared the enclosed report.

BBLES reviewed the current groundwater sampling schedule and dissolved constituent trends in groundwater monitoring wells. Dissolved concentrations of gasoline range organics (GRO), diesel range organics (DRO), and benzene, toluene, ethylbenzene, and xylenes (BTEX), are stable in wells MW-1, MW-4, MW-13, MW-3R and MW-7. Dissolved concentrations of GRO, DRO, and BTEX are also less than Alaska Department of Environmental Conservation (ADEC) Groundwater Cleanup Levels in wells MW-3R, MW-7, and MW-13. Based on these observations, BBLES recommends revising the groundwater sampling schedule as follows:

- Sample wells MW-1, MW-4, and MW-13 annually, and
- Remove wells MW-3R and MW-7 from the sampling plan.

Groundwater monitoring well SWMW-1 is not included in the current sampling plan. BBLES recommends abandonment of this well.

The table below reflects the recommended (revised) groundwater sampling schedule:

Well	Semi-annual	Annual
MW-1		X
MW-2	X	
MW-4		X
MW-5	X	
MW-6	X	
MW-8		X
MW-9	X	
MW-10	X	
MW-11		X
MW-13		X

Attached you will find one bound copy of the report. A PDF file of the complete document and an electronic copy of the laboratory deliverables will be emailed to you. If you have any questions or require additional information, please contact BBLES at (206) 325-5254 extension 1017.

Sincerely,

BBL ENVIRONMENTAL SERVICES, INC.

Barbara Orchard
Project Engineer in Training

Rebecca K. Andresen
Senior Geologist I

Enclosure: Quarterly Groundwater Monitoring Report, First Quarter 2006, Former Texaco 21-1079, Prepared by OASIS Environmental, Inc.

cc: Stacie Hartung-Frerichs, Chevron Environmental Management Company, San Ramon, California

(907) 458-8270
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Semi-Annual Groundwater Monitoring Report
First Semi-Annual 2006

Former Texaco 21-1079
1501 Cushman Street
Fairbanks, Alaska

296-001-2-1

Prepared for

Chevron Environmental Management Company

Prepared by

OASIS Environmental, Inc.
250 Cushman St., Suite 4G
Fairbanks, Alaska 99701

May 18, 2006

Julie Ahern
Junior Scientist (OASIS Environmental, Inc)

Date: May 18, 2006
Event: 1st Semi-Annual 2006

FORMER TEXACO SEMI-ANNUAL GROUNDWATER MONITORING REPORT

Facility No.:	21-1079	Address:	1501 Cushman Street, Fairbanks, Alaska (Figure 1)
CHEVRON Project Manager:			Stacie Hartung-Frerichs
Consulting Co./Contact Person:			Blasland, Bouck & Lee, Inc. (BBL) / Rebecca Andresen
Consultant Project No.:			44672
Primary Agency/Regulatory ID No.:			Alaska Department of Environmental Conservation
			Attention: Deborah Williams

WORK PERFORMED THIS EVENT (First Semi-Annual – 2006):

1. Conducted semi-annual groundwater monitoring and sampling.
2. Prepared and submitted first semi-annual groundwater monitoring report.

WORK PROPOSED FOR NEXT EVENT (Second Semi-Annual – 2006):

1. Conduct semi-annual groundwater monitoring and sampling.
2. Prepare and submit semi-annual groundwater monitoring report.

SEMI-ANNUAL RESULTS SUMMARY

Current Phase of Project:	Monitoring and Sampling
Frequency of Groundwater Sampling:	Semi-Annual
Frequency of Groundwater Monitoring:	Semi-Annual
Is Free Product (FP) Present Onsite:	No
FP Recovered this Event:	NA
Cumulative FP Recovered to Date:	NA
Current Remediation Techniques:	NA
Approximate Depth to Groundwater	14.21 to 16.25 feet
Groundwater Gradient:	Northwest @ 0.0016 ft/ft

DISCUSSION:

On March 23 through March 26, 2006, OASIS Environmental (OASIS) of Fairbanks, Alaska, conducted the first semi-annual groundwater monitoring and sampling event of 2006 (Figure 1). Twelve wells were sampled during this event (Figure 3) and two duplicate samples were taken for quality assurance/quality control (QA/QC) purposes. See Table 1 for monitoring well sampling frequency. Depth-to-water measurements were used in calculating groundwater elevations. During the first semi-annual event,

groundwater flow was towards the northwest at an approximate gradient of 0.0016 ft/ft (Figure 2). This gradient is consistent with historical data. Due to possible measurement error, well gauging data from MW-1 were not used in the development of the groundwater gradient. Table 2 presents groundwater elevations at each well, while Figure 2 displays groundwater contours and the approximate flow direction.

Table 2 also includes sample concentrations of petroleum-related compounds. Groundwater samples were analyzed for gasoline range organics (GRO) by Alaska Method 101, and for benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 8021B. Figure 3 displays the concentrations of these analytes in each well sample. These analytes have been sampled throughout the course of the monitoring program.

GRO was detected in ten of the twelve samples collected at concentrations ranging from 10 micrograms per liter (µg/l) in the sample from MW-7 to 24,000 µg/l in the sample from MW-9. Benzene was detected in five of the twelve samples at concentrations ranging from 2.3 µg/l in the sample from MW-13 to 250 µg/l in the sample from MW-6. Due to the presence of interferents near the benzene retention time, the normal reporting limit was not attained for benzene in samples from MW-1, MW-9, MW-10, and MW-11. The concentration of benzene could not be determined below the elevated reporting limits in these samples due to the presence of the interferents. Toluene was detected in four of the twelve samples collected at concentrations ranging from 1.9 µg/L in the sample from MW-5 to 75 µg/L in the sample from MW-9. As with benzene, the reporting limit for toluene in the sample from MW-11 was elevated due to the presence of interferents near the toluene retention time. Ethylbenzene was detected in eight of the twelve samples collected at concentrations ranging from 8.8 µg/L in the sample from MW-1 to 1,300 µg/L in the sample from MW-6. Xylenes (total) were detected in eight of the twelve samples at concentrations ranging from 40 µg/L in the sample from MW-11 to 5,800 µg/L in the sample from MW-9.

In addition to the above analytes, the Alaska Department of Environmental Conservation (ADEC) recently requested screening for selected Contaminants of Potential Concern (COPCs). The screening was to be performed for the two wells with the highest historical concentrations of GRO per site. Of the nine wells sampled semi-annually at this site, wells MW-5 and MW-9 have the historically highest GRO levels. Therefore, these two wells were selected for COPC screening. The COPCs include diesel-range organics (DRO), residual-range organics (RRO), Resource Conservation and Recovery Act (RCRA) metals, polycyclic aromatic hydrocarbons (PAHs), and selected volatile organic compounds (VOCs). Tables 3 and 4 provide COPC concentration results. Table 5 lists the requested COPCs by EPA method. This event marks the second time that samples from MW-5 and MW-9 were screened for RCRA metals, PAHs, DRO, and RRO. This is the first event in which most of the VOCs were analyzed; two of the seven VOCs, 1,2-dibromoethane and 1,2-dichloroethane, were analyzed in the past three semi-annual events.

Groundwater samples from MW-5 and MW-9 were analyzed for DRO using Alaska Method 102 and for RRO using Alaska Method 103. DRO was detected at concentrations of 2,800 µg/L in MW-5 and 2,400 µg/L in MW-9. Both these concentrations exceed the ADEC 18 AAC 75 Groundwater Cleanup Level (GCL) of 1,500 µg/L. Like the results from the previous sampling event (September 2005), RRO was not detected in either sample, although the reporting limits were elevated due to sample dilution. These results are included with the rest of the petroleum hydrocarbon analytes in Table 2.

Groundwater samples from MW-5 and MW-9 were analyzed for VOCs using EPA Method 8260B. The suite of VOCs included 1,2-dibromoethane (EDB), 1,1-dichloroethane, 1,2-dichloroethane, 1,1,1-trichloroethane, carbon tetrachloride, trichloroethene, and tetrachloroethene. None of these compounds were detected in either of the samples. However, due to the levels of non-target compounds, the reporting limits for this suite of VOCs were elevated in the samples. Table 3 provides the reporting limits of each analyte. One of the VOCs, EDB, was also analyzed using EPA Method 8011 in order to obtain a reporting limit less than the ADEC 18 AAC 75 Groundwater Cleanup Level (GCL) of 0.05 µg/L. Again, the compound

was not detected in either sample. Methyl tertiary butyl ether (MtBE) was analyzed using EPA Method 8021B. The compound was not detected in either sample, though the reporting limit was elevated for both samples due to the presence of an interferent near the MtBE retention time. MtBE was also analyzed in the rest of the samples and it was not detected in any of them either.

Groundwater samples collected from MW-5 and MW-9 were analyzed for eight RCRA metals using EPA Methods 7470A (mercury only) and 6010B. Arsenic was detected in the samples from MW-5 and MW-9 at concentrations of 36.8 µg/L and 26.9 µg/L, respectively. Barium was detected in the sample from MW-5 at a concentration of 303 µg/L and in the sample from MW-9 at a concentration of 301 µg/L. Cadmium was detected in both samples at a concentration of 1.3 µg/L. Chromium was detected in the sample from MW-9 at a concentration of 5.6 µg/L. Lead was detected in the sample collected from MW-5 at a concentration of 11.4, and in the sample from MW-9 at a concentration of 9.4 µg/L. The samples from MW-5 and MW-9 were also screened for selenium and silver, but neither of these metals was detected. These results are similar to those of the September 2005 event, which are also included in Table 3.

Groundwater samples collected from MW-5 and MW-9 were analyzed for PAHs using EPA method 8270. Naphlalene was detected in the sample from MW-5 at a concentration of 150 µg/L and in the sample from MW-9 at a concentration of 86 µg/L. Both of these concentrations are similar to those of the previous event's results. All other PAHs listed in Table 4 were non-detect. Like the VOCs analyzed by EPA Method 8260B, the reporting limits were raised due to non-target compound levels. The normal reporting limits were achieved in the previous event, and the following compounds were detected: acenaphthene, fluorene, phenanthrene, anthracene, and fluoranthene. However, the detected concentrations were well below the GCLs for these compounds. Table 4 contains the concentration results from the September 2005 event.

Field and laboratory procedures are summarized in Attachment 1. Groundwater sampling field data sheets are included in Attachment 2. Laboratory analytical reports and chain-of-custody documentation are presented in Attachment 3.

ATTACHMENTS:

- Table 1 – Groundwater Monitoring Schedule
- Table 2 – Groundwater Elevation and POL Analytical Data
- Table 3 – Groundwater VOC and RCRA Metals Analytical Data
- Table 4 – PAH Analytical Data
- Table 5 – ADEC-Requested COPC Analytes
- Figure 1 – Site Location Map
- Figure 2 – Site Plan With Groundwater Elevations and Contours, March 23, 2006
- Figure 3 – Site Plan With Chemical Concentration Data, March 23-26, 2006
- Attachment 1 - Field and Laboratory Procedures
- Attachment 2 - Field Data Sheets
- Attachment 3 - Laboratory Analytical Reports and Chain-of-Custody Documentation

TABLES

TABLE 1
Monitoring Well Sampling Frequency

Former Texaco 21-1079
1501 Cushman Street
Fairbanks, Alaska

Well ID	Semi-Annual	Annual
MW-1	X	
MW-2	X	
MW-3R		X
MW-4	X	
MW-5	X	
MW-6	X	
MW-7		X
MW-8		X
MW-9	X	
MW-10	X	
MW-11		X
MW-13	X	
SWMW-1	Removed from sampling program Summer 2001	

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-1	06/20/94	440.92	15.25	425.67	49,000	--	--	750	11,000	1,800	10,000
	09/27/94		14.83	426.09	52,000	--	--	810	11,700	2,700	13,400
	11/21/94		15.48	425.44	51,000	--	--	1,100	13,000	3,100	14,000
	03/29/95		16.13	424.79	49,000	--	--	540	14,000	2,400	10,000
	06/29/95	440.94	14.45	426.49	58,000	1.8	--	380	14,000	2,600	13,000
	09/18/95		13.12	427.82	24,000	--	--	55	3,700	1,300	6,900
	12/13/95		15.00	425.94	42,000	0.39	--	290	4,000	16,000	7,700
	03/08/96		16.10	424.84	110,000	1.1	--	620	26,000	3,200	16,000
	05/31/96		15.13	425.81	91,500	--	--	394	20,100	2,370	13,900
	09/19/96		15.18	425.76	59,400	--	--	135	9,700	1,700	10,300
	12/11/96	440.96	15.73	425.23	43,600	--	--	150	8,160	1,560	7,930
	03/13/97		--	--	--	--	--	--	--	--	--
	06/18/97		15.40	425.56	37,300	--	--	<25	3,530	1,490	6,910
	09/19/97		14.97	425.99	17,200	--	--	<25	1,700	919	5,300
	12/10/97		15.80	425.16	32,100	--	--	<50	2,770	1,860	9,460
	03/30/98		--	--	16,800	--	--	14.2	925	980	4,530
	03/30/98		16.54	424.42	9,340	--	--	<25	531	569	2,660
	06/08/98		15.94	425.02	7,790	--	--	<10	408	476	2,390
	09/16/98		14.32	426.64	12,200	--	--	15.3	356	593	3,200
	09/16/98		--	--	13,800	--	--	19.7	469	719	3,680
	12/28/98		15.61	425.35	14,300	--	--	<50	865	855	3,800
	12/28/98		--	--	16,300	--	--	25.2	987	979	4,290
	03/13/99		16.54	424.42	9,100	--	--	<25	351	751	3,260
	06/22/99		--	--	--	--	--	--	--	--	--
	09/28/99		14.92	426.04	8,900	--	--	<20	79	590	2,310
	12/15/99		15.84	425.12	8,830	--	--	8.88	139	505	2,110
	03/21/00		16.30	424.66	8,950	--	--	<10	107	346	1,470
	03/21/00		--	--	11,500	--	--	<5	91.7	340	1,440
	06/20/00		13.97	426.99	4,690	--	--	8.85	19	150	565
	09/13/00		12.99	427.97	3,840	--	--	<5	13.5	147	535
	09/13/00		--	--	5,960	--	--	<5	23	216	848
	12/13/00		14.79	426.17	6,290	--	--	<4.0	24.9	178	631
	12/13/00		--	--	5,140	--	--	<4.0	14.2	125	452
	03/20/01		15.64	425.32	6,390	--	--	<13.2	13.3	218	793
	03/20/01		--	--	6,690	--	--	<14.0	17.2	210	754
	06/20/01		14.76	426.20	4,160	--	--	5.16	6.13	194	756
	06/20/01		--	--	6,180	--	--	2.95	10.7	197	785
	09/18/01		14.03	426.93	4,880	--	--	7.26	7.18	189	706
	09/18/01		--	--	5,730	--	--	7.8	<5.00	186	627
	03/25/02		16.12	424.84	5,070	--	--	7.47	<5.00	151	692
	03/25/02[D]		--	--	5,310	--	--	5.28	<5.00	170	812
	09/15/02		13.02	427.94	4,530	--	--	3.69	0.738	81.3	424
	09/15/02[D]		--	--	4,030	--	--	4.19	<5.00	107	394
	04/10/03		15.55	425.41	4,800	--	--	<10	<2.0	72	330
	4/10/2003[D]		--	--	4,900	--	--	<20	<2.0	73	330

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-1	09/05/03		12.56	428.40	2,600	--	--	<5	0.6	37	160
Continued	9/5/2003[D]		--	--	2,900	--	--	<10	0.6	42	180
	03/03/04		15.85	425.11	3,600	--	--	<10	<2.0	46	220
	3/3/2004[D]		--	--	3,300	--	--	<20	<2.0	43	200
	09/20/04		15.32	425.64	3,500	--	--	<10	<0.5	33	170
	9/20/04[D]		--	--	2,600	--	--	<10	<2	37	190
	04/04/05		16.20	424.76	2,800	--	--	2.3	<0.5	22	110
MW-25[D]	04/04/05		--	--	2,500	--	--	2.1	<0.5	24	130
	09/29/05	440.91	14.16	426.75	2,500	--	--	<5.0	<0.5	20	99
	9/29/05[D]		--	--	1,800	--	--	<5.0	<0.5	17	66
	03/24/06	**440.91**	**16.25**	**424.66**	**1,800**	**--**	--	**<10**	**<0.5**	**8.8**	**49**
	3/24/2006[D]		**--**	**--**	**2,000**	**--**	--	**<10**	**<0.5**	**11**	**60**
MW-2	06/22/94	439.45	13.61	425.84	37,000	--	--	11,000	9,300	1,200	4,900
	09/28/94		13.50	425.95	67,000	--	--	18,800	13,800	1,400	6,700
	11/21/94		14.07	425.38	140,000	--	--	38,000	33,000	4,000	14,000
	03/29/95		14.73	424.72	110,000	--	--	29,000	26,000	2,100	10,000
	06/29/95	439.42	13.08	426.34	42,000	--	--	8,300	8,100	1,100	4,700
	09/19/95		11.75	427.67	26,000	--	--	5,400	6,100	650	2,300
	12/13/95		13.60	425.82	170,000	--	--	24,000	29,000	1,300	7,500
	12/13/95		--	--	150,000	--	--	24,000	28,000	1,300	7,700
	03/08/96		14.70	424.72	91,000	--	--	18,000	14,000	1,000	5,500
	03/08/96		--	--	100,000	--	--	22,000	22,000	1,700	9,800
	06/01/96		13.72	425.70	83,900	--	--	17,100	14,400	1,030	4,970
	06/01/96		--	--	80,100	--	--	16,600	13,800	1,010	4,850
	09/18/96		13.79	425.63	12,400	--	--	1,260	1,250	132	925
	12/11/96		14.20	425.22	26,000	--	--	1,860	5,520	473	3,470
	12/11/96		--	--	24,800	--	--	1,900	5,360	459	3,240
	03/13/97		14.59	424.83	741	--	--	78.8	159	9.54	134
	06/18/97		15.15	424.27	67	--	--	2.21	6.31	2.93	18.2
	06/18/97		--	--	65.2	--	--	2.66	7.51	2.45	16.2
	09/19/97		14.28	425.14	<500	--	--	<0.5	0.797	<0.5	1.45
	12/10/97		13.84	425.58	<500	--	--	0.529	0.801	1.02	4.72
	03/30/98		14.65	424.77	150	--	--	<0.5	6.84	7.28	53.6
	06/09/98		17.12	422.30	<500	--	--	<0.5	1.49	0.726	3.56
	09/16/98		14.81	424.61	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/28/98		13.19	426.23	<500	--	--	<1.0	<1.0	<1.0	<2.0
	03/13/99		14.75	424.67	<500	--	--	<0.5	<0.5	<0.5	<1.0
	06/22/99		15.36	424.06	<500	--	--	2.03	<0.5	1.20	7.23
	09/28/99		14.29	425.13	63	--	--	3.14	0.887	4.83	4.90
	09/28/99		13.78	425.64	77	--	--	3.33	<0.5	5.44	4.85
	12/15/99		14.59	424.83	80.2	--	--	7.36	<0.5	2.86	4.51
	03/21/00		15.04	424.38	51.6	--	--	6.48	<0.5	1.48	2.13
	06/20/00		12.77	426.65	<800	--	--	1.89	<0.5	<0.5	3.02
	09/13/00		11.74	427.68	<500	--	--	1.69	<0.5	0.807	3.45

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-2	12/13/00		13.59	425.83	1,080	--	--	5.94	<1.03	56.4	195
Continued	03/20/01		14.39	425.03	427	--	--	5.07	<0.5	27.2	68.6
	06/20/01		13.58	425.84	147	--	--	2.03	<0.5	9.99	20.9
	09/18/01		12.83	426.59	431	--	--	2.51	0.500	26.4	102
	03/25/02		14.97	424.45	1,160	--	--	3.73	4.87	98.6	315
	09/15/02		11.76	427.66	1,340	--	--	7.47	<5.00	75.9	319
	04/10/03		13.91	425.51	2,700	--	--	6.4	<0.5	200	620
	09/05/03		11.28	428.14	1,600	--	--	4.3	<0.5	110	430
	03/01/04				Well Beneath snowbank, no access						
	09/20/04		14.03	425.39	2,300	--	--	5.1	<0.5	150	410
	04/04/05		14.75	424.67	1,900	--	--	2.6	<0.5	72	550
	09/29/05	439.39	12.76	426.66	2,600	--	--	5.8	0.7	140	600
	03/26/06	**439.39**	**14.79**	**424.60**	**2,700**	**--**	**--**	**3.8**	**<0.5**	**96**	**680**
MW-3	06/22/94	439.84	14.25	425.59	ND	--	--	ND	ND	ND	ND
	09/27/94		13.75	426.09	ND	--	--	1.6	2	ND	1
	11/22/94		14.38	425.46	ND	--	--	1.3	ND	ND	ND
	03/29/95		15.07	424.77	ND	--	--	2.1	2	ND	6
	06/29/95	439.93	13.40	426.53	ND	--	--	0.6	ND	ND	ND
	09/18/95		12.08	427.85	ND	--	--	0.6	ND	ND	ND
	12/12/95		14.10	425.83	ND	--	--	ND	ND	ND	ND
	03/08/96		15.12	424.81	ND	ND	--	ND	ND	ND	ND
	05/30/96		14.16	425.77	ND	--	--	ND	ND	ND	ND
	09/18/96		14.20	425.73	ND	--	--	ND	ND	ND	ND
	12/11/96		15.10	424.83	ND	--	--	ND	ND	ND	ND
	03/13/97		15.61	424.32	ND	--	--	ND	ND	ND	ND
	06/18/97		--	--	--	--	--	--	--	--	--
	09/19/97		14.32	425.61	<500	--	--	<0.5	<0.5	<0.5	1.1
	12/10/97		--	--	--	--	--	--	--	--	--
	06/09/98		15.30	424.63	<500	--	--	<0.5	<0.5	0.592	2.2
	6/9/1998[D]			439.93	<500	--	--	<0.5	<0.5	<0.5	1.76
	09/16/98		13.69	426.24	178	--	--	<0.5	5.04	8.05	68.7
	12/28/98		15.26	424.67	<500	--	--	<1.0	<1.0	<1.0	<2.
	03/13/99		15.89	424.04	<500	--	--	<0.5	<0.5	<0.5	<1.0
	06/22/99		--	--	--	--	--	--	--	--	--
	09/28/99		14.32	425.61	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/15/99		--	--	--	--	--	--	--	--	--
	03/21/00		15.04	424.89	<500	--	--	<0.5	<0.5	<0.5	<0.1
	06/20/00		--	--	--	--	--	--	--	--	--
	09/13/00		12.42	427.51	<500	--	--	<0.5	<0.5	<0.5	<0.1
	12/13/00		--	--	--	--	--	--	--	--	--
	03/20/01		15.10	424.83	<500	--	--	<0.2	<0.5	<0.5	<0.1
	06/20/01		--	--	--	--	--	--	--	--	--
	09/18/01		--	--	--	--	--	--	--	--	--
	03/25/02		15.74	424.19	<500	--	--	<0.200	<0.500	<0.500	<1.00

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-3	04/09/03		15.13	424.80	12	--	--	<0.5	<0.5	<0.5	<1.5
Continued	09/01/04				Well beneath snowbank -- no access						
					Well Decommissioned Due to Damage on 8/19/2004						
	09/26/05				Well removed and replaced with MW-3R						
MW-3R	09/29/05	440.14	13.38	426.76	<10	--	--	<0.5	<0.5	<0.5	<1.5
	03/24/06	**440.14**	**15.31**	**424.83**	**<10**	**--**	**--**	**<0.5**	**<0.5**	**<0.5**	**<1.5**
MW-4	06/20/94	439.23	13.51	425.72	140,000	--	--	7,700	56,000	4,600	20,000
	09/27/94		13.15	426.08	98,000	--	--	5,510	35,000	3,800	17,800
	11/21/94		13.74	425.49	120,000	--	--	5,200	42,000	5,000	28,000
	03/29/95		14.44	424.79	60,000	--	--	1,000	17,000	2,600	15,000
	06/29/95	439.16	12.76	426.40	79,000	1.9	--	790	20,000	3,300	16,000
	09/18/95		11.35	427.81	47,000	--	--	400	11,000	1,800	12,000
	12/13/95		13.30	425.86	87,000	--	--	450	12,000	2,300	14,000
	03/08/96		14.39	424.77	130,000	--	--	660	33,000	5,300	30,000
	05/31/96		13.38	425.78	102,000	--	--	407	15,900	3,450	22,300
	09/19/96		13.45	425.71	92,100	--	--	332	11,000	3,370	22,200
	12/12/96		14.22	424.94	39,800	--	--	164	3,810	1,330	10,300
	03/13/97		14.81	424.35	37,200	--	--	141	3,150	1,210	10,100
	06/18/97		13.81	425.35	33,800	--	--	<100	2,760	1,270	9,770
	09/19/97		13.42	425.74	34,000	--	--	<100	3,500	1,620	12,300
	12/10/97		14.33	424.83	38,700	--	--	50.6	1,820	1,330	11,300
	03/30/98		15.03	424.13	20,500	--	--	<50.0	1,270	849	6,660
	06/09/98		14.34	424.82	18,700	--	--	<50	771	673	6,530
	09/16/98		12.74	426.42	29,100	--	--	33.8	818	1,150	9,450
	12/28/98		14.43	424.73	25,900	--	--	8.03	275	939	7,030
	03/13/99		15.02	424.14	13,600	--	--	<50	122	644	4,820
	06/22/99		--	--	--	--	--	--	--	--	--
	09/28/99		13.49	425.67	22,700	--	--	<40	95	766	4,890
	12/15/99		14.29	424.87	17,500	--	--	22.5	45.4	710	3,700
	03/21/00		14.75	424.41	12,500	--	--	<25	27.6	366	1,990
	06/20/00		12.47	426.69	14,900	--	--	23.5	47.5	395	1,790
	09/13/00		11.45	427.71	12,400	--	--	<10	27.8	386	2,010
	12/13/00		13.24	425.92	11,500	--	--	<10.0	<25.0	442	1,910
	03/20/01		14.10	425.06	9,260	--	--	<4.20	<10	326	1,340
	06/20/01		13.27	425.89	7,960	--	--	12.5	11.4	360	13,910
	09/18/01		12.51	426.65	9,650	--	--	12.9	<10.0	373	1,530
	03/25/02		14.65	424.51	8,380	--	--	9.19	5.36	259	940
	03/25/02[D]		--	--	4,200	--	--	6.46	<5.00	115	342
	09/15/02		11.46	427.70	8,690	--	--	6.93	<5.00	315	1,170
	04/10/03		13.96	425.20	5,600	--	--	<10	1.3	150	520
	09/05/03		10.88	428.28	6,300	--	--	<20	1.5	170	430
	03/03/04		14.09	425.07	3,800	--	--	<20	1	110	300
	09/20/04		13.72	425.44	6,100	--	--	<20	<2.5	120	280
	04/04/05		14.48	424.68	4,000	--	--	3.2	0.7	56	130

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-4	09/29/05	438.98	12.50	426.66	3,200	--	--	<10	<5.0	29	83
Continued	**03/24/06**	**438.98**	**14.30**	**424.68**	**2,100**	--	--	**4.1**	**<0.5**	**23**	**45**
MW-5	06/22/94	439.90	13.95	426.99	150,000	--	--	33,000	45,000	3,800	16,000
	09/27/94		13.82	427.12	103,000	--	--	22,800	24,100	2,900	13,900
	11/21/94		14.44	426.50	150,000	--	--	29,000	39,000	5,000	30,000
	03/29/95		15.10	425.84	160,000	--	--	12,000	25,000	5,000	50,000
	06/29/95	439.82	13.45	426.37	19,000	--	--	17,000	37,000	5,200	33,000
	09/19/95		12.10	427.72	170,000	--	--	26,000	48,000	4,000	26,000
	12/13/95		13.85	425.97	420,000	--	--	43,000	60,000	56,000	35,000
	03/08/96		14.90	424.92	240,000	2.0	--	37,000	46,000	3,200	15,000
	06/01/96		14.07	425.75	124,000	--	--	15,400	25,400	2,110	9,890
	09/17/96		14.11	425.71	176,000	--	--	22,400	36,200	2,830	14,400
	12/11/96		14.81	425.01	175,000	--	--	17,200	34,500	3,210	18,200
	03/13/97		15.46	424.36	54,000	--	--	3,120	12,900	986	8,430
	06/18/97		14.61	425.21	7,150	--	--	230	953	259	1,210
	09/19/97		14.20	425.62	2,150	--	--	26.1	402	108	551
	09/19/97		--	--	3,050	--	--	<12.5	613	158	769
	12/10/97		15.00	424.82	7,700	--	--	160	427	336	1,940
	12/10/97		--	--	6,390	--	--	138	418	340	1,720
	03/30/98		16.72	423.10	1,690	--	--	5.89	389	62.0	322
	06/09/98		15.14	424.68	1,280	--	--	<5	281	45.2	213
	09/16/98		13.53	426.29	2,820	--	--	<12.5	130	141	796
	09/16/98		--	--	2,450	--	--	<10.0	132	145	814
	12/28/98		15.09	424.73	3,330	--	--	2.10	60	218	881
	03/13/99		15.67	424.15	4,490	--	--	26.70	65	391	1,220
	03/13/99		--	--	5,370	--	--	30.00	79	450	1,410
	06/22/99		14.72	425.10	5,660	--	--	30.7	539	207	991
	09/28/99		14.18	425.64	8,470	--	--	<25	52	282	1,460
	12/15/99		14.95	424.87	7,580	--	--	30.5	45.4	411	1,920
	12/15/99		--	--	5,900	--	--	23.8	31.8	307	1,380
	03/21/00		15.40	424.42	5,380	--	--	13.0	70.7	179	708
	06/20/00		13.13	426.69	5,470	--	--	14.3	153	184	875
	06/20/00		--	--	4,790	--	--	14.2	140	171	740
	09/13/00		12.16	427.66	9,570	--	--	11.7	134	380	2,190
	12/13/00		13.89	425.93	13,000	--	--	<10.0	251	576	3,730
	03/20/01		14.74	425.08	15,100	--	--	<21.0	338	637	3,710
	06/20/01		13.98	425.84	11,800	--	--	7.15	325	455	2,900
	09/18/01		13.13	426.69	11,500	--	--	13.0	223	485	3,260
	03/25/02		15.30	424.52	9,630	--	--	5.52	29.1	448	3,240
	09/15/02		12.13	427.69	15,300	--	--	8.98	29.6	577	4,590
	04/10/03		14.49	425.33	23,000	--	--	<10	21	850	6,800
	09/05/03		11.64	428.18	18,000	--	--	30	37	570	4,600
	03/03/04		14.83	424.99	24,000	--	--	<20	5.8	680	5,600
	09/20/04		14.37	425.45	20,000	--	--	<20	4.2	500	4,500

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-5	04/04/05		15.13	424.69	11,000	--	--	4.4	2.2	240	2,400
Continued	09/29/05	439.82	13.15	426.67	13,000	1,400	<100	<10	<2.5	270	2,300
	03/26/06	**439.82**	**15.15**	**424.67**	**11,000**	**2,800**	**<420**	**9.5**	**1.9**	**210**	**1,900**
MW-6	06/20/94	439.39	13.88	425.51	13,000	--	--	2,300	650	850	2,600
	09/28/94		13.44	425.95	9,000	--	--	2,430	900	700	1,800
	11/21/94		14.03	425.36	28,000	--	--	5,800	7,800	1,600	5,200
	03/29/95		14.69	424.70	32,000	--	--	3,400	7,000	1,700	6,500
	06/29/95	439.37	13.06	426.31	4,200	--	--	230	8	510	960
	09/18/95		11.69	427.68	2,400	--	--	190	17	300	390
	12/13/95		13.65	425.72	39,000	--	--	3,600	7,300	1,200	4,000
	03/08/96		14.67	424.70	58,000	--	--	3,600	17,000	2,100	7,900
	05/31/96		13.66	425.71	15,300	--	--	377	1,020	972	3,380
	09/17/96		13.74	425.63	15,400	--	--	848	2,080	840	2,500
	12/12/96		14.55	424.82	31,700	--	--	2,080	7,240	1,160	3,390
	03/13/97		15.10	424.27	22,400	--	--	773	4,510	1,170	3,950
	06/18/97		14.23	425.14	8,060	--	--	124	50	846	1,680
	09/20/97		13.85	425.52	2,460	--	--	72.4	33.1	387	390
	12/10/97		14.63	424.74	5,130	--	--	728	5,130	1,130	2,640
	03/31/98		15.37	424.00	12,200	--	--	174	638	1,310	3,470
	06/08/98		14.77	424.60	4,550	--	--	64.9	210	665	1,230
	09/16/98		13.16	426.21	870	--	--	14.4	<2.5	173	159
	12/29/98		14.70	424.67	16,900	--	--	249	4,210	1,110	2,710
	03/14/99		15.35	424.02	23,000	--	--	176	4,550	1,820	5,840
	06/22/99		14.36	425.01	5,910	--	--	27.1	<10	769	1,780
	09/28/99		13.78	425.59	698	--	--	9.5	<2.5	117	142
	12/16/99		14.59	424.78	4,240	--	--	102	240	562	964
	12/16/99		--	--	4,550	--	--	97.1	226	522	903
	03/21/00		15.04	424.33	10,400	--	--	59.9	1,410	907	1,910
	06/20/00		12.77	426.60	2,990	--	--	13.5	4.08	407	585
	09/13/00		11.80	427.57	439	--	--	4.20	<0.5	45.7	88.8
	12/13/00		13.45	425.92	655	--	--	8.41	1.03	49	69.5
	03/20/01		14.42	424.95	24,900	--	--	238	2,520	1,770	6,260
	04/16/02		--	--	24,600	--	--	198	1,410	1,680	6,160
	06/20/01		13.56	425.81	7,540	--	--	54.3	15.3	967	2,220
	09/18/01		12.84	426.53	976	--	--	13.4	<250	171	233
	03/25/02		14.98	424.39	13,800	--	--	420	78.8	1,410	3,300
	09/15/02		11.79	427.58	340	--	--	4.15	<0.500	11.6	75.5
	04/09/03		14.25	425.12	23,000	--	--	250	830	1,500	5,500
	4/9/2003[D]		--	--	24,000	--	--	270	950	1,600	5,800
	09/05/03		11.34	428.03	1,800	--	--	23	<0.5	150	380
	03/03/04		14.55	424.82	25,000	--	--	340	180	1,400	6,200
	09/20/04		14.06	425.31	3,800	--	--	94	12	230	700
	04/04/05		14.82	424.55	5,900	--	--	78	0.6	460	1,500
MW-20[D]	04/04/05		--	--	6,100	--	--	78	0.6	470	1,600

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Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-6	09/29/05	439.47	--	--	Well Inaccessible						
Continued	**03/24/06**	**439.47**	**14.85**	**424.62**	**16,000**	**--**	**--**	**250**	**8.7**	**1,300**	**4,000**
	3/24/2006[D]		--	--	**17,000**	**--**	**--**	**250**	**9.7**	**1,300**	**4,200**
MW-7	06/22/94	439.72	13.97	425.75	44,000	--	--	11,000	6,200	1,600	5,500
	09/28/94		13.90	425.82	38,000	--	--	11,400	5,900	1,800	5,800
	11/22/94		14.46	425.26	41,000	--	--	12,000	8,600	1,900	6,900
	03/29/95		15.12	424.60	39,000	--	--	8,600	6,800	1,600	6,100
	06/29/95	439.70	13.45	426.25	18,000	--	--	5,100	2,500	900	2,600
	09/18/95		12.08	427.62	2,700	--	--	750	5	250	286
	12/13/95		14.00	425.70	26,000	--	--	4,800	530	1,000	3,800
	03/08/96		15.10	424.60	25,000	--	--	5,100	250	960	2,400
	06/01/96		14.11	425.59	13,200	--	--	3,360	38.1	649	1,030
	09/18/96		14.19	425.51	15,800	--	--	4,060	52.6	807	1,120
	12/11/96		14.98	424.72	12,300	--	--	3,340	52.9	715	884
	03/13/97		15.52	424.18	13,600	--	--	3,370	162	785	1,170
	06/18/97		14.66	425.04	4,630	--	--	1,430	<12.5	371	257
	09/20/97		14.27	425.43	3,230	--	--	1,250	<10	305	181
	12/10/97		14.95	424.75	2,310	--	--	818	<10	253	112
	03/31/98		15.79	423.91	798	--	--	280	<2.5	145	12.7
	06/09/98		15.19	424.51	473	--	--	157	1.01	117	7.89
	09/16/98		13.57	426.13	264	--	--	55.3	2.17	42.2	32.3
	12/28/98		15.15	424.55	186	--	--	45.0	1.22	34.3	20.06
	03/13/99		15.75	423.95	203	--	--	61.0	<0.5	42.6	<1.0
	03/13/99		--	--	181	--	--	60.7	<0.5	43.0	<1.0
	06/22/99		14.77	424.93	85.9	--	--	24.3	<0.5	7.5	<1.0
	09/28/99		14.19	425.51	119	--	--	18.6	<0.5	6.2	17.5
	09/28/99		--	--	149	--	--	21.8	0.82	7.3	21.7
	12/16/99		14.97	424.73	50.3	--	--	16.2	<0.5	1.17	<1.0
	03/21/00		15.42	424.28	51.6	--	--	16.3	<0.5	<0.5	<1.0
	06/20/00		13.14	426.56	51.6	--	--	15.6	<0.5	<0.5	<1.0
	09/13/00		12.17	427.53	<800	--	--	4.99	<0.5	<0.5	<1.0
	12/13/00		13.92	425.78	<800	--	--	4.83	<0.5	<0.5	<1.0
	03/21/01		14.79	424.91	<500	--	--	3.09	<0.5	<0.5	<1.0
	03/21/01		--	--	<500	--	--	13.5	<0.5	<0.5	<1.0
	06/20/01		13.96	425.74	<500	--	--	7.02	<0.5	<0.5	<1.0
	06/20/01		--	--	<500	--	--	4.74	<0.5	<0.5	<1.0
	09/18/01		--	--	--	--	--	--	--	--	--
	03/25/02		15.31	424.39	1,160	--	--	1.53	<0.500	<0.500	<1.00
	04/10/03		14.66	425.04	15	--	--	0.8	<0.5	<0.5	<0.5
	03/03/04		14.89	424.81	<10	--	--	<0.5	<0.5	<0.5	<1.5
	04/04/05		15.20	424.50	<10	--	--	<0.5	<0.5	<0.5	<1.5
	03/24/06	**439.7**	**15.21**	**424.49**	**10**	**--**	**--**	**<0.5**	**<0.5**	**<0.5**	**<1.5**
MW-8	06/27/95	439.58	13.39	426.19	1,650	0.1	--	711	1	30	19
	09/19/95		12.03	427.55	4,400	--	--	2,200	15	102	154

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-8	12/13/95		13.96	425.62	7,200	2.4	--	240	ND	2.8	1.7
Continued	03/08/96		15.03	424.55	2,600	--	--	ND	ND	13	3.5
	05/31/96		14.03	425.55	1,940	0.478	--	726	ND	4.42	10.1
	09/16/96		14.11	425.47	1,360	--	--	593	ND	1.07	ND
	12/11/96		14.93	424.65	1,310	--	--	592	0.518	3.09	1.05
	03/13/97		15.41	424.17	362	--	--	126	ND	1.67	ND
	06/18/97		14.58	425.00	1,710	--	--	673	<5.0	<5.0	<10.0
	09/20/97		14.19	425.39	114	--	--	52.9	<0.5	<0.5	<1
	12/10/97		14.95	424.63	78.7	--	--	33.4	<0.5	<0.5	<1
	03/20/98		15.72	423.86	--	--	--	--	--	--	--
	06/09/98		15.11	424.47	427	--	--	299	<2.5	3.02	8.14
	09/16/98		13.49	426.09	1,870	--	--	1,530	<10	36.7	51.7
	12/29/98		15.10	424.48	485	--	--	257	<2.50	<2.50	<5.00
	03/14/99		15.68	423.90	<500	--	--	19	<0.5	<0.5	<1.0
	06/22/99		14.70	424.88	1,130	--	--	534	<10	<10	<20
	09/28/99		14.12	425.46	1,400	--	--	637	<10	<10	<20
	12/16/99		14.89	424.69	77.5	--	--	40.0	<0.5	<0.5	<1.0
	03/21/00		15.35	424.23	<500	--	--	<0.5	<0.5	<0.5	<1.0
	06/20/00		13.06	426.52	1,130	--	--	436	<5.0	5.04	<10.0
	09/14/00		12.06	427.52	242	--	--	106	<0.5	<0.5	<1.0
	12/14/00		13.84	425.74	<500	--	--	<0.2	<0.5	<0.5	<1.0
	03/21/01		14.71	424.87	<500	--	--	<0.2	<0.5	<0.5	<1.0
	06/20/01		13.89	425.69	296	--	--	141	<0.5	<0.5	<1.0
	09/18/01		--	--	--	--	--	--	--	--	--
	03/25/02		15.30	424.28	<50	--	--	<0.200	<0.500	<0.500	<1.00
	04/10/03		14.58	425.00	<10	--	--	<0.5	<0.5	<0.5	<1.5
	03/03/04		14.80	424.78	<10	--	--	<0.5	<0.5	<0.5	<1.5
	04/04/05		15.11	424.47	<10	--	--	<0.5	<0.5	<0.5	<1.5
	03/24/06	**439.58**	**15.13**	**424.45**	**<10**	**--**	**--**	**<0.5**	**<0.5**	**<0.5**	**<1.5**
MW-9	06/30/95	438.76	12.51	426.25	87,000	--	--	3,700	2,100	3,800	16,000
	09/19/95		11.10	427.66	78,000	--	--	3,200	37,000	3,100	14,000
	12/13/95		13.00	425.76	91,000	--	--	2,900	18,000	2,300	11,000
	03/08/96		14.10	424.66	110,000	--	--	3,700	34,000	3,600	17,000
	03/08/96		--	--	110,000	--	--	3,800	35,000	3,700	17,000
	05/30/96		13.10	425.66	104,000	--	--	2,530	22,800	3,520	15,900
	09/16/96		13.19	425.57	72,400	--	--	1,670	16,000	2,400	10,900
	12/12/96		13.96	424.80	111,000	--	--	2,290	24,900	4,440	18,300
	03/13/97		14.52	424.24	84,700	--	--	1,620	19,300	2,940	13,800
	03/13/97		--	--	79,300	--	--	1,580	19,100	2,840	13,500
	06/18/97		13.66	425.10	74,400	--	--	1,120	14,700	3,340	14,300
	06/18/97		--	--	74,600	--	--	1,130	14,800	3,240	13,900
	09/20/97		13.27	425.49	59,200	--	--	840	15,900	2,870	12,600
	12/10/97		14.00	424.76	66,800	--	--	760	16,700	2,990	16,000
	12/10/97		--	--	69,800	--	--	804	17,000	3,570	16,600

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-9	03/30/98		14.80	423.96	57,900	--	--	508	13,900	2,710	12,500
Continued	06/09/98		14.21	424.55	52,900	--	--	513	12,000	2,610	12,100
	09/17/98		12.59	426.17	29,700	--	--	332	5,520	1,300	7,060
	12/29/98		14.15	424.61	52,900	--	--	238	9,920	2,320	12,830
	03/13/99		14.78	423.98	56,400	--	--	272	11,200	3,240	16,700
	08/09/99		--	--	56,200	--	--	110	6,640	2,610	11,800
	09/28/99		13.22	425.54	36,300	--	--	<200	4,610	1,920	9,240
	12/15/99		13.98	424.78	45,800	--	--	<125	6,670	2,530	13,900
	03/22/00		14.43	424.33	54,100	--	--	59.8	4,770	2,050	10,900
	06/20/00		12.16	426.60	44,200	--	--	62	3,540	2,020	10,400
	09/14/00		11.20	427.56	41,900	--	--	34.6	3,450	1,970	10,600
	12/14/00		12.94	425.82	26,200	--	--	<20.0	1,920	1,300	7,290
	03/21/01		13.81	424.95	37,700	--	--	<46.0	2,520	1,980	11,000
	06/20/01		12.98	425.78	35,600	--	--	40.8	2,300	1,830	11,400
	09/18/01		12.24	426.52	19,400	--	--	<20.0	567	1,100	6,010
	03/25/02		14.37	424.39	42,400	--	--	18.9	1,470	2,010	12,500
	09/15/02		11.17	427.59	24,500	--	--	12.5	175	1,280	5,810
	04/10/03		13.64	425.12	41,000	--	--	<50	430	1,700	11,000
	09/05/03		10.71	428.05	35,000	--	--	<50	220	1,500	9,300
	03/03/04		13.87	424.89	34,000	--	--	<50	130	1,300	7,300
	09/20/04		13.45	425.31	27,000	--	--	<50	53	1,100	5,900
	04/04/05		14.18	424.58	26,000	--	--	<10	110	1,200	6,600
	09/29/05	438.75	12.25	426.51	20,000	1,400	<190	<10	41	860	4,600
	03/26/06	**438.75**	**14.21**	**424.54**	**24,000**	**2,400**	**<390**	**<100**	**75**	**960**	**5,800**
MW-10	06/30/95	439.22	12.78	426.44	23,000	--	--	21.2	2,500	1,500	7,000
	09/19/95		11.45	427.77	13,000	--	--	21	890	980	3,800
	12/12/95		13.30	425.92	19,000	--	--	88	130	1,400	3,400
	03/08/96		14.38	424.84	13,000	--	--	99	15	1,000	1,800
	06/01/96		13.42	425.80	17,400	--	--	108	49.3	1,230	2,340
	09/19/96		13.48	425.74	20,400	--	--	224	292	1,520	3,610
	12/11/96		14.25	424.97	14,300	--	--	107	53.8	1,150	1,890
	03/13/97		14.80	424.42	3,380	--	--	23.7	ND	462	491
	06/10/97		--	--	--	--	--	--	--	--	--
	09/19/97		13.54	425.68	21,300	--	--	302	1,060	1,860	6,630
	12/10/97		14.33	424.89	8,570	--	--	54.8	25	953	1,300
	03/30/98		15.06	424.16	1,680	--	--	10.9	ND	281	255
	06/09/98		14.49	424.73	2,200	--	--	<20	<2.5	313	230
	09/17/98		12.88	426.34	2,200	--	--	16.7	<5.0	373	347
	12/28/98		14.42	424.80	2,950	--	--	8.29	<1.0	503	481
	03/13/99		15.03	424.19	2,000	--	--	13.3	<5.0	424	443
	08/09/99		--	--	13,200	--	--	61.0	549.0	991	3,470
	09/28/99		13.48	425.74	8,170	--	--	40.0	98.4	836	2,500
	12/15/99		14.27	424.95	5,140	--	--	20.6	2.48	947	988
	03/21/00		14.72	424.50	2,430	--	--	7.78	<5.0	403	378

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-10	06/20/00		12.47	426.75	413	--	--	1.95	0.632	47.5	33.7
Continued	09/14/00		11.51	427.71	838	--	--	<3.3	<2.5	135	92.3
	09/14/00		--	--	666	--	--	<2.75	<2.5	120	80.4
	12/14/00		13.23	425.99	3,260	--	--	<5.0	<2.5	405	285
	12/14/00		14.07	425.15	3,030	--	--	<1.0	<2.5	425	316
	03/21/01		--	--	7,150	--	--	<22.0	<2.5	821	1,130
	06/21/01		13.27	425.95	6,040	--	--	10.1	122	637	1,150
	09/18/01		12.53	426.69	6,410	--	--	13.1	63.0	700	1,070
	03/25/02		14.55	424.67	4,140	--	--	7.88	49.9	524	681
	09/15/02		12.46	426.76	1,750	--	--	2.48	2.16	160	172
	04/10/03		13.92	425.30	10,000	--	--	<20	130	700	1,600
	09/05/03		10.97	428.25	3,100	--	--	<5	14	190	370
	03/03/04		14.16	425.06	4,100	--	--	<10	8.9	300	520
	09/20/04		13.71	425.51	13,000	--	--	<20	120	640	2,000
	04/04/05		14.45	424.77	3,800	--	--	<5.0	11	190	450
	09/29/05	439.19	12.53	426.69	6,500	--	--	<5.0	99	370	1,300
	03/24/06	**439.19**	**14.45**	**424.74**	**4,700**	**--**	**--**	**<25**	**2.7**	**220**	**530**
MW-11	06/30/95	440.42	13.96	426.46	34,000	14.9	--	10	102	8,000	28,000
	09/18/95		12.60	427.82	--	--	--	--	--	--	--
	12/12/95		--	--	--	--	--	--	--	--	--
	03/08/96		15.55	424.87	35,000	ND	--	230	12	1,400	2,600
	05/30/96		14.55	425.87	17,600	3.4	--	111	ND	883	2,070
	09/17/96		14.64	425.78	37,900	--	--	224	10.4	1,130	2,450
	12/11/96		15.42	425.00	28,800	--	--	222	ND	892	1,880
	03/13/97		16.05	424.37	29,500	--	--	165	ND	923	2,310
	06/18/97		15.16	425.26	--	--	--	--	--	--	--
	09/19/97		14.72	425.70	23,400	--	--	<100	<100	742	2,060
	12/10/97		15.60	424.82	19,600	--	--	34.2	13.2	667	1,490
	03/30/98		16.34	424.08	14,500	--	--	23.4	ND	301	795
	06/09/98		15.74	424.68	14,400	--	--	<25	<10	352	741
	09/15/98		14.12	426.30	12,700	--	--	<34	<10	319	603
	12/28/98		15.75	424.67	9,970	--	--	<1.0	<1.0	202	357.15
	03/13/99		16.34	424.08	9,110	--	--	53.9	22.0	290	523
	06/22/99		15.37	425.05	5,600	--	--	<30	<7.1	173	303
	06/22/99		--	--	5,140	--	--	<25.5	<7.5	197	342
	09/28/99		14.75	425.67	3,150	--	--	<10	<5.0	82	143
	12/15/99		15.63	424.79	8,090	--	--	<20	<7.5	162	276
	03/21/00		16.09	424.33	9,010	--	--	<5.0	<8.5	128	252
	06/21/00		13.84	426.58	8,700	--	--	19.2	<2.5	126	253
	09/14/00		13.08	427.34	5,440	--	--	<2.97	<2.98	94.0	175
	12/14/00		14.63	425.79	10,600	--	--	<4.0	<10.0	91.1	184
	03/21/01		15.49	424.93	12,200	--	--	<2.00	13.0	157	328
	06/20/01		--	--	--	--	--	--	--	--	--
	09/18/01		--	--	--	--	--	--	--	--	--

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-11	03/25/02		15.85	424.57	7,830	--	--	18.2	1.54	92.1	176
Continued	04/09/03		15.17	425.25	8,500	--	--	<20	<5.0	52	100
	03/02/04		15.50	424.92	4,900	--	--	<50	<2.5	40	76
	04/04/05		15.82	424.60	7,500	--	--	7.7	<2.5	46	85
	03/24/06	**440.38**	**15.63**	**424.75**	**4,600**	**--**	**--**	**<25**	**<10**	**20**	**40**
MW-12	06/30/95	439.59	13.29	426.30	67	--	--	ND	2	2	8
	09/20/95		11.95	427.64	ND	--	--	ND	ND	ND	ND
	12/13/95		13.83	425.76	ND	--	--	ND	ND	ND	ND
	03/07/96		14.90	424.69	ND	--	--	ND	ND	ND	ND
	05/31/96		13.90	425.69	ND	--	--	ND	ND	ND	ND
	09/16/96		13.96	425.63	ND	--	--	ND	ND	ND	ND
	12/11/96		14.75	424.84	ND	--	--	ND	ND	ND	ND
	03/13/97		15.31	424.28	ND	--	--	ND	ND	ND	ND
	06/18/97		14.43	425.16	<500	--	--	<0.5	<0.5	<0.5	<1.0
	09/20/97		14.05	425.54	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/10/97		--	--	--	--	--	--	--	--	--
	03/31/98		15.58	424.01	<500	--	--	<0.5	<0.5	<0.5	<1.0
	09/16/98		13.37	426.22	<500	--	--	<0.5	<0.5	<0.5	<1.0
	03/14/99		15.54	424.05	<500	--	--	<0.5	<0.5	<0.5	0.59
	09/28/99		13.98	425.61	<500	--	--	<0.5	<0.5	<0.5	1.21
	12/15/99		--	--	--	--	--	--	--	--	--
	03/21/00		15.22	424.37	<500	<0.5	--	<0.5	<0.5	<0.5	<1.0
	06/20/00		--	--	--	--	--	--	--	--	--
	09/13/00		12.00	427.59	<500	<0.5	--	<0.5	<0.5	<0.5	<1.0
	12/14/00		--	--	--	--	--	--	--	--	--
	03/21/01		14.59	425.00	<500	<0.2	--	<0.5	<0.5	<0.5	<1.0
					Well Decommissioned on 8/19/2004						
MW-13	06/30/95	439.17	12.92	426.25	6,700	--	--	1,700	790	460	6,900
	09/18/95		11.55	427.62	3,200	--	--	800	3	320	220
	12/13/95		13.45	425.72	7,000	--	--	1,400	ND	390	280
	12/13/95		--	--	7,100	--	--	1,400	0.98	370	260
	03/07/96		14.50	424.67	3,700	--	--	1,200	0.9	190	75
	05/31/96		13.56	425.61	10,500	--	--	2,090	781	578	829
	09/16/96		13.62	425.55	18,600	--	--	1,900	1,420	1,110	2,900
	09/16/96		--	--	17,000	--	--	2,060	1,440	1,050	2,700
	12/11/96		14.40	424.77	2,830	--	--	374	ND	351	217
	12/11/96		--	--	2,690	--	--	356	ND	330	216
	03/13/97		14.96	424.21	1,360	--	--	308	ND	178	ND
	03/13/97		--	--	1,960	--	--	371	ND	230	ND
	06/18/97		14.10	425.07	5,440	--	--	1,430	17.7	578	231
	09/19/97		13.70	425.47	4,830	--	--	751	<5	801	524
	09/19/97		--	--	4,800	--	--	691	<12.5	717	463
	12/10/97		14.47	424.70	2,050	--	--	231	3.5	417	206
	03/30/98		15.24	423.93	2,230	--	--	284	180	310	174

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-13	06/08/98		14.66	424.51	5,020	--	--	619	91.9	697	624
Continued	06/08/98		--	--	4,890	--	--	576	107	653	597
	09/15/98		13.02	426.15	1,730	--	--	99.1	0.636	281	118
	12/29/98		14.61	424.56	134	--	--	9.88	<1.0	14.8	25.9
	03/14/99		15.20	423.97	<500	--	--	7.85	<0.5	<0.5	2.34
	06/22/99		--	--	--	--	--	--	--	--	--
	09/28/99		13.64	425.53	1580	--	--	85.50	<2.5	306	224
	12/16/99		14.42	424.75	<50.0	--	--	7.39	<0.5	1.38	4.10
	03/22/00		14.89	424.28	<500	--	--	4.90	<0.5	<0.5	<1.0
	06/20/00		12.63	426.54	335	--	--	54.2	<0.5	23.3	17.8
	09/14/00		11.36	427.81	186	--	--	12.8	<0.5	14.8	24.3
	12/13/00		13.40	425.77	74	--	--	11.6	<0.5	2.35	7.02
	03/21/01		14.27	424.90	<500	--	--	4.91	<0.5	<0.5	<1.0
	06/20/01		13.44	425.73	410	--	--	40.6	4.17	51	53.1
	09/18/01		12.71	426.46	212	--	--	36.1	<0.500	25.7	23.5
	03/25/02		14.84	424.33	<50.0	--	--	18.1	<0.500	<0.500	<1.00
	09/15/02		11.64	427.53	79.9	--	--	20.0	<0.500	2.82	1.35
	04/10/03		14.18	424.99	26	--	--	9.0	<0.5	<0.5	<1.5
	09/05/03		11.18	427.99	180	--	--	50.0	<0.5	<0.5	7.00
	03/03/04		14.40	424.77	<10	--	--	0.6	<0.5	<0.5	<1.5
	09/20/04		13.95	425.22	390	--	--	120	<0.5	1.0	8.2
	04/04/05		14.71	424.46	32	--	--	11	<0.5	<0.5	<1.5
	09/29/05	439.26	12.82	426.35	52	--	--	13	<0.5	<0.5	<1.5
	03/23/06	**439.26**	**14.73**	**424.53**	**12**	**--**	**--**	**2.3**	**<0.5**	**<0.5**	**<1.5**
MW-14	06/30/95	439.26	13.10	426.16	57	0.5	--	0.7	4	2	8
	09/20/95		11.70	427.56	ND	--	--	0.6	ND	ND	ND
	12/13/95		13.65	425.61	ND	--	--	ND	ND	ND	ND
	03/07/96		14.70	424.56	ND	--	--	ND	ND	ND	ND
	05/31/96		13.71	425.55	ND	--	--	ND	ND	ND	ND
	09/16/96		13.81	425.45	ND	--	--	ND	0.626	ND	2.56
	12/11/96		14.59	424.67	ND	--	--	ND	ND	ND	ND
	03/13/97		15.13	424.13	ND	--	--	ND	ND	ND	ND
	06/18/97		14.28	424.98	<500	--	--	<0.5	<0.5	<0.5	<1.0
	09/20/97		13.91	425.35	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/10/97		--	--	--	--	--	--	--	--	--
	03/30/98		15.41	423.85	<500	--	--	<0.5	<0.5	<0.5	<1.0
	03/30/98		--	--	<500	--	--	<0.5	<0.5	<0.5	<1.0
	06/08/98		--	--	--	--	--	--	--	--	--
	09/17/98		13.20	426.06	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/29/98		--	--	--	--	--	--	--	--	--
	03/14/99		15.37	423.89	<500	--	--	<0.5	<0.5	<0.5	<1.0
	06/22/99		--	--	--	--	--	--	--	--	--
	09/28/99		13.81	425.45	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/15/99		--	--	--	--	--	--	--	--	--

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-14	03/21/00		15.04	424.22	<500	<0.5	--	<0.5	<0.5	<0.5	<1.0
Continued	06/20/00		--	--	--	--	--	--	--	--	--
	09/14/00		11.80	427.46	<500	<0.5	--	<0.5	<0.5	<0.5	<1.0
	12/14/00		--	--	--	--	--	--	--	--	--
	03/21/01		14.42	424.84	<500	<0.2	--	<0.5	<0.5	<0.5	<1.0
	03/21/01		--	--	<500	<0.2	--	<0.5	<0.5	<0.5	<1.0
	06/20/01		--	--	--	--	--	--	--	--	--
					Well Decommissioned on 8/19/2004						
MW-15	09/21/95	437.55	9.80	427.75	ND	--	--	ND	ND	ND	ND
	12/12/95		11.70	425.85	ND	--	--	ND	ND	ND	ND
	03/07/96		12.78	424.77	ND	--	--	ND	ND	ND	ND
	05/31/96		11.80	425.75	ND	--	--	ND	ND	ND	ND
	09/16/96		11.88	425.67	ND	--	--	ND	ND	ND	ND
	12/11/96		12.66	424.89	ND	--	--	ND	ND	ND	ND
	03/13/97		13.20	424.35	ND	--	--	ND	ND	ND	ND
	06/18/97		12.36	425.19	<500	--	--	<0.5	<0.5	<0.5	<1.0
	09/19/97		11.65	425.90	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/10/97		12.74	424.81	--	--	--	--	--	--	--
	03/30/98		13.46	424.09	--	--	--	--	--	--	--
	06/09/98		12.90	424.65	<500	--	--	<0.5	<0.5	<0.5	<1.0
	09/17/98		11.28	426.27	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/29/98		--	--	--	--	--	--	--	--	--
	03/13/99		13.46	424.09	<500	--	--	<0.5	<0.5	<0.5	<1.0
	06/22/99		--	--	--	--	--	--	--	--	--
	09/28/99		11.90	425.65	<500	--	--	<0.5	<0.5	0.511	2.92
	12/15/99		--	--	--	--	--	--	--	--	--
	03/21/00		13.13	424.42	<500	--	--	<0.5	<0.5	<0.5	<1.0
	06/20/00		--	--	--	--	--	--	--	--	--
	09/14/00		9.91	427.64	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/14/00		--	--	--	--	--	--	--	--	--
	03/21/01		--	--	--	--	--	--	--	--	--
	08/19/04				Well Decommissioned on 8/19/2004						
MW-16	09/21/95	437.96	10.33	427.63	ND	--	--	ND	ND	ND	ND
	12/12/95		12.25	425.71	ND	--	--	ND	ND	ND	ND
	05/30/96		12.30	425.66	ND	--	--	ND	ND	ND	ND
	09/16/96		12.44	425.52	ND	--	--	ND	ND	ND	ND
	12/12/96		13.17	424.79	ND	--	--	ND	ND	ND	ND
	03/13/97		13.72	424.24	ND	--	--	ND	ND	ND	ND
	06/18/97		12.89	425.07	<500	--	--	<0.5	<0.5	<0.5	<1.0
	09/19/97		12.53	425.43	<500	--	--	<0.5	<0.5	<0.5	1.88
	12/10/97		--	--	--	--	--	--	--	--	--
	03/31/98		14.05	423.91	<500	--	--	<0.5	<0.5	<0.5	<1.0
	06/09/98		--	--	--	--	--	--	--	--	--
	09/17/98		11.83	426.13	<500	--	--	<0.5	<0.5	<0.5	<1.0

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
MW-16	12/29/98		--	--	--	--	--	--	--	--	--
Continued	03/13/99		14.16	423.80	<500	--	--	<0.5	<0.5	<0.5	<1.0
	06/22/99		--	--	--	--	--	--	--	--	--
	09/28/99		12.46	425.50	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/15/99		--	--	--	--	--	--	--	--	--
	03/21/00		13.38	424.58	<500	--	--	<0.5	<0.5	<0.5	<1.0
	06/20/00		--	--	--	--	--	--	--	--	--
	09/14/00		10.42	427.54	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/14/00		--	--	--	--	--	--	--	--	--
	03/21/01		13.20	424.76	<500	--	--	<0.2	<0.5	<0.5	<1.0
					Well Decommissioned on 8/19/2004						
MW-23[D]	12/13/95		--	--	ND	--	--	ND	0.55	ND	ND
SWMW-1	06/26/95	440.34	14.72	425.62	225	--	--	114	ND	ND	ND
	09/19/95		12.79	427.55	360	--	--	150	ND	ND	ND
	12/13/95		14.68	425.66	ND	--	--	ND	ND	ND	ND
	03/07/96		15.71	424.63	ND	--	--	ND	ND	ND	ND
	06/01/96		14.79	425.55	ND	--	--	ND	ND	ND	ND
	06/01/96		--	--	ND	--	--	ND	ND	ND	ND
	09/16/96		14.84	425.50	ND	--	--	ND	ND	ND	ND
	12/12/96		15.59	424.75	ND	--	--	ND	ND	ND	ND
	03/13/97		--	--	--	--	--	--	--	--	--
	06/18/97		15.31	425.03	<500	--	--	0.534	<0.5	<0.5	<1.0
	09/20/97		14.80	425.54	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/10/97		15.71	424.63	--	--	--	--	--	--	--
	03/30/98		16.46	423.88	<500	--	--	<0.5	3.8	<0.5	<1.0
	06/09/98		--	--	--	--	--	--	--	--	--
	09/16/98		14.24	426.10	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/29/98		--	--	--	--	--	--	--	--	--
	03/14/99		16.44	423.90	<500	--	--	<0.5	<0.5	1.010	3.46
	06/22/99		--	--	--	--	--	--	--	--	--
	09/28/99		14.86	425.48	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/15/99		--	--	--	--	--	--	--	--	--
	03/21/00		16.11	424.23	<500	--	--	<0.5	<0.5	<0.5	<1.0
	06/20/00		--	--	--	--	--	--	--	--	--
	09/14/00		12.85	427.49	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/14/00		--	--	--	--	--	--	--	--	--
	03/21/01		15.48	424.86	<500	--	--	<0.2	<0.5	<0.5	<1.0
	06/20/01		--	--	--	--	--	--	--	--	--
					Well slated for removal						
Trip blank	09/16/96		--	--	ND	--	--	ND	ND	ND	ND
	12/11/96		--	--	ND	--	--	ND	ND	ND	ND
	03/13/97		--	--	ND	--	--	ND	ND	ND	ND
	06/18/97		--	--	<500	--	--	<0.5	<0.5	<0.5	<1.0
	09/18/97		--	--	<500	--	--	<0.5	<0.5	<0.5	<1.0

TABLE 2
Groundwater Elevation and POL Analytical Data

Former Texaco 21-1079
1501 Cushman St.
Fairbanks, Alaska

Sample ID	Sample Date	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	GRO (µg/l)	DRO (µg/l)	RRO (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)
				GCL:	1,300	1,500	1,100	5	2	700	10,000
Trip blank	12/10/97		--	--	<500	--	--	<0.5	<0.5	<0.5	<1.0
Continued	03/31/98		--	--	<500	--	--	<0.5	<0.5	<0.5	<1.0
	09/28/99		--	--	<500	--	--	<0.5	<0.5	<0.5	<1.0
	12/15/99		--	--	<500	--	--	<0.5	<0.5	<0.5	<1.0
	03/25/02		--	--	<50.0	--	--	<0.200	<0.500	<0.500	<1.00
	04/10/03		--	--	<10	--	--	<0.5	<0.5	<0.5	<1.5
	05/09/03		--	--	<10	--	--	<0.5	<0.5	<0.5	<1.5
	03/03/04		--	--	<10	--	--	<0.5	<0.5	<0.5	<1.5
	09/20/04		--	--	<10	--	--	<0.5	<0.5	<0.5	<1.5
	04/04/05		--	--	<10	--	--	<0.5	<0.5	<0.5	<1.5
	09/29/05		--	--	<10	--	--	<0.5	<0.5	<0.5	<1.5
	03/24/06		--	--	**<10**	--	--	**<0.5**	**<0.5**	**<0.5**	**<1.5**

Definitions:

POL = Petroleum, oil and lubricant
MSL = Mean sea level
TOC = Top of casing elevation
GRO = Gasoline-range organics
DRO = Diesel-range organics
RRO = Residual-range organics
µg/l = micrograms per liter
GCL = ADEC 18 AAC 75 Groundwater Cleanup Level
"--" = Not applicable or not available
"<" = Not detected above laboratory method reporting limit shown
ND = Not detected above laboratory method reporting limit
^{D} = Duplicate sample
Bold Type = Results of most recent sampling event

TABLE 3
Groundwater VOC and RCRA Metals Analytical Data

Former Texaco 21-1079, 1501 South Cushman Street
Fairbanks, Alaska

EPA Method:		504/8011	8260							6011								8021
Well ID	Sample Date	EDB (µg/l)	1.2-dibromo-ethane (µg/l)	1,1-dichloro-ethane (µg/l)	1,1,1,-trichloro-ethane (µg/l)	carbon tetra-chloride (µg/l)	1,2-dichloro-ethane (µg/l)	trichloro-ethene (µg/l)	tetra-chloro-ethene (µg/l)	Mercury (µg/l)	Arsenic (µg/l)	Selenium (µg/l)	Barium (µg/l)	Cadmium (µg/l)	Chromium (µg/l)	Lead (µg/l)	Silver (µg/l)	MtBE (µg/l)
	GCL:	0.05	0.05	3,650	200		5	5	5		50		2,000	5	100	15	180	0.47
MW-5	4/4/2005	<0.0096	--	--	--	--	<0.5	--	--	--	--	--	--	--	--	--	--	--
	9/29/2005	<0.0096	--	--	--	--	<0.5	--	--	<0.062	25.5	<9.4	267	<0.97	<4.8	<8.4	<2.0	--
	3/26/2006	**<0.0096**	**<3**	**<5**	**<4**	**<5**	**<3**	**<5**	**<4**	**<0.062**	**36.8**	**<9.4**	**303**	**1.3**	**<4.8**	**11.4**	**<2.0**	**<50**
MW-9	4/4/2005	0.016	--	--	--	--	<3	--	--	--	--	--	--	--	--	--	--	--
	9/29/2005	<0.0098	--	--	--	--	<1	--	--	<0.062	21.5	<9.4	293	<0.97	<4.8	13.7	<2.0	--
	3/26/2006	**<0.0097**	**<3**	**<5**	**<4**	**<5**	**<3**	**<5**	**<4**	**<0.062**	**26.9**	**<9.4**	**301**	**1.3**	**5.6**	**9.4**	**<2.0**	**<100**
Trip Blank	4/4/2005	<0.0093	--	--	--	--	<0.5	--	--	--	--	--	--	--	--	--	--	--
	9/29/2005	<0.0097	--	--	--	--	<0.5	--	--	--	--	--	--	--	--	--	--	--
	3/24/2006	**<0.0097**	**<0.5**	**<1**	**<0.8**	**<1**	**<0.5**	**<1**	**<0.8**	--	--	--	--	--	--	--	--	**<2.5**

Notes:
VOC = volatile organic compounds
RCRA = Resource Conservation and Recovery Act; samples analyzed using EPA Method 6010B
EDB = ethylene dibromide (1,2-dibromoethane); samples analyzed using Method 504 in April 2005 and Method 8011 in September 2005 and March 2006
MtBE = methyl tertiary-butyl ether
GCL = ADEC 18 AAC 75 Groundwater Cleanup Level
Bold Type = Results of most recent sampling event
[D] = Duplicate sample
-- = sample was not analyzed for this compound
<25 = result did not exceed indicated method reporting limit; an elevated reporting limit indicates sample was diluted

TABLE 4
Groundwater PAH[1] Analytical Data

Former Texaco 21-1079, 1501 South Cushman Street
Fairbanks, Alaska

Well ID	Sample Date	Naphth-alene (µg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo(a)-anthra-cene (µg/l)	Chrysene (µg/l)	Benzo(b)-fluoran-thene (µg/l)	Benzo(k)-fluoran-thene (µg/l)	Benzo(a)-pyrene (µg/l)	Indeno-(1,2,3-cd)-pyrene (µg/l)	Dibenz-(a,h)an-thracene (µg/l)	Benzo-(g,h,i)-perylene (µg/l)
	GCL:	700	2,200	2,200	1,460	11,000	11,000	1,460	1,100	1	100	1	10	0.2	1	0.1	1,100
MW-5	9/29/2005	170	<0.02	0.1	0.4	0.2	0.03	0.01	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02
	3/26/2006	**150**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**
MW-9	9/29/2005	73	<0.02	0.4	0.4	0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02
	3/26/2006	**86**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**

Notes:
[1]PAH = Polycyclic Aromatic Hydrocarbons; analyzed using EPA Method 8270
GCL = ADEC 18 AAC 75 Groundwater Cleanup Level
-- = sample was not analyzed for this compound
<25 = result did not exceed indicated method reporting limit; an elevated reporting limit indicates sample was diluted

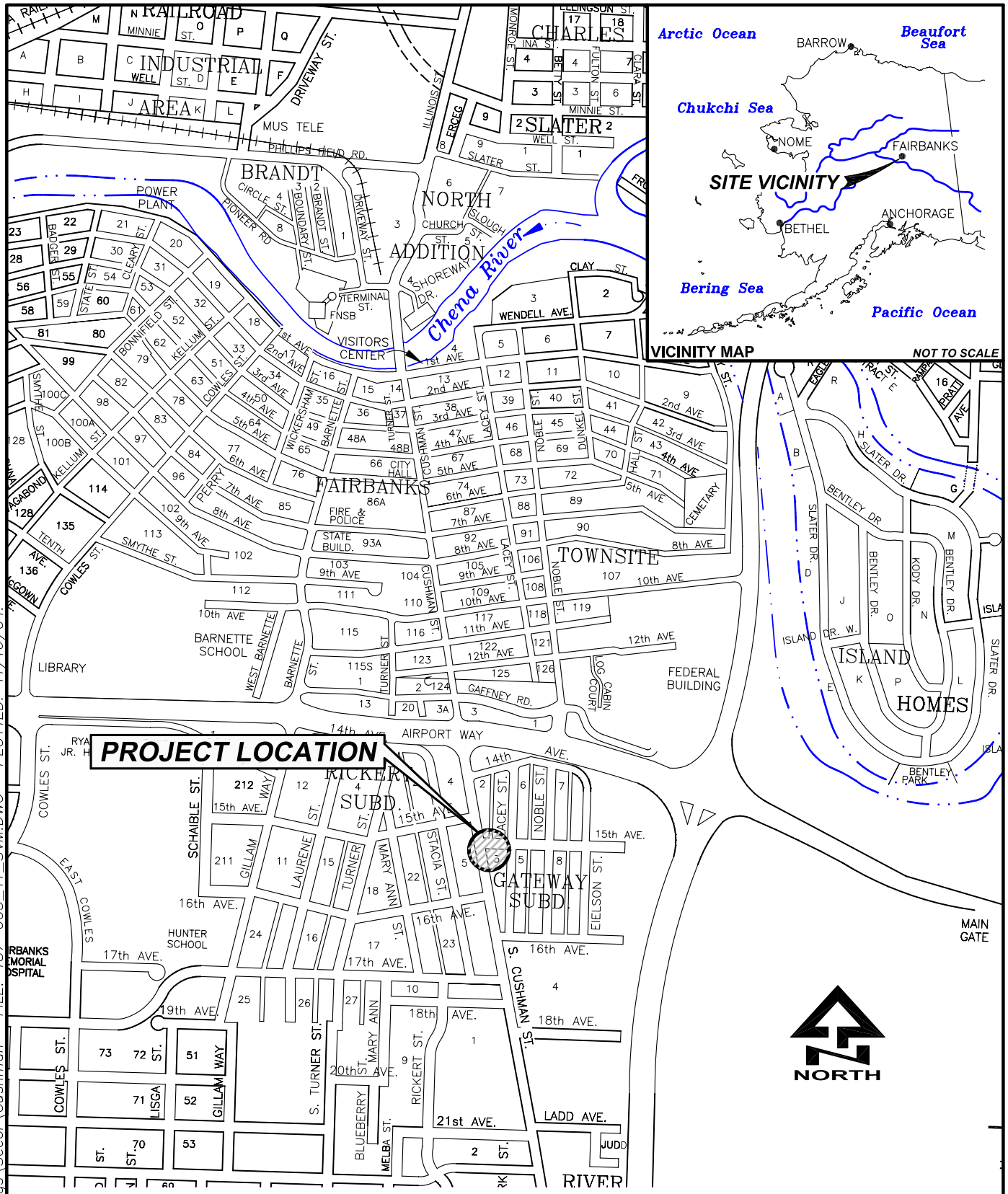
TABLE 5
ADEC Requested Analytes

Former Texaco Service Station 21-1079
1501 South Cushman Street
Fairbanks, Alaska

VOCs	RCRA Metals	Hydrocarbons	PAHs
Method 8260/8021[1]	**Method 6010/7470[2]**	**Alaska Method 101/102/103[3]**	**Method 8270**
Carbon tetrachloride	Arsenic	Gasoline-range organics (GRO)	Acenaphthene
Tetrachloroethene	Barium	Diesel-range organics (DRO)	Acenaphthylene
Trichloroethene	Cadmium	Residual-range organics (RRO)	Anthracene
1,1-dichloroethane	Chromium		Benzo (a) Anthracene
1,1,1-trichloroethane	Lead		Benzo (a) Pyrene
1,2-dibromoethane (EDB)*	Mercury		Benzo (b) flouranthene
1,2-dichloroethane (1,2-DCA)	Selenium		Benzo (ghi) perylene
Methyl t-butyl ether (MtBE)	Silver		Benzo (k) fluoranthene
BTEX			Chrysene
			Dibenz (a,h) anthracene
			Fluoranthene
			Fluorene
			Indo (1,2,3-cd) pyrene
			Napthalene
			Phenanthrene
			Pyrene

Notes:
ADEC = Alaska Department of Environmental Conservation
VOC = volatile organic compounds
RCRA = Resource Conservation and Recovery Act
PAH = polycyclic aromatic hydrocarbons
[1]MtBE and BTEX analyzed by Method 8021B; all other VOCs analyzed by Method 8260B
[2]Mercury analyzed by Method 7470; all other metals analyzed by Method 6010
[3]GRO analyzed by AK 101; DRO by AK 102; and RRO by AK 103
*EDB also analyzed by Method 8011

FIGURES



PATH: V:\Project Drawings\Secor\Cushman FILE: 187-003_T1_SVM.DWG PLOTTED: 11/16/04

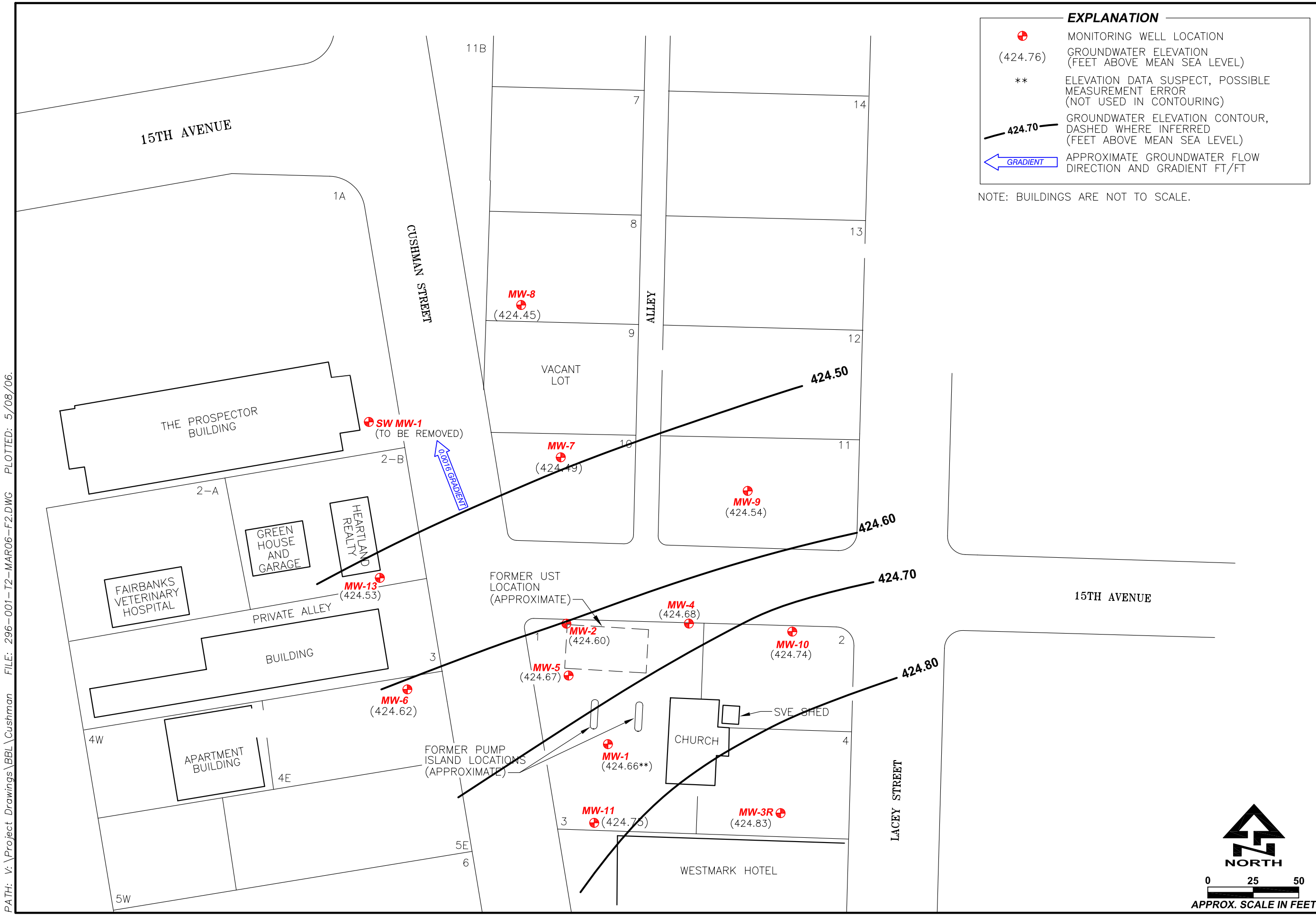
DATE	NOV. 2004
CHKD	C.B.
DRAWN	C.E.H.
PROJ. NO	178-003

oasis ENVIRONMENTAL
807 G STREET, SUITE #250
ANCHORAGE, ALASKA 99501

SITE LOCATION MAP

FORMER TEXACO FACILITY No. 211079
1501 So. CUSHMAN STREET
FAIRBANKS, ALASKA

FIGURE 1



EXPLANATION

⊕	MONITORING WELL LOCATION
(424.76)	GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
**	ELEVATION DATA SUSPECT, POSSIBLE MEASUREMENT ERROR (NOT USED IN CONTOURING)
424.70	GROUNDWATER ELEVATION CONTOUR, DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
GRADIENT	APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT FT/FT

NOTE: BUILDINGS ARE NOT TO SCALE.

FIGURE 2

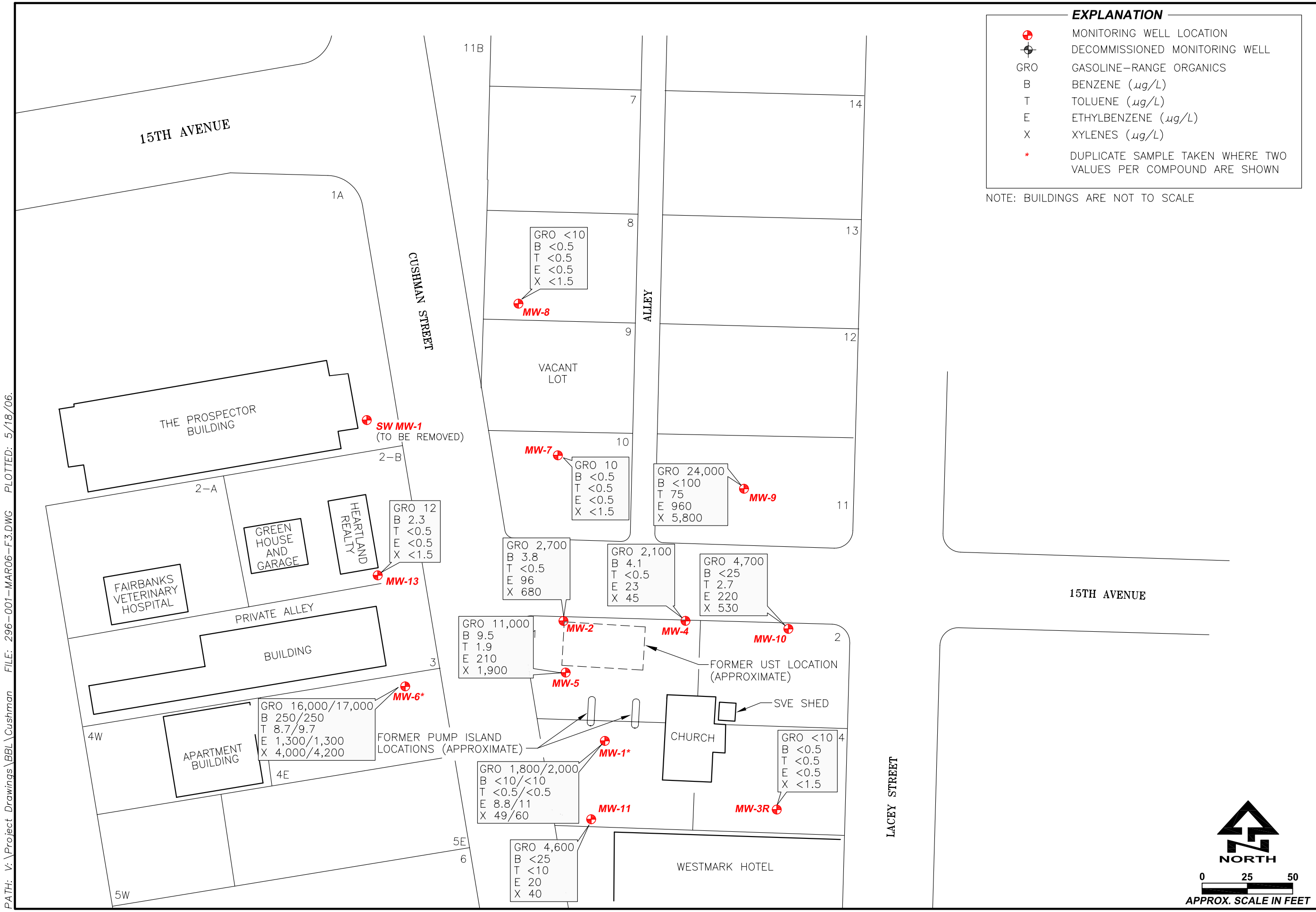
SITE PLAN WITH GROUNDWATER ELEVATIONS AND CONTOURS - MARCH 23, 2006

FORMER TEXACO FACILITY No. 211079
1501 So. CUSHMAN STREET
FAIRBANKS, ALASKA

oasis ENVIRONMENTAL
807 G STREET, SUITE #250
ANCHORAGE, ALASKA 99501

DATE MAY 2006
CHKD C.B.
DRAWN J.A.A.
PROJ. NO 296-001

PATH: V:\Project Drawings\BBL\Cushman FILE: 296-001-T2-MAR06-F2.DWG PLOTTED: 5/08/06.



EXPLANATION

⊕	MONITORING WELL LOCATION
⊕	DECOMMISSIONED MONITORING WELL
GRO	GASOLINE-RANGE ORGANICS
B	BENZENE (µg/L)
T	TOLUENE (µg/L)
E	ETHYLBENZENE (µg/L)
X	XYLENES (µg/L)
*	DUPLICATE SAMPLE TAKEN WHERE TWO VALUES PER COMPOUND ARE SHOWN

NOTE: BUILDINGS ARE NOT TO SCALE

FIGURE 3

SITE PLAN WITH CHEMICAL CONCENTATION DATA MARCH 23-26, 2006

FORMER TEXACO FACILITY No. 211079
1501 So. CUSHMAN STREET
FAIRBANKS, ALASKA

oasis ENVIRONMENTAL
807 G STREET, SUITE #250
ANCHORAGE, ALASKA 99501

DATE MAY 2006
CHKD C.B.
DRAWN J.A.A.
PROJ. NO 296-001

PATH: V:\Project Drawings\BBL\Cushman FILE: 296-001-MAR06-F3.DWG PLOTTED: 5/18/06.

ATTACHMENT 1
FIELD AND LABORATORY PROCEDURES

First Semiannual Groundwater Monitoring Report
Former Texaco Service Station 21-1079
1501 S. Cushman Street
Fairbanks, Alaska
May 18, 2006

Sampling Procedures

Groundwater samples are collected from monitoring wells at the site using groundwater sampling procedures summarized in the OASIS Quality Assurance Program Plan (QAPP) on file with the Alaska Department of Environmental Conservation (ADEC). The sampling procedure for each well includes gauging the well for water level and the presence of separate phase hydrocarbon (SPH) using a decontaminated oil-water interface probe. Wells not containing SPH are tested for dissolved oxygen and temperature using a submersible probe prior to purging. After the collection of dissolved oxygen and temperature measurements, wells not containing SPH are purged of three casing volumes of water using new disposable polyethylene bailers or dedicated 12-Volt purge pumps. Water quality parameters including temperature, pH, electrical conductivity, and turbidity are measured for each purge casing volume and are recorded on groundwater sample field data sheets presented in Attachment 2. The equipment and purging method used at each well for each sampling event are noted on the attached field data sheets.

Samples are collected using clean, laboratory-supplied containers and are preserved by acidification with hydrochloric acid and stored in coolers at 4° ± 2° C. The sample coolers are then delivered under chain-of-custody procedures, and laboratory-prescribed packaging protocols, to Lancaster Laboratories in Lancaster, Pennsylvania.

Laboratory Procedures

Groundwater samples were analyzed for the following: gasoline range hydrocarbons (GRO) by Alaska Method 101; benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 8021; methyl tertiary butyl ether (MtBE) also by Method 8021B; volatile organic compounds (VOCs) by EPA Method 8260; 1,2-dibromoethane (EDB) by EPA Method 8011; diesel range hydrocarbons (DRO) by Alaska Method 102; residual range hydrocarbons (RRO) by Alaska Method 103; RCRA metals by EPA Method 6010 and 7470 (mercury only); and polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270.

Purge and Rinsate Water Disposal

Purge water generated during well sampling and equipment cleaning is pumped into DOT approved 30-gallon drums onsite for temporary storage. The purge water drums are sampled and a composite sample is prepared and delivered with the groundwater samples to Lancaster Laboratories under the name "Wastewater." Results of the composite purge water sample analysis are delivered to the local waste water treatment plant for review and acceptance. Upon acceptance of the analytical results, purge water is transported to the Golden Heart Utilities facility in Fairbanks for supervised disposal.

ATTACHMENT 2
FIELD DATA SHEETS

First Semiannual Groundwater Monitoring Report
Former Texaco Service Station 21-1079
1501 S. Cushman Street
Fairbanks, Alaska
May 18, 2006

GROUNDWATER SAMPLE DATA SHEET

Project Number:	44672	Sample Location (ie. MW-1):	MW-1
Project Name:	1501 Cushman Street	Sample ID (ie. MW-1-W-yymmdd):	MW-1-W-060324
Client:	BBL	Date Sample Collected:	3/24/2006
Sampler:	Julie Ahern	Time sampled:	1715

Well Information

Groundwater:	X	Casing Diameter (in):	4	a) Well Depth (ft):	21.28
				b) Water Depth (ft):	16.25
Other:				c) Water Column (ft):	5.03
				d) Calc. Purge Vol. (gal):	3.3

Calculating Purge Volume

Well Casing Diameter	Multiply c) by:
2	0.16
4	0.65
6	1.47

Sand Pack Diameter	Multiply c) by:
8	0.71
10	1
12	1.28

Note: assuming sand pack has 29% porosity

Example 1- purging only well casing volume
2-inch casing and 6-foot water column
One Purge Volume= 0.16 X 6 = 0.96 gallons water

Example 2- purging well casing and sand pack volume
2-inch casing, 8-inch sand pack, and 6-foot water column
One Purge Volume= (0.16 X 6) + (0.71 X 6) = 5.22 gallons water

FIELD MEASUREMENTS

Time	Volume (gallons)	pH	Conductivity (mS)	Temperature (F)	Color	Turbidity	Redox	Dissolved O_2	Other
1655	3.2	7.53	0.457	2.1	clear	25	Not	Not	strong odor
1658	6.5	7.26	0.462	2	clear	9	Measured	Measured	no sheen
1700	10	7.22	0.465	2.7	clear	11			

Total Volume Purged (Gallons): 10 Free Product (y/n): No

Odor: Petroleum Hydrocarbon-like odor Sheen (y/n): No

Purge Method (disposable bailer, teflon bailer, **submersible pump**, etc.)

Sample Method (disposable bailer, teflon bailer, **submersible pump**, etc.)

Well Integrity (condition of casing, flush mount sealing properly, cement seal intact, etc.)
Good

Remarks (well recovery, unusual conditions/observations):
Good Recovery

Duplicate Sample ID:	**MW-1-WD-060324 @ 1730**	Analyses Requested:	GRO/BTEX using AK101/8021B
Split Sample ID:	None Collected		

Signed: Julie Ahern Date: 4/8/2006

Signed/reviewer: Date:

GROUNDWATER SAMPLE DATA SHEET

Project Number:	44672	Sample Location (ie. MW-1):	MW-2
Project Name:	1501 Cushman Street	Sample ID (ie. MW-1-W-yymmdd):	MW-2-W-060326
Client:	BBL	Date Sample Collected:	3/26/2006
Sampler:	Julie Ahern	Time sampled:	1330

Well Information

Groundwater:	X	Casing Diameter (in):	4	a) Well Depth (ft):	23
				b) Water Depth (ft):	14.79
Other:				c) Water Column (ft):	8.21
				d) Calc. Purge Vol. (gal):	5.3

Calculating Purge Volume

Well Casing Diameter	Multiply c) by:
2	0.16
4	0.65
6	1.47

Sand Pack Diameter	Multiply c) by:
8	0.71
10	1
12	1.28

Note: assuming sand pack has 29% porosity

Example 1- purging only well casing volume
2-inch casing and 6-foot water column
One Purge Volume= 0.16 X 6 = 0.96 gallons water

Example 2- purging well casing and sand pack volume
2-inch casing, 8-inch sand pack, and 6-foot water column
One Purge Volume= (0.16 X 6) + (0.71 X 6) = 5.22 gallons water

FIELD MEASUREMENTS

Time	Volume (gallons)	pH	Conductivity (mS)	Temperature (F)	Color	Turbidity	Redox	Dissolved O_2	Other
1315	5.25	7.15	0.721	3.5	clear	62	Not	Not	no sheen
1318	10.5	7.22	0.634	3.3	clear	22	Measured	Measured	odor
1321	16	7.27	0.647	3.1	clear	14			

Total Volume Purged (Gallons): 16 Free Product (y/n): No

Odor: Petroleum Hydrocarbon-like odor Sheen (y/n): No

Purge Method (disposable bailer, teflon bailer, **submersible pump**, etc.)

Sample Method (disposable bailer, teflon bailer, **submersible pump**, etc.)

Well Integrity (condition of casing, flush mount sealing properly, cement seal intact, etc.)
Well monument cover has been removed and well is exposed. Needs new secure monument.

Remarks (well recovery, unusual conditions/observations):
Good Recovery

Duplicate Sample ID:	None Collected	Analyses Requested:	GRO/BTEX using AK101/8021B
Split Sample ID:	None Collected		

Signed: Julie Ahern Date: 4/8/2006

Signed/reviewer: Date:

GROUNDWATER SAMPLE DATA SHEET

Project Number:	44672	Sample Location (ie. MW-1):	MW-3R
Project Name:	1501 Cushman Street	Sample ID (ie. MW-1-W-yymmdd):	MW-3R-W-060324
Client:	BBL	Date Sample Collected:	3/24/2006
Sampler:	Julie Ahern	Time sampled:	1045

Well Information

Groundwater:	X	Casing Diameter (in):	2	a) Well Depth (ft):	21.75
				b) Water Depth (ft):	15.31
Other:				c) Water Column (ft):	6.44
				d) Calc. Purge Vol. (gal):	1.0

Calculating Purge Volume

Well Casing Diameter	Multiply c) by:
2	0.16
4	0.65
6	1.47

Sand Pack Diameter	Multiply c) by:
8	0.71
10	1
12	1.28

Note: assuming sand pack has 29% porosity

Example 1- purging only well casing volume
2-inch casing and 6-foot water column
One Purge Volume= 0.16 X 6 = 0.96 gallons water

Example 2- purging well casing and sand pack volume
2-inch casing, 8-inch sand pack, and 6-foot water column
One Purge Volume= (0.16 X 6) + (0.71 X 6) = 5.22 gallons water

FIELD MEASUREMENTS

Time	Volume (gallons)	pH	Conductivity (mS)	Temperature (F)	Color	Turbidity	Redox	Dissolved O_2	Other
1025	1	7.19	0.51	4.5	brown	999	Not	Not	no sheen
1028	2	7.14	0.494	4.2	brown	999	Measured	Measured	no odor
1031	3	7.15	0.485	3.8	brown	999			sitly

Total Volume Purged (Gallons): 3 Free Product (y/n): No

Odor: None Sheen (y/n): No

Purge Method (**disposable bailer**, teflon bailer, submersible pump, etc.)

Sample Method (**disposable bailer**, teflon bailer, submersible pump, etc.)

Well Integrity (condition of casing, flush mount sealing properly, cement seal intact, etc.)
Good

Remarks (well recovery, unusual conditions/observations):
Good Recovery

Duplicate Sample ID:	None Collected	Analyses Requested:	GRO/BTEX using AK101/8021B
Split Sample ID:	None Collected		

Signed: Julie Ahern Date: 4/8/2006

Signed/reviewer: Date:

GROUNDWATER SAMPLE DATA SHEET

Project Number:	44672	Sample Location (ie. MW-1):	MW-4
Project Name:	1501 Cushman Street	Sample ID (ie. MW-1-W-yymmdd):	MW-4-W-060324
Client:	BBL	Date Sample Collected:	3/24/2006
Sampler:	Julie Ahern	Time sampled:	1815

Well Information

Groundwater:	X	Casing Diameter (in):	4	a) Well Depth (ft):	22.06
				b) Water Depth (ft):	14.3
Other:				c) Water Column (ft):	7.76
				d) Calc. Purge Vol. (gal):	5.0

Calculating Purge Volume

Well Casing Diameter	Multiply c) by:
2	0.16
4	0.65
6	1.47

Sand Pack Diameter	Multiply c) by:
8	0.71
10	1
12	1.28

Note: assuming sand pack has 29% porosity

Example 1- purging only well casing volume
2-inch casing and 6-foot water column
One Purge Volume= 0.16 X 6 = 0.96 gallons water

Example 2- purging well casing and sand pack volume
2-inch casing, 8-inch sand pack, and 6-foot water column
One Purge Volume= (0.16 X 6) + (0.71 X 6) = 5.22 gallons water

FIELD MEASUREMENTS

Time	Volume (gallons)	pH	Conductivity (mS)	Temperature (F)	Color	Turbidity	Redox	Dissolved O_2	Other
1807	5	7.28	0.518	3.4	lt yellow	35	Not	Not	no sheen
1810	10	7.22	0.469	3.3	clear	11	Measured	Measured	strong odor
1813	15	7.25	0.448	3.2	clear	5			

Total Volume Purged (Gallons): _____ Free Product (y/n): No

Odor: Petroleum Hydrocarbon-like odor Sheen (y/n): No

Purge Method (disposable bailer, teflon bailer, **submersible pump**, etc.)

Sample Method (disposable bailer, teflon bailer, **submersible pump**, etc.)

Well Integrity (condition of casing, flush mount sealing properly, cement seal intact, etc.)
Good

Remarks (well recovery, unusual conditions/observations):
Good Recovery

Duplicate Sample ID:	None Collected	Analyses Requested:	GRO/BTEX using AK101/8021B
Split Sample ID:	None Collected		

Signed: Julie Ahern Date: 4/8/2006

Signed/reviewer: Date:

GROUNDWATER SAMPLE DATA SHEET

Project Number:	44672	Sample Location (ie. MW-1):	MW-5
Project Name:	1501 Cushman Street	Sample ID (ie. MW-1-W-yymmdd):	MW-5-W-060326
Client:	BBL	Date Sample Collected:	3/26/2006
Sampler:	Julie Ahern	Time sampled:	1415

Well Information

Groundwater:	X	Casing Diameter (in):	4	a) Well Depth (ft):	20.4
				b) Water Depth (ft):	15.15
Other:				c) Water Column (ft):	5.25
				d) Calc. Purge Vol. (gal):	3.4

Calculating Purge Volume

Well Casing Diameter	Multiply c) by:
2	0.16
4	0.65
6	1.47

Sand Pack Diameter	Multiply c) by:
8	0.71
10	1
12	1.28

Note: assuming sand pack has 29% porosity

Example 1- purging only well casing volume
2-inch casing and 6-foot water column
One Purge Volume= 0.16 X 6 = 0.96 gallons water

Example 2- purging well casing and sand pack volume
2-inch casing, 8-inch sand pack, and 6-foot water column
One Purge Volume= (0.16 X 6) + (0.71 X 6) = 5.22 gallons water

FIELD MEASUREMENTS

Time	Volume (gallons)	pH	Conductivity (mS)	Temperature (F)	Color	Turbidity	Redox	Dissolved O_2	Other
1403	3.5	7.21	0.584	3.4	clear	10	Not	Not	faint sheen
1405	7	7.22	0.565	3.3	clear	14	Measured	Measured	strong odor
1408	10	7.29	0.558	3.3	clear	13			

Total Volume Purged (Gallons): 10 Free Product (y/n): No

Odor: Petroleum Hydrocarbon-like odor Sheen (y/n): Yes

Purge Method (disposable bailer, teflon bailer, **submersible pump**, etc.)

Sample Method (disposable bailer, teflon bailer, **submersible pump**, etc.)

Well Integrity (condition of casing, flush mount sealing properly, cement seal intact, etc.)
Well cover (Baker) is almost cracked in half and needs to be replaced.

Remarks (well recovery, unusual conditions/observations):
Good Recovery

Duplicate Sample ID:	None Collected	Analyses Requested:	GRO/DRO/RRO by AK101/102/103
Split Sample ID:	None Collected		BTEX & MtBE by 8021B
			RCRA Metals by 6010/7470
			PAHs by 8270; VOCs by 8260B

Signed: Julie Ahern Date: 4/8/2006

Signed/reviewer: Date:

GROUNDWATER SAMPLE DATA SHEET

Project Number:	44672	Sample Location (ie. MW-1):	MW-6
Project Name:	1501 Cushman Street	Sample ID (ie. MW-1-W-yymmdd):	MW-6-W-060324
Client:	BBL	Date Sample Collected:	3/24/2006
Sampler:	Julie Ahern	Time sampled:	1300

Well Information

Groundwater:	X	Casing Diameter (in):	4	a) Well Depth (ft):	22.46
				b) Water Depth (ft):	14.85
Other:				c) Water Column (ft):	7.61
				d) Calc. Purge Vol. (gal):	4.9

Calculating Purge Volume

Well Casing Diameter	Multiply c) by:
2	0.16
4	0.65
6	1.47

Sand Pack Diameter	Multiply c) by:
8	0.71
10	1
12	1.28

Note: assuming sand pack has 29% porosity

Example 1- purging only well casing volume
2-inch casing and 6-foot water column
One Purge Volume= 0.16 X 6 = 0.96 gallons water

Example 2- purging well casing and sand pack volume
2-inch casing, 8-inch sand pack, and 6-foot water column
One Purge Volume= (0.16 X 6) + (0.71 X 6) = 5.22 gallons water

FIELD MEASUREMENTS

Time	Volume (gallons)	pH	Conductivity (mS)	Temperature (F)	Color	Turbidity	Redox	Dissolved O_2	Other
1250	5	7.15	0.94	2.6	lt orange	99	Not	Not	strong odor
1252	10	7.14	0.825	2.7	clear	27	Measured	Measured	no sheen
1255	15	7.19	0.809	2.8	clear	11			

Total Volume Purged (Gallons): 16 Free Product (y/n): No

Odor: Petroleum Hydrocarbon-like odor Sheen (y/n): No

Purge Method (disposable bailer, teflon bailer, **submersible pump**, etc.)

Sample Method (disposable bailer, teflon bailer, **submersible pump**, etc.)

Well Integrity (condition of casing, flush mount sealing properly, cement seal intact, etc.)
Good

Remarks (well recovery, unusual conditions/observations):
Good Recovery

Duplicate Sample ID:	**MW-6-WD-060324 @ 1315**	Analyses Requested:	GRO/BTEX using AK101/8021B
Split Sample ID:	None Collected		

Signed: Julie Ahern Date: 4/8/2006

Signed/reviewer: Date:

GROUNDWATER SAMPLE DATA SHEET

Project Number:	44672	Sample Location (ie. MW-1):	MW-7
Project Name:	1501 Cushman Street	Sample ID (ie. MW-1-W-yymmdd):	MW-7-W-060324
Client:	BBL	Date Sample Collected:	3/24/2006
Sampler:	Julie Ahern	Time sampled:	1500

Well Information

Groundwater:	X	Casing Diameter (in):	4	a) Well Depth (ft):	23.2
				b) Water Depth (ft):	15.21
Other:				c) Water Column (ft):	7.99
				d) Calc. Purge Vol. (gal):	5.2

Calculating Purge Volume

Well Casing Diameter	Multiply c) by:
2	0.16
4	0.65
6	1.47

Sand Pack Diameter	Multiply c) by:
8	0.71
10	1
12	1.28

Note: assuming sand pack has 29% porosity

Example 1- purging only well casing volume
2-inch casing and 6-foot water column
One Purge Volume= 0.16 X 6 = 0.96 gallons water

Example 2- purging well casing and sand pack volume
2-inch casing, 8-inch sand pack, and 6-foot water column
One Purge Volume= (0.16 X 6) + (0.71 X 6) = 5.22 gallons water

FIELD MEASUREMENTS

Time	Volume (gallons)	pH	Conductivity (mS)	Temperature (F)	Color	Turbidity	Redox	Dissolved O_2	Other
1455	5	7.44	0.827	4.1	orange	674	Not	Not	faint odor
1457	10	7.41	0.813	4	orange	290	Measured	Measured	no sheen
1459	15	7.39	0.788	3.9	lt orange	236			

Total Volume Purged (Gallons): 15 Free Product (y/n): No

Odor: Faint petroleum hydrocarbon-like odor Sheen (y/n): No

Purge Method (disposable bailer, teflon bailer, **submersible pump**, etc.)

Sample Method (disposable bailer, teflon bailer, **submersible pump**, etc.)

Well Integrity (condition of casing, flush mount sealing properly, cement seal intact, etc.)
Good

Remarks (well recovery, unusual conditions/observations):
Good Recovery

Duplicate Sample ID:	None Collected	Analyses Requested:	GRO/BTEX using AK101/8021B
Split Sample ID:	None Collected		

Signed: Julie Ahern Date: 4/8/2006

Signed/reviewer: Date:

GROUNDWATER SAMPLE DATA SHEET

Project Number:	44672	Sample Location (ie. MW-1):	MW-8
Project Name:	1501 Cushman Street	Sample ID (ie. MW-1-W-yymmdd):	MW-8-W-060324
Client:	BBL	Date Sample Collected:	3/24/2006
Sampler:	Julie Ahern	Time sampled:	1415

Well Information

Groundwater:	X	Casing Diameter (in):	2	a) Well Depth (ft):	17.31
				b) Water Depth (ft):	15.13
Other:				c) Water Column (ft):	2.18
				d) Calc. Purge Vol. (gal):	0.3

Calculating Purge Volume

Well Casing Diameter	Multiply c) by:
2	0.16
4	0.65
6	1.47

Sand Pack Diameter	Multiply c) by:
8	0.71
10	1
12	1.28

Note: assuming sand pack has 29% porosity

Example 1- purging only well casing volume
2-inch casing and 6-foot water column
One Purge Volume= 0.16 X 6 = 0.96 gallons water

Example 2- purging well casing and sand pack volume
2-inch casing, 8-inch sand pack, and 6-foot water column
One Purge Volume= (0.16 X 6) + (0.71 X 6) = 5.22 gallons water

FIELD MEASUREMENTS

Time	Volume (gallons)	pH	Conductivity (mS)	Temperature (F)	Color	Turbidity	Redox	Dissolved O_2	Other
1400	0.4	7.31	1.03	3.6	yell/brwn	908	Not	Not	no sheen
1402	0.9	7.26	0.99	3.4	yell/brwn	500	Measured	Measured	no odor
1404	1.2	7.23	0.91	3.3	beige	389			

Total Volume Purged (Gallons): 1.2 Free Product (y/n): No

Odor: None Sheen (y/n): No

Purge Method (**disposable bailer**, teflon bailer, submersible pump, etc.)

Sample Method (**disposable bailer**, teflon bailer, submersible pump, etc.)

Well Integrity (condition of casing, flush mount sealing properly, cement seal intact, etc.)
Good

Remarks (well recovery, unusual conditions/observations):
Good Recovery

Duplicate Sample ID:	None Collected	Analyses Requested:	GRO/BTEX using AK101/8021B
Split Sample ID:	None Collected		

Signed: Julie Ahern Date: 4/8/2006

Signed/reviewer: Date:

GROUNDWATER SAMPLE DATA SHEET

Project Number:	44672	Sample Location (ie. MW-1):	MW-9
Project Name:	1501 Cushman Street	Sample ID (ie. MW-1-W-yymmdd):	MW-9-W-0603246
Client:	BBL	Date Sample Collected:	3/26/2006
Sampler:	Julie Ahern	Time sampled:	1615

Well Information

Groundwater:	X	Casing Diameter (in):	2	a) Well Depth (ft):	17.55
				b) Water Depth (ft):	14.21
Other:				c) Water Column (ft):	3.34
				d) Calc. Purge Vol. (gal):	0.5

Calculating Purge Volume

Well Casing Diameter	Multiply c) by:
2	0.16
4	0.65
6	1.47

Sand Pack Diameter	Multiply c) by:
8	0.71
10	1
12	1.28

Note: assuming sand pack has 29% porosity

Example 1- purging only well casing volume
2-inch casing and 6-foot water column
One Purge Volume= 0.16 X 6 = 0.96 gallons water

Example 2- purging well casing and sand pack volume
2-inch casing, 8-inch sand pack, and 6-foot water column
One Purge Volume= (0.16 X 6) + (0.71 X 6) = 5.22 gallons water

FIELD MEASUREMENTS

Time	Volume (gallons)	pH	Conductivity (mS)	Temperature (F)	Color	Turbidity	Redox	Dissolved O_2	Other
1600	0.5	7.46	0.513	4.4	gray	134	Not	Not	faint sheen
1604	1	7.39	0.511	4.3	gray	191	Measured	Measured	strong odor
1607	1.5	7.43	0.501	4.2	gray	288			small white worms

Total Volume Purged (Gallons): 1.5 Free Product (y/n): No

Odor: Petroleum Hydrocarbon-like odor Sheen (y/n): Yes

Purge Method (**disposable bailer**, teflon bailer, submersible pump, etc.)

Sample Method (**disposable bailer**, teflon bailer, submersible pump, etc.)

Well Integrity (condition of casing, flush mount sealing properly, cement seal intact, etc.)
Good

Remarks (well recovery, unusual conditions/observations):
Good Recovery

Duplicate Sample ID:	None Collected	Analyses Requested:	GRO/DRO/RRO by AK101/102/103
Split Sample ID:	None Collected		BTEX & MtBE by 8021B
			RCRA Metals by 6010/7470
			PAHs by 8270; VOCs by 8260B

Signed: Julie Ahern Date: 4/8/2006

Signed/reviewer: Date:

GROUNDWATER SAMPLE DATA SHEET

Project Number:	44672	Sample Location (ie. MW-1):	MW-10
Project Name:	1501 Cushman Street	Sample ID (ie. MW-1-W-yymmdd):	MW-10-W-060324
Client:	BBL	Date Sample Collected:	3/24/2006
Sampler:	Julie Ahern	Time sampled:	1115

Well Information

Groundwater:	X	Casing Diameter (in):	2	a) Well Depth (ft):	16.65
				b) Water Depth (ft):	14.45
Other:				c) Water Column (ft):	2.2
				d) Calc. Purge Vol. (gal):	0.4

Calculating Purge Volume

Well Casing Diameter	Multiply c) by:
2	0.16
4	0.65
6	1.47

Sand Pack Diameter	Multiply c) by:
8	0.71
10	1
12	1.28

Note: assuming sand pack has 29% porosity

Example 1- purging only well casing volume
2-inch casing and 6-foot water column
One Purge Volume= 0.16 X 6 = 0.96 gallons water

Example 2- purging well casing and sand pack volume
2-inch casing, 8-inch sand pack, and 6-foot water column
One Purge Volume= (0.16 X 6) + (0.71 X 6) = 5.22 gallons water

FIELD MEASUREMENTS

Time	Volume (gallons)	pH	Conductivity (mS)	Temperature (F)	Color	Turbidity	Redox	Dissolved O_2	Other
1103	0.4	7.28	0.6	1.4	gray	147	Not	Not	faint sheen
1106	0.8	7.24	0.552	1.5	gray	148	Measured	Measured	odor
1108	1.2	7.28	0.535	1.6	gray	116			

Total Volume Purged (Gallons): 1.2 Free Product (y/n): No

Odor: Petroleum Hydrocarbon-like odor Sheen (y/n): No

Purge Method (**disposable bailer**, teflon bailer, submersible pump, etc.)

Sample Method (**disposable bailer**, teflon bailer, submersible pump, etc.)

Well Integrity (condition of casing, flush mount sealing properly, cement seal intact, etc.)
Good

Remarks (well recovery, unusual conditions/observations):
Good Recovery

Duplicate Sample ID:	None Collected	Analyses Requested:	GRO/BTEX using AK101/8021B
Split Sample ID:	None Collected		

Signed: Julie Ahern Date: 4/8/2006

Signed/reviewer: Date:

GROUNDWATER SAMPLE DATA SHEET

Project Number:	44672	Sample Location (ie. MW-1):	MW-11
Project Name:	1501 Cushman Street	Sample ID (ie. MW-1-W-yymmdd):	MW-11-W-060324
Client:	BBL	Date Sample Collected:	3/24/2006
Sampler:	Julie Ahern	Time sampled:	1615

Well Information

Groundwater:	X	Casing Diameter (in):	2	a) Well Depth (ft):	17.16
				b) Water Depth (ft):	15.63
Other:				c) Water Column (ft):	1.53
				d) Calc. Purge Vol. (gal):	0.2

Calculating Purge Volume

Well Casing Diameter	Multiply c) by:
2	0.16
4	0.65
6	1.47

Sand Pack Diameter	Multiply c) by:
8	0.71
10	1
12	1.28

Note: assuming sand pack has 29% porosity

Example 1- purging only well casing volume
2-inch casing and 6-foot water column
One Purge Volume= 0.16 X 6 = 0.96 gallons water

Example 2- purging well casing and sand pack volume
2-inch casing, 8-inch sand pack, and 6-foot water column
One Purge Volume= (0.16 X 6) + (0.71 X 6) = 5.22 gallons water

FIELD MEASUREMENTS

Time	Volume (gallons)	pH	Conductivity (mS)	Temperature (F)	Color	Turbidity	Redox	Dissolved O_2	Other
1610	0.3	7.2	0.472	2.4	olive	316	Not	Not	strong odor
1612	0.6	7.27	0.475	2.4	dark gray	171	Measured	Measured	
1615	0.9	7.28	0.478	2.3	gray	168			

Total Volume Purged (Gallons): 1 Free Product (y/n): No

Odor: Petroleum Hydrocarbon-like odor Sheen (y/n): Yes

Purge Method (**disposable bailer**, teflon bailer, submersible pump, etc.)

Sample Method (**disposable bailer**, teflon bailer, submersible pump, etc.)

Well Integrity (condition of casing, flush mount sealing properly, cement seal intact, etc.)
Good

Remarks (well recovery, unusual conditions/observations):
Good Recovery

Duplicate Sample ID:	None Collected	Analyses Requested:	GRO/BTEX using AK101/8021B
Split Sample ID:	None Collected		

Signed: Julie Ahern Date: 4/8/2006

Signed/reviewer: Date:

GROUNDWATER SAMPLE DATA SHEET

Project Number:	44672	Sample Location (ie. MW-1):	MW-13
Project Name:	1501 Cushman Street	Sample ID (ie. MW-1-W-yymmdd):	MW-13-W-060324
Client:	BBL	Date Sample Collected:	3/23/2006
Sampler:	Julie Ahern	Time sampled:	1745

Well Information

Groundwater:	X	Casing Diameter (in):	2	a) Well Depth (ft):	17.14
				b) Water Depth (ft):	14.73
Other:				c) Water Column (ft):	2.41
				d) Calc. Purge Vol. (gal):	0.4

Calculating Purge Volume

Well Casing Diameter	Multiply c) by:
2	0.16
4	0.65
6	1.47

Sand Pack Diameter	Multiply c) by:
8	0.71
10	1
12	1.28

Note: assuming sand pack has 29% porosity

Example 1- purging only well casing volume
2-inch casing and 6-foot water column

Example 2- purging well casing and sand pack volume
2-inch casing, 8-inch sand pack, and 6-foot water column
One Purge Volume= (0.16 X 6) + (0.71 X 6) = 5.22 gallons water

FIELD MEASUREMENTS

Time	Volume (gallons)	pH	Conductivity (mS)	Temperature (F)	Color	Turbidity	Redox	Dissolved O_2	Other
1740	0.4	7.12	1.05	3.5	lt orange	107	Not	Not	no sheen
1742	0.8	7.06	1.02	3	light brown	66	Measured	Measured	no odor
1745	1.4	7.05	1.01	2.8	clear	64			

Total Volume Purged (Gallons): 1.4 Free Product (y/n): No

Odor: None Sheen (y/n): No

Purge Method (**disposable bailer**, teflon bailer, submersible pump, etc.)

Sample Method (**disposable bailer**, teflon bailer, submersible pump, etc.)

Well Integrity (condition of casing, flush mount sealing properly, cement seal intact, etc.)
Good

Remarks (well recovery, unusual conditions/observations):
Good Recovery

Duplicate Sample ID:	None Collected	Analyses Requested:	GRO/BTEX using AK101/8021B
Split Sample ID:	None Collected		

Signed: Julie Ahern Date: 4/8/2006

Signed/reviewer: Date:

ATTACHMENT 3
LABORATORY ANALYTICAL REPORTS
AND CHAIN-OF-CUSTODY DOCUMENTATION

First Semiannual Groundwater Monitoring Report
Former Texaco Service Station 21-1079
1501 S. Cushman Street
Fairbanks, Alaska
May 18, 2006

Lancaster Laboratories

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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 983384. Samples arrived at the laboratory on Tuesday, March 28, 2006. The PO# for this group is 0015002075 and the release number is HARTUNG-FRERICH.

Client Description	Lancaster Labs Number
MW-13-W-060323 Grab Water Sample	4738566
MW-3R-W-060324 Grab Water Sample	4738567
MW-10-W-060324 Grab Water Sample	4738568
MW-6-W-060324 Grab Water Sample	4738569
MW-6-WD-060324 Grab Water Sample	4738570
MW-8-W-060324 Grab Water Sample	4738571
MW-7-W-060324 Grab Water Sample	4738572
MW-11-W-060324 Grab Water Sample	4738573
MW-1-W-060324 Grab Water Sample	4738574
MW-1-WD-060324 Grab Water Sample	4738575
MW-4-W-060324 Grab Water Sample	4738576
MW-2-W-060324 Grab Water Sample	4738577
MW-5-W-060326 Grab Water Sample	4738578
MW-9-W-060326 Grab Water Sample	4738579
Wastewater-W-060326 Composite Water Sample	4738580
QA-T-06032326 Water Sample	4738581

ELECTRONIC COPY TO	Oasis Environmental, Inc.	Attn: Julie Ahern
ELECTRONIC COPY TO	Blasland, Bouck & Lee	Attn: Rebecca Andresen

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Elizabeth A. Smith
Senior Specialist

Analysis Report

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

Lancaster Laboratories Sample No. WW 4738566

MW-13-W-060323 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/23/2006 17:45 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:16
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

07913

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	12.	10.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	2.3	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/30/2006 10:53	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 10:53	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 10:53	Martha L Seidel	1

Analysis Report

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Lancaster Laboratories Sample No. WW 4738567

MW-3R-W-060324 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/24/2006 10:45 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:16
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0793R

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	N.D.	10.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/30/2006 11:26	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 11:26	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 11:26	Martha L Seidel	1

Analysis Report

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Lancaster Laboratories Sample No. WW 4738568

MW-10-W-060324 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/24/2006 11:15 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:16
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

07910

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	4,700.	10.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	25.	ug/l	1
02164	Toluene	108-88-3	2.7	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	220.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	530.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	50.	ug/l	1

Due to the presence of interferents near their retention time, normal reporting limits were not attained for the compounds listed below. The presence or concentration of these compounds cannot be determined below the reporting limits due to the presence of these interferents.
MTBE and benzene

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/30/2006 11:59	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 11:59	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 11:59	Martha L Seidel	1

Analysis Report

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Lancaster Laboratories Sample No. WW 4738569

MW-6-W-060324 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/24/2006 13:00 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:16
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

079M6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	16,000.	100.	ug/l	10
02159	BTEX, MTBE					
02161	Benzene	71-43-2	250.	0.5	ug/l	1
02164	Toluene	108-88-3	8.7	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	1,300.	5.0	ug/l	10
02171	Total Xylenes	1330-20-7	4,000.	15.	ug/l	10
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	50.	ug/l	1

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/31/2006 00:05	Martha L Seidel	10
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 12:32	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/31/2006 00:05	Martha L Seidel	10
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 12:32	Martha L Seidel	1

Analysis Report

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Lancaster Laboratories Sample No. WW 4738570

MW-6-WD-060324 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/24/2006 13:15 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:16
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0796D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	17,000.	100.	ug/l	10
02159	BTEX, MTBE					
02161	Benzene	71-43-2	250.	0.5	ug/l	1
02164	Toluene	108-88-3	9.7	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	1,300.	5.0	ug/l	10
02171	Total Xylenes	1330-20-7	4,200.	15.	ug/l	10
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	50.	ug/l	1

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. Thepresence or concentration of this compound cannot be determined due to the presence of this interferent.

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/31/2006 00:38	Martha L Seidel	10
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 13:05	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/31/2006 00:38	Martha L Seidel	10
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 13:05	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	2	03/31/2006 00:38	Martha L Seidel	10

Analysis Report

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Lancaster Laboratories Sample No. WW 4738571

MW-8-W-060324 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/24/2006 14:15 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:16
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0798-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	N.D.	10.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/30/2006 23:32	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 23:32	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	2	03/30/2006 23:32	Martha L Seidel	1

Analysis Report

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Lancaster Laboratories Sample No. WW 4738572

MW-7-W-060324 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/24/2006 15:00 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:16
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0797-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	10.	10.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/31/2006 04:23	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/31/2006 04:23	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	2	03/31/2006 04:23	Martha L Seidel	1

Analysis Report

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Lancaster Laboratories Sample No. WW 4738573

MW-11-W-060324 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/24/2006 16:15 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:16
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

07911

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	4,600.	10.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	25.	ug/l	1
02164	Toluene	108-88-3	N.D.	10.	ug/l	1
02166	Ethylbenzene	100-41-4	20.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	40.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	50.	ug/l	1

Due to the presence of interferents near their retention time, normal reporting limits were not attained for the compounds listed below. The presence or concentration of these compounds cannot be determined below the reporting limits due to the presence of these interferents.
MTBE, benzene, and toluene

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/30/2006 15:50	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 15:50	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 15:50	Martha L Seidel	1

Analysis Report

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Lancaster Laboratories Sample No. WW 4738574

MW-1-W-060324 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/24/2006 17:15 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:16
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0791-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	1,800.	10.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	10.	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	8.8	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	49.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	20.	ug/l	1

Due to the presence of interferents near their retention time, normal reporting limits were not attained for the compounds listed below. The presence or concentration of these compounds cannot be determined below the reporting limits due to the presence of these interferents.
MTBE and benzene

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/30/2006 16:23	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 16:23	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 16:23	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4738575

MW-1-WD-060324 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/24/2006 17:30 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:16
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0791D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	2,000.	10.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	10.	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	11.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	60.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	25.	ug/l	1

Due to the presence of interferents near their retention time, normal reporting limits were not attained for the compounds listed below. The presence or concentration of these compounds cannot be determined below the reporting limits due to the presence of these interferents.
MTBE and benzene

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/30/2006 16:56	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 16:56	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 16:56	Martha L Seidel	1

Analysis Report

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Lancaster Laboratories Sample No. WW 4738576

MW-4-W-060324 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/24/2006 18:15 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:16
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0794-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	2,100.	10.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	4.1	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	23.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	45.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	20.	ug/l	1

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/30/2006 17:29	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 17:29	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 17:29	Martha L Seidel	1

Analysis Report

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Lancaster Laboratories Sample No. WW 4738577

MW-2-W-060324 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/26/2006 13:30 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:17
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0792-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	2,700.	10.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	3.8	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	96.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	680.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	10.	ug/l	1

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/30/2006 18:02	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 18:02	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 18:02	Martha L Seidel	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4738578

MW-5-W-060326 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/26/2006 14:15 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:17
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0795-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.062	ug/l	1
07035	Arsenic	7440-38-2	36.8	9.3	ug/l	1
07036	Selenium	7782-49-2	N.D.	9.4	ug/l	1
07046	Barium	7440-39-3	303.	0.44	ug/l	1
07049	Cadmium	7440-43-9	1.3	0.97	ug/l	1
07051	Chromium	7440-47-3	N.D.	4.8	ug/l	1
07055	Lead	7439-92-1	11.4	8.4	ug/l	1
07066	Silver	7440-22-4	N.D.	2.0	ug/l	1
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	11,000.	50.	ug/l	5
02159	BTEX, MTBE					
02161	Benzene	71-43-2	9.5	0.5	ug/l	1
02164	Toluene	108-88-3	1.9	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	210.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	1,900.	7.5	ug/l	5
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	50.	ug/l	1
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.					
02923	TPH-DRO/RRO (AK) water					
02943	C10-<C25 DRO	n.a.	2,800.	420.	ug/l	20
02946	C25-C36 RRO	n.a.	N.D.	420.	ug/l	20
07879	EDB in Wastewater					
01087	Ethylene dibromide	106-93-4	N.D.	0.0096	ug/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	150.	2.	ug/l	2
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4738578

MW-5-W-060326 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/26/2006 14:15 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:17
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0795-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
05382	EPA SW846/8260 (water)					
05393	1,1-Dichloroethane	75-34-3	N.D.	5.	ug/l	5
05398	1,1,1-Trichloroethane	71-55-6	N.D.	4.	ug/l	5
05399	Carbon Tetrachloride	56-23-5	N.D.	5.	ug/l	5
05402	1,2-Dichloroethane	107-06-2	N.D.	3.	ug/l	5
05403	Trichloroethene	79-01-6	N.D.	5.	ug/l	5
05409	Tetrachloroethene	127-18-4	N.D.	4.	ug/l	5
05412	1,2-Dibromoethane	106-93-4	N.D.	3.	ug/l	5

The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	04/03/2006 08:46	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	03/30/2006 14:15	John P Hook	1
07036	Selenium	SW-846 6010B	1	03/30/2006 14:15	John P Hook	1
07046	Barium	SW-846 6010B	1	03/30/2006 14:15	John P Hook	1
07049	Cadmium	SW-846 6010B	1	03/30/2006 14:15	John P Hook	1
07051	Chromium	SW-846 6010B	1	03/30/2006 14:15	John P Hook	1
07055	Lead	SW-846 6010B	1	03/30/2006 14:15	John P Hook	1
07066	Silver	SW-846 6010B	1	03/30/2006 14:15	John P Hook	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4738578

MW-5-W-060326 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/26/2006 14:15 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:17
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0795-						
01440	Alaska AK101 GRO (waters)	AK 101	1	03/31/2006 01:11	Martha L Seidel	5
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 18:35	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/31/2006 01:11	Martha L Seidel	5
02923	TPH-DRO/RRO (AK) water	AK 102/103 4/08/02 modified	1	04/05/2006 03:10	Sarah M Snyder	20
07879	EDB in Wastewater	SW-846 8011	1	04/03/2006 22:17	James H Place	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	04/01/2006 00:03	Linda M Hartenstine	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	04/01/2006 03:33	Linda M Hartenstine	2
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/31/2006 19:15	Emiley A King	5
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 18:35	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	2	03/31/2006 01:11	Martha L Seidel	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/31/2006 19:15	Emiley A King	5
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	03/29/2006 17:45	Mirit S Shenouda	1
02376	Extraction - Fuel/TPH (Waters)	AK 102/AK 103 04/08/02	1	03/29/2006 17:15	Olivia I Santiago	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	03/31/2006 19:00	Nelli S Markaryan	1
07786	EDB Extraction	SW-846 8011	1	03/30/2006 12:00	Deborah M Zimmerman	1
07807	BNA Water Extraction	SW-846 3510C	1	03/29/2006 17:15	Olivia I Santiago	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4738579

MW-9-W-060326 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/26/2006 16:15 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:17
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0799-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.062	ug/l	1
07035	Arsenic	7440-38-2	26.9	9.3	ug/l	1
07036	Selenium	7782-49-2	N.D.	9.4	ug/l	1
07046	Barium	7440-39-3	301.	0.44	ug/l	1
07049	Cadmium	7440-43-9	1.3	0.97	ug/l	1
07051	Chromium	7440-47-3	5.6	4.8	ug/l	1
07055	Lead	7439-92-1	9.4	8.4	ug/l	1
07066	Silver	7440-22-4	N.D.	2.0	ug/l	1
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	24,000.	100.	ug/l	10
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	100.	ug/l	1
02164	Toluene	108-88-3	75.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	960.	5.0	ug/l	10
02171	Total Xylenes	1330-20-7	5,800.	15.	ug/l	10
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	100.	ug/l	1
	Due to the presence of interferents near their retention time, normal reporting limits were not attained for the compounds listed below. The presence or concentration of these compounds cannot be determined below the reporting limits due to the presence of these interferents. MTBE and benzene					
02923	TPH-DRO/RRO (AK) water					
02943	C10-<C25 DRO	n.a.	2,400.	390.	ug/l	20
02946	C25-C36 RRO	n.a.	N.D.	390.	ug/l	20
07879	EDB in Wastewater					
01087	Ethylene dibromide	106-93-4	N.D.	0.0097	ug/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	86.	1.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4738579

MW-9-W-060326 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/26/2006 16:15 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:17
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0799-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
05382	EPA SW846/8260 (water)					
05393	1,1-Dichloroethane	75-34-3	N.D.	5.	ug/l	5
05398	1,1,1-Trichloroethane	71-55-6	N.D.	4.	ug/l	5
05399	Carbon Tetrachloride	56-23-5	N.D.	5.	ug/l	5
05402	1,2-Dichloroethane	107-06-2	N.D.	3.	ug/l	5
05403	Trichloroethene	79-01-6	N.D.	5.	ug/l	5
05409	Tetrachloroethene	127-18-4	N.D.	4.	ug/l	5
05412	1,2-Dibromoethane	106-93-4	N.D.	3.	ug/l	5

The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	03/30/2006 07:52	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	03/30/2006 14:29	John P Hook	1
07036	Selenium	SW-846 6010B	1	03/30/2006 14:29	John P Hook	1
07046	Barium	SW-846 6010B	1	03/30/2006 14:29	John P Hook	1
07049	Cadmium	SW-846 6010B	1	03/30/2006 14:29	John P Hook	1
07051	Chromium	SW-846 6010B	1	03/30/2006 14:29	John P Hook	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4738579

MW-9-W-060326 Grab Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/26/2006 16:15 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:17
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

0799-

07055	Lead	SW-846 6010B	1	03/30/2006 14:29	John P Hook	1
07066	Silver	SW-846 6010B	1	03/30/2006 14:29	John P Hook	1
01440	Alaska AK101 GRO (waters)	AK 101	1	03/31/2006 01:44	Martha L Seidel	10
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 19:08	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/31/2006 01:44	Martha L Seidel	10
02923	TPH-DRO/RRO (AK) water	AK 102/103 4/08/02 modified	1	04/05/2006 03:38	Sarah M Snyder	20
07879	EDB in Wastewater	SW-846 8011	1	04/03/2006 23:17	James H Place	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	04/01/2006 00:56	Linda M Hartenstine	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/31/2006 19:38	Emiley A King	5
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 19:08	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	2	03/31/2006 01:44	Martha L Seidel	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/31/2006 19:38	Emiley A King	5
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	03/29/2006 17:45	Mirit S Shenouda	1
02376	Extraction - Fuel/TPH (Waters)	AK 102/AK 103 04/08/02	1	03/29/2006 17:15	Olivia I Santiago	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	03/29/2006 19:45	Nelli S Markaryan	1
07786	EDB Extraction	SW-846 8011	1	03/30/2006 12:00	Deborah M Zimmerman	1
07807	BNA Water Extraction	SW-846 3510C	1	03/29/2006 17:15	Olivia I Santiago	1

Analysis Report

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Lancaster Laboratories Sample No. WW 4738580

Wastewater-W-060326 Composite Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/26/2006 17:00 by JA

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:17
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

079WW

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00430	Flash Point for Liquids	n.a.	No Flash Observed		Degrees F	1
	No flash observed below 156F.					
	Test flame extinguished at 136F.					
	Flash point was determined using Pensky Martens closed cup apparatus.					
08079	HEM (oil & grease)	n.a.	2,600.	1,400.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	29.	0.5	ug/l	1
02164	Toluene	108-88-3	1.8	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	160.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	610.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	20.	ug/l	1
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.					

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00430	Flash Point for Liquids	ASTM D93-90	1	04/03/2006 09:40	Susan A Engle	1
08079	HEM (oil & grease)	EPA 1664A	1	04/05/2006 12:30	Yolunder Y Bunch	1
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 02:25	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 02:25	Martha L Seidel	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4738581

QA-T-06032326 Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/24/2006 08:00

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:17
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

079QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01440	Alaska AK101 GRO (waters)					
01442	Alaska AK101 GRO (waters)	n.a.	N.D.	10.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
07879	EDB in Wastewater					
01087	Ethylene dibromide	106-93-4	N.D.	0.0097	ug/l	1
05382	EPA SW846/8260 (water)					
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1

State of Alaska Lab Certification No. UST-061

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01440	Alaska AK101 GRO (waters)	AK 101	1	03/30/2006 10:20	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	03/30/2006 10:20	Martha L Seidel	1
07879	EDB in Wastewater	SW-846 8011	1	04/04/2006 00:19	James H Place	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4738581

QA-T-06032326 Water Sample
Facility# 211079
1501 S Cushman St-Fairbanks,AK
Collected:03/24/2006 08:00

Account Number: 11964

Submitted: 03/28/2006 09:15
Reported: 04/07/2006 at 16:17
Discard: 05/08/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

079QA

05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/31/2006 18:52	Emiley A King	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/30/2006 10:20	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/31/2006 18:52	Emiley A King	1
07786	EDB Extraction	SW-846 8011	1	03/30/2006 12:00	Deborah M Zimmerman	1

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 983384
Reported: 04/07/06 at 04:17 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 060880020A	Sample number(s): 4738578-4738579,4738581							
Ethylene dibromide	N.D.	0.010	ug/l	108	108	60-140	0	20
Batch number: 060880023A	Sample number(s): 4738578-4738579							
C10-<C25 DRO	N.D.	20.	ug/l	79	80	75-125	2	20
C25-C36 RRO	N.D.	20.	ug/l	78	78	75-125	0	20
Batch number: 060881848004	Sample number(s): 4738578-4738579							
Arsenic	N.D.	0.0093	mg/l	101		80-120		
Selenium	N.D.	0.0094	mg/l	99		80-120		
Barium	N.D.	0.00044	mg/l	99		90-110		
Cadmium	N.D.	0.00097	mg/l	99		90-112		
Chromium	N.D.	0.0048	mg/l	98		90-110		
Lead	N.D.	0.0084	mg/l	101		90-113		
Silver	N.D.	0.0020	mg/l	97		90-118		
Batch number: 060885713001	Sample number(s): 4738579							
Mercury	N.D.	0.00006 2	mg/l	108		80-120		
Batch number: 06088A51A	Sample number(s): 4738566-4738579,4738581							
Alaska AK101 GRO (waters)	N.D.	10.	ug/l	102	103	60-120	1	20
Benzene	N.D.	0.5	ug/l	92	94	86-119	2	30
Toluene	N.D.	0.5	ug/l	100	98	82-119	2	30
Ethylbenzene	N.D.	0.5	ug/l	104	98	81-119	5	30
Total Xylenes	N.D.	1.5	ug/l	106	100	82-120	6	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	97	95	82-124	3	30
Batch number: 06088A56A	Sample number(s): 4738580							
Benzene	N.D.	0.5	ug/l	107	106	86-119	1	30
Toluene	N.D.	0.5	ug/l	106	105	82-119	1	30
Ethylbenzene	N.D.	0.5	ug/l	106	106	81-119	0	30
Total Xylenes	N.D.	1.5	ug/l	108	108	82-120	0	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	106	105	82-124	1	30
Batch number: 06088WAC026	Sample number(s): 4738578-4738579							
Naphthalene	N.D.	1.	ug/l	84	87	70-104	3	30
Acenaphthylene	N.D.	1.	ug/l	93	94	84-123	0	30
Acenaphthene	N.D.	1.	ug/l	90	91	68-111	1	30
Fluorene	N.D.	1.	ug/l	94	97	61-116	3	30
Phenanthrene	N.D.	1.	ug/l	88	90	68-111	2	30
Anthracene	N.D.	1.	ug/l	86	86	68-108	0	30
Fluoranthene	N.D.	1.	ug/l	87	86	66-108	1	30
Pyrene	N.D.	1.	ug/l	98	101	68-114	3	30
Benzo(a)anthracene	N.D.	1.	ug/l	99	100	72-112	1	30
Chrysene	N.D.	1.	ug/l	96	97	70-111	1	30
Benzo(b)fluoranthene	N.D.	1.	ug/l	107	108	67-117	1	30

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

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 983384
Reported: 04/07/06 at 04:17 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Benzo(k)fluoranthene	N.D.	1.	ug/l	106	107	67-120	1	30
Benzo(a)pyrene	N.D.	1.	ug/l	108	109	68-121	1	30
Indeno(1,2,3-cd)pyrene	N.D.	1.	ug/l	108	110	67-122	2	30
Dibenz(a,h)anthracene	N.D.	1.	ug/l	108	109	71-129	1	30
Benzo(g,h,i)perylene	N.D.	1.	ug/l	107	109	67-121	2	30
Batch number: 060905713001	Sample number(s): 4738578							
Mercury	N.D.	0.00006 2	mg/l	111		80-120		
Batch number: 06093043001A	Sample number(s): 4738580							
Flash Point for Liquids				98	100	97-103	2	4
Batch number: 06095807901A	Sample number(s): 4738580							
HEM (oil & grease)	2.3	1.4	mg/l	90	80	78-114	12	20
Batch number: W060902AA	Sample number(s): 4738578-4738579,4738581							
1,1-Dichloroethane	N.D.	1.	ug/l	105		83-127		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	104		83-127		
Carbon Tetrachloride	N.D.	1.	ug/l	102		77-130		
1,2-Dichloroethane	N.D.	0.5	ug/l	110		77-132		
Trichloroethene	N.D.	1.	ug/l	106		87-117		
Tetrachloroethene	N.D.	0.8	ug/l	91		74-125		
1,2-Dibromoethane	N.D.	0.5	ug/l	97		81-114		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 060880020A	Sample number(s): 4738578-4738579,4738581 UNSPK: 4738578 BKG: 4738579								
Ethylene dibromide	87		65-135			N.D.	N.D.	0 (1)	30
Batch number: 060881848004	Sample number(s): 4738578-4738579 UNSPK: P737235 BKG: P737235								
Arsenic	105	104	75-125	1	20	N.D.	N.D.	61* (1)	20
Selenium	101	100	75-125	1	20	N.D.	N.D.	67* (1)	20
Barium	101	100	75-125	1	20	0.0404	0.0418	3	20
Cadmium	99	98	83-116	1	20	N.D.	N.D.	7 (1)	20
Chromium	99	98	81-120	1	20	N.D.	N.D.	16 (1)	20
Lead	102	101	75-125	1	20	N.D.	N.D.	153* (1)	20
Silver	101	99	75-125	1	20	N.D.	N.D.	-62 (1)	20
Batch number: 060885713001	Sample number(s): 4738579 UNSPK: P735570 BKG: P735570								
Mercury	120	119	80-120	1	20	N.D.	N.D.	-415 (1)	20
Batch number: 06088A51A	Sample number(s): 4738566-4738579,4738581 UNSPK: 4738566, 4738567								
Alaska AK101 GRO (waters)	114		60-120						
Benzene	99		78-131						
Toluene	106		78-129						
Ethylbenzene	112		75-133						
Total Xylenes	118		84-131						

*- 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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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 983384
Reported: 04/07/06 at 04:17 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Methyl tert-Butyl Ether	94		70-134						
Batch number: 06088A56A	Sample number(s): 4738580 UNSPK: P737198								
Benzene	(2)		78-131						
Toluene	119		78-129						
Ethylbenzene	123		75-133						
Total Xylenes	123		84-131						
Methyl tert-Butyl Ether	51*		70-134						
Batch number: 060905713001	Sample number(s): 4738578 UNSPK: P735583 BKG: P735583								
Mercury	112	110	80-120	2	20	N.D.	N.D.	0 (1)	20
Batch number: W060902AA	Sample number(s): 4738578-4738579,4738581 UNSPK: P740061								
1,1-Dichloroethane	113	113	85-135	0	30				
1,1,1-Trichloroethane	116	114	81-142	2	30				
Carbon Tetrachloride	116	116	79-155	1	30				
1,2-Dichloroethane	115	113	70-143	2	30				
Trichloroethene	115	112	83-136	3	30				
Tetrachloroethene	103	102	78-133	1	30				
1,2-Dibromoethane	102	102	78-120	0	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: EDB in Wastewater
Batch number: 060880020A

	1,1,2,2-Tetrachloroethane
4738578	102
4738579	131*
4738581	101
Blank	111
DUP	143*
LCS	112
LCSD	115
MS	125*
Limits:	52-120

Analysis Name: TPH-DRO/RRO (AK) water
Batch number: 060880023A

	Orthoterphenyl	n-Triacontane-d62
4738578	108	98
4738579	90	83
Blank	102	91
LCS	104	88

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

Quality Control Summary

Client Name: Chevron Group Number: 983384
Reported: 04/07/06 at 04:17 PM

Surrogate Quality Control

LCSD	101	86		
Limits:	50-150	50-150		

Analysis Name: Alaska AK101 GRO (waters)
Batch number: 06088A51A

	Trifluorotoluene-F	Trifluorotoluene-P		
4738566	102	102		
4738567	98	95		
4738568	107	105		
4738569	94	112		
4738570	96	112		
4738571	96	93		
4738572	100	100		
4738573	111	104		
4738574	104	96		
4738575	104	97		
4738576	103	102		
4738577	102	104		
4738578	96	107		
4738579	100	113		
4738581	101	102		
Blank	99	95		
LCS	105	95		
LCSD	103	105		
MS	107	101		
Limits:	60-120	69-129		

Analysis Name: BTEX, MTBE
Batch number: 06088A56A

	Trifluorotoluene-F	Trifluorotoluene-P		
4738580		119		
Blank	110	114		
LCS	101	115		
LCSD	106	115		
MS	113	111		
Limits:	63-135	69-129		

Analysis Name: PAHs in Water by GC/MS
Batch number: 06088WAC026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14	
4738578	100	92	97	
4738579	98	87	91	
Blank	103	91	98	
LCS	102	94	100	
LCSD	104	96	106	
Limits:	51-123	64-112	52-151	

Analysis Name: EPA SW846/8260 (water)
Batch number: W060902AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

*- 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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Analysis Report

Quality Control Summary

Client Name: Chevron
Group Number: 983384
Reported: 04/07/06 at 04:17 PM

Surrogate Quality Control

4738578	105	103	98	101
4738579	106	104	99	104
4738581	109	106	98	96
Blank	105	104	98	97
LCS	106	107	99	101
MS	106	105	100	102
MSD	105	106	100	103
Limits:	80-116	77-113	80-113	78-113

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

Chevron Generic Analysis Request/Chain of Custody

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Page 1 of 2

For Lancaster Laboratories use only
Acct. #: 11964 Sample #: _____ SCR#: 25874

Facility #: 211079-OML
Site Address: 1501 South Cushman St., Fairbanks, AK 99701
Chevron PM: Stacie Hartong-Frerich Lead Consultant: BB&L
Consultant/Office: Seattle, WA
Consultant Prj. Mgr.: Rebecca Andresen
Consultant Phone #: 206-325-5254 Fax #: 206-325-8218
Sampler: Julie Ahern, OASIS Environmental
Service Order #: _____ ☐ Non SAR: _____

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☒ NPDES)	Matrix: Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☒ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates AK101 (GRO) (H)	TPH G	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification
MW-13-W-060323	3/23/06	1745	X			X		3	X		X					
MW-3R-W-060324	3/24/06	1045	X			X		3	X		X					
MW-10-W-060324	3/24/06	1115	X			X		3	X		X					
MW-6-W-060324	3/24/06	1300	X			X		3	X		X					
MW-6-WD-060324	3/24/06	1315	X			X		3	X		X					
MW-8-W-060324	3/24/06	1415	X			X		3	X		X					
MW-7-W-060324	3/24/06	1500	X			X		3	X		X					
MW-11-W-060324	3/24/06	1615	X			X		3	X		X					
MW-1-W-060324	3/24/06	1715	X			X		3	X		X					
MW-1-WD-060324	3/24/06	1730	X			X		3	X		X					
MW-4-W-060324	3/24/06	1815	X			X		3	X		X					
MW-2-W-060324	3/26/06	1330	X			X		3	X		X					
			X			X										

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

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* ~~3~~ 4 more Samples on Page 2

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
K. Hunter	3-7-06	1530	[signature]	3/4/06	1500
[signature]	3/27/06	1030			
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by: [signature]	3/28/06	0915

Temperature Upon Receipt 4.6°, 3.0° C°
Custody Seals Intact? Yes No

Chevron Generic Analysis Request/Chain of Custody

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Page 2 of 2

For Lancaster Laboratories use only
Acct. #: 11964 Sample #: _____ SCR#: 004743 / 1204762

Facility #: 211079-OML
Site Address: 1501 South Cushman St, Fairbanks, AK, 99701
Chevron PM: Stacie Hartung-Frerichs Lead Consultant: BB&L
Consultant/Office: Seattle, WA
Consultant Prj. Mgr.: Rebecca Andresen
Consultant Phone #: 206-325-5254 Fax #: 206-325-8218
Sampler: Julie Ahern, OASIS Environmental
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☒ NPDES

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☒ 8260 ☐ Naphth ☐ (H)	8260 full scan (H)	Oxygenates (H)	TPH G (T)	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	~~VOHEPH~~ HEM (H)	NWTPH H HCID ☐ quantification	AK 102/103 (DRO/RRO) (H)	EPA 8270 (PAH)	Flash Point	EPA 6010/7470 (RCRA metals) (N)
MW-5-W-060326	3/26/06	1415	X			X		13	X	X	X	X					X	X		X
MW-9-W-060326	3/26/06	1615	X					13	X	X	X	X					X	X		X
Waste Water-W-060326	3/26/06	1700		X		X		6	X						X				X	
QA-T-060324	3/24/06	0800	X			X		5	X	X	X	X								

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

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
*VOC (8260B) Analytes:
1,1-dichloroethane
1,2-dichloroethane
1,2-dibromoethane
1,1,1-trichloroethane
Trichloroethene
Tetrachloroethene
Carbon Tetrachloride

*For RCRA Metals:
Mercury by EPA 7470
All others (7) by EPA 6010

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6-23-05	1035	[signature]	6/24/06	1600
[signature]	3/27/06	1030	~~Received by:~~	~~Date~~	~~Time~~
~~Relinquished by:~~	~~Date~~	~~Time~~	~~Received by:~~	~~Date~~	~~Time~~

Relinquished by Commercial Carrier:
UPS FedEx Other _____
Temperature Upon Receipt 4.6°, 3.0° C°

Received by: [signature] Date 3/28/06 Time 0915
Custody Seals Intact? Yes No

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

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

> greater than

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

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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