CROW BUTTE RESOURCES, INC.

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August 3, 2000

Mr. Philip Ting, Chief
Uranium Recovery Branch, Division of Waste Management
Office of Nuclear Material Safety and Safeguards
Mail Stop T-7-J-8
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, Maryland 20850

Re: Source Materials License SUA-1534
Docket No. 40-8943
Monitor Well SM6-18 Upper Control Limit Exceedance Quarterly Report

Dear Mr. Ting:

On March 6, 2000 during routine biweekly water sampling of Crow Butte Resources, Inc. (CBR) shallow monitor well SM6-18, the single parameter upper control limit (UCL) was exceeded for chloride. As required by SUA-1534, a second sample was collected within 48 hours and analyzed for the five excursion indicator parameters. The results of the second sample also exceeded the single UCL for chloride. Based upon these results, monitor well SM6-18 was placed on excursion status. This report is the first quarterly report scheduled after the initial 60-Day Report required in License Condition 12.2.

As required by License Condition 11.2, CBR has increased the sampling frequency for SM6-18 from biweekly to weekly. Laboratory results for the analysis of weekly samples from May 8 through July 31, 2000 are attached. The data indicates that chloride concentrations have remained stable since March 6, ranging from 20 to 23 mg/l, which is just slightly above the single UCL of 19 mg/l. All other excursion monitoring parameters have remained stable at levels that are well below their respective UCLs.

In addition to the weekly monitoring data for the period since the 60-Day Report, graphs are attached for each excursion parameter and water level for the period from March 9, 1998 though July 31, 2000. These graphs cover the entire monitoring period for the well. As shown in the graphs, the chloride concentrations in SM6-18 have gradually increased during the monitoring period. The baseline mean for chloride from samples collected in December 1997 was 12.1 mg/l. From March 1998 through July 1999, chloride levels were stable at 10 to 11 mg/l. After July 1999, chloride gradually increased through April 2000 and is now stable at 20 to 22 mg/l. The cause of the increase

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in the chloride concentration during this period is not known. However, since the other parameters have remained stable, the data indicates that the increase in the chloride concentration is not due to an excursion of mining solutions.

In the NRC staff review of the SM6-18 60-Day Excursion report (July 14, 2000), NRC notes that the chloride increase could be due to the increasing water level from natural causes or may be detection of..."the most mobile constituent of an excursion plume from a more distant source." CBR does not believe that SM6-18 is detecting a distant excursion plume. If SM6-18 were detecting an excursion plume, it would be expected that the chloride concentration would not remain stable for the past five months. In addition, there should be some increase in the other excursion parameters (sodium, sulfate, alkalinity and conductivity). While chloride is the most mobile excursion parameter, alkalinity and sulfate are also highly mobile. If a distant excursion plume were being detected, these parameters should also exhibit an increase.

Any excursion of lixiviant in the shallow aquifer would cause a marked increase in at least several excursion parameters over the period involved. The concentrations of the excursion parameters are significantly higher than the concentration in the shallow aquifer. This, combined with their mobility, was the basis for their choice as excursion parameters. Table 1 provides the minimum and maximum values for the excursion indicators in the lixiviant from the first quarter of 2000. For comparison, the baseline mean for SM6-18 is also shown.

Table 1
Lixiviant Composition

	Chloride	**Sulfate**	**Sodium**	**Alkalinity (as ppm $CaCO_3$)**
Lixiviant Minimum	561	986	1284	1395
Lixiviant Maximum	610	1098	1392	1763
SM6-18 Baseline Mean	12	57	114	211

In addition to the expectation that a vertical excursion would cause a marked increase of at least several of the excursion parameters, a distant excursion should also affect other shallow monitor wells. CBR is required by Underground Injection Control (UIC) Permit Condition to install one shallow monitor well per four acres, evenly distributed throughout the Mine Unit. An excursion distant enough to cause the minimal increase in chloride concentration noted in SM6-18 should be detected by other shallow monitor wells in Mine Unit 6.

As noted in the 60-Day Report, CBR performed mechanical integrity tests (MITs) on the three injection wells nearest to SM6-18 to ensure that the casing integrity had not been compromised. While these wells have not been in service since October 1999 at the latest, CBR wanted to ensure that they were not a potential source of mining solutions. The three wells successfully met the MIT acceptance criteria.

CBR plans to continue to sample SM6-18 on a weekly basis until three consecutive weekly samples are below the exceeded UCL. At that time, the well will be returned to normal status. If the data continues to indicate a UCL exceedance in SM6-18 that is due to an inappropriately low chloride UCL, CBR may request a license amendment in the future to propose new UCLs for SM6-18.

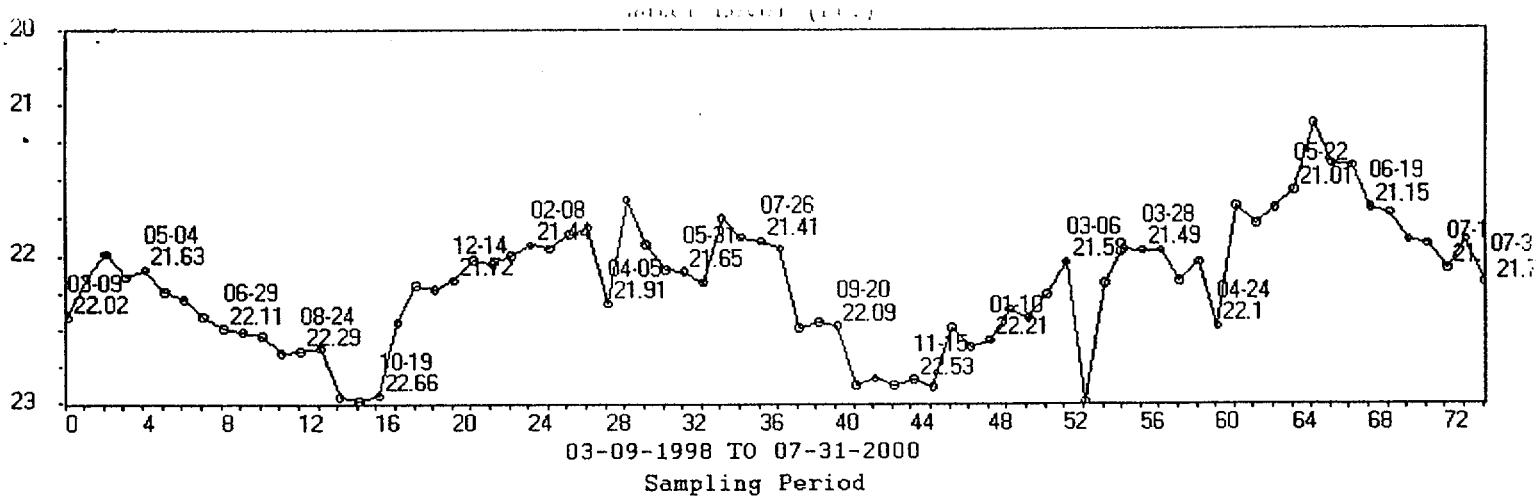
If you have any questions or require any further information, please do not hesitate to call me at (308) 665-2215.

Sincerely,
CROW BUTTE RESOURCES, INC.

Michael Griffin
Manager of Environmental and Regulatory Affairs

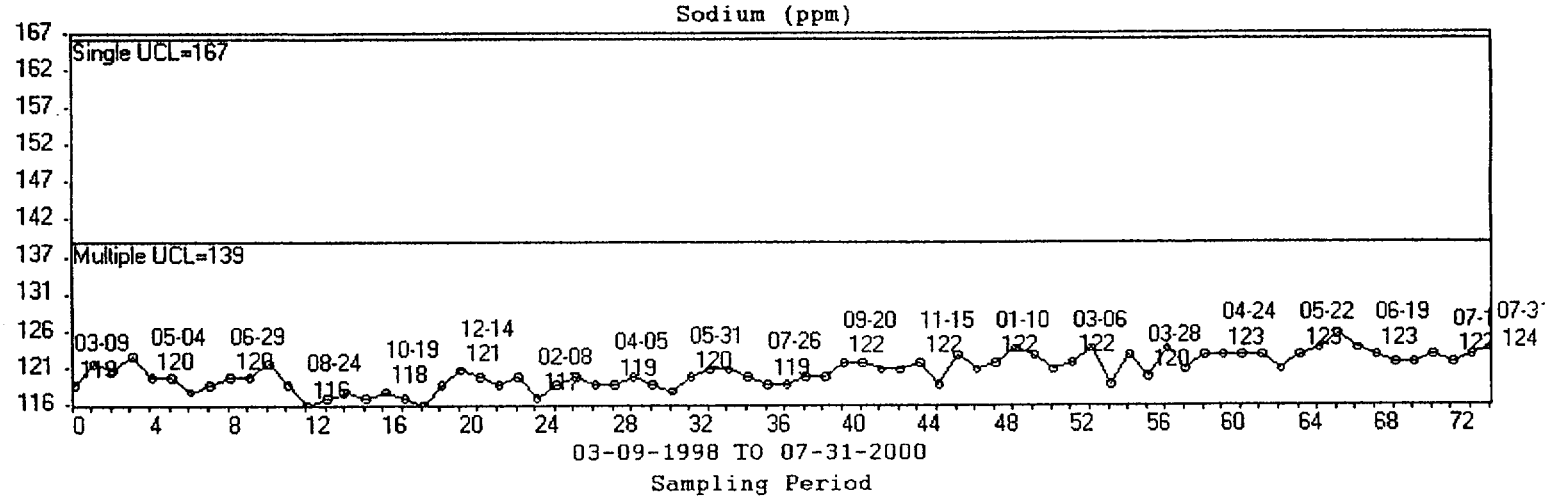
Enclosures: As Stated

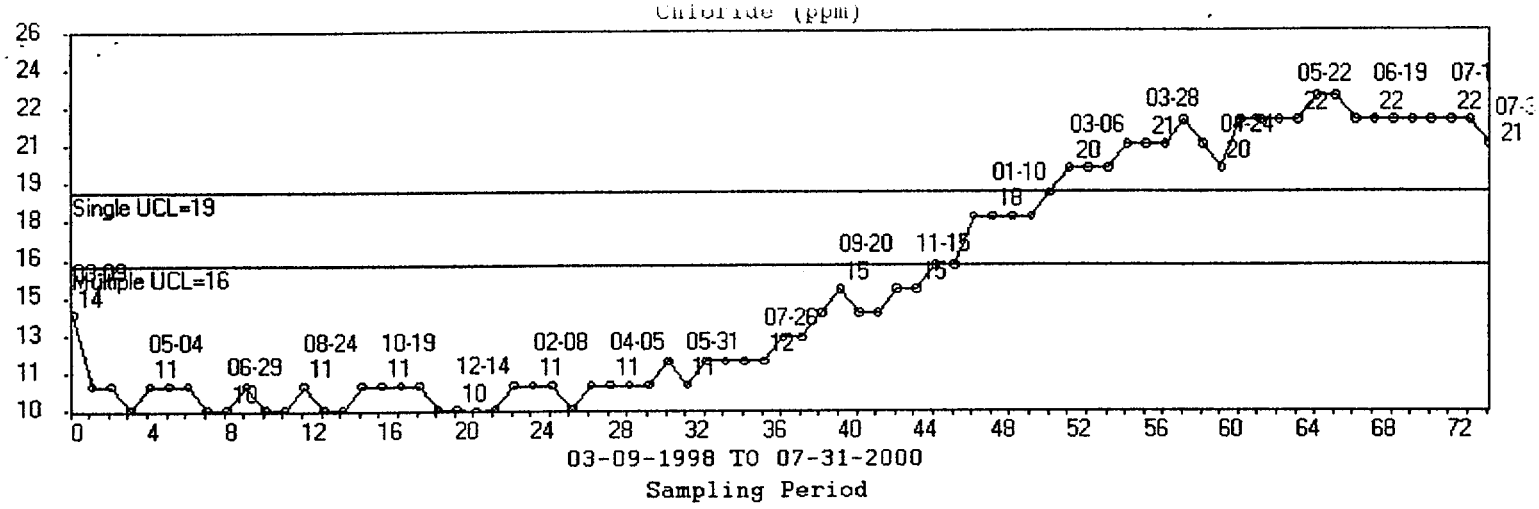
cc: Mr. Steve Collings - CBR, Denver
Mr. William Ford – NRC, Washington D.C.



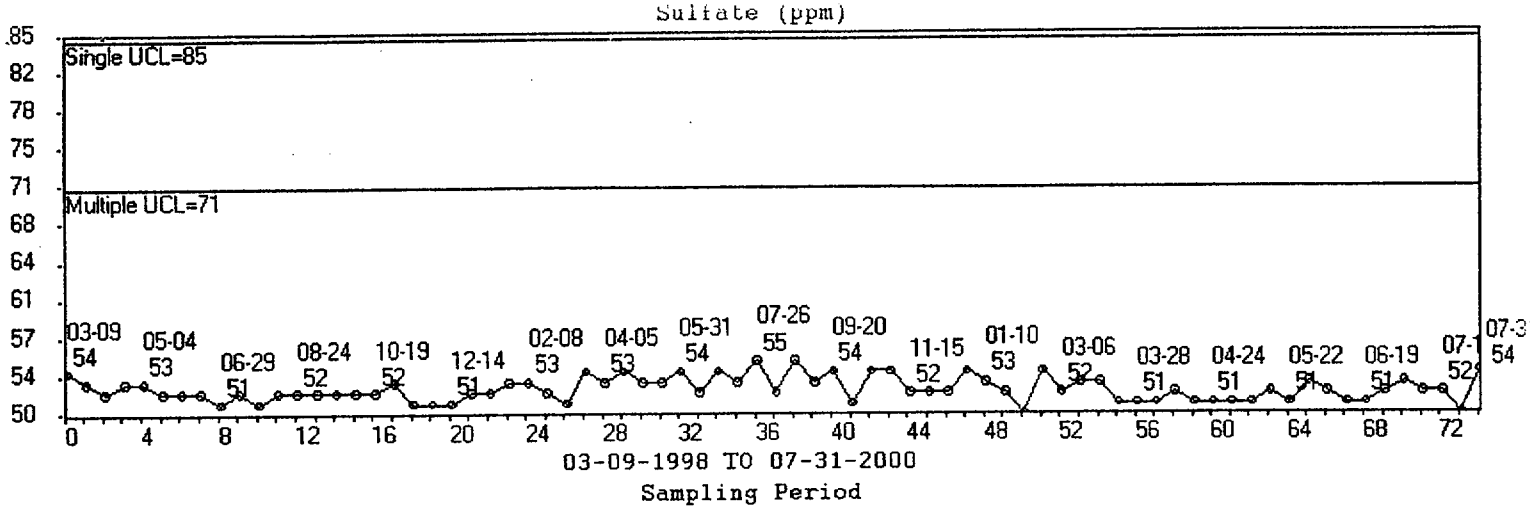
SM6-18

Sodium (ppm)



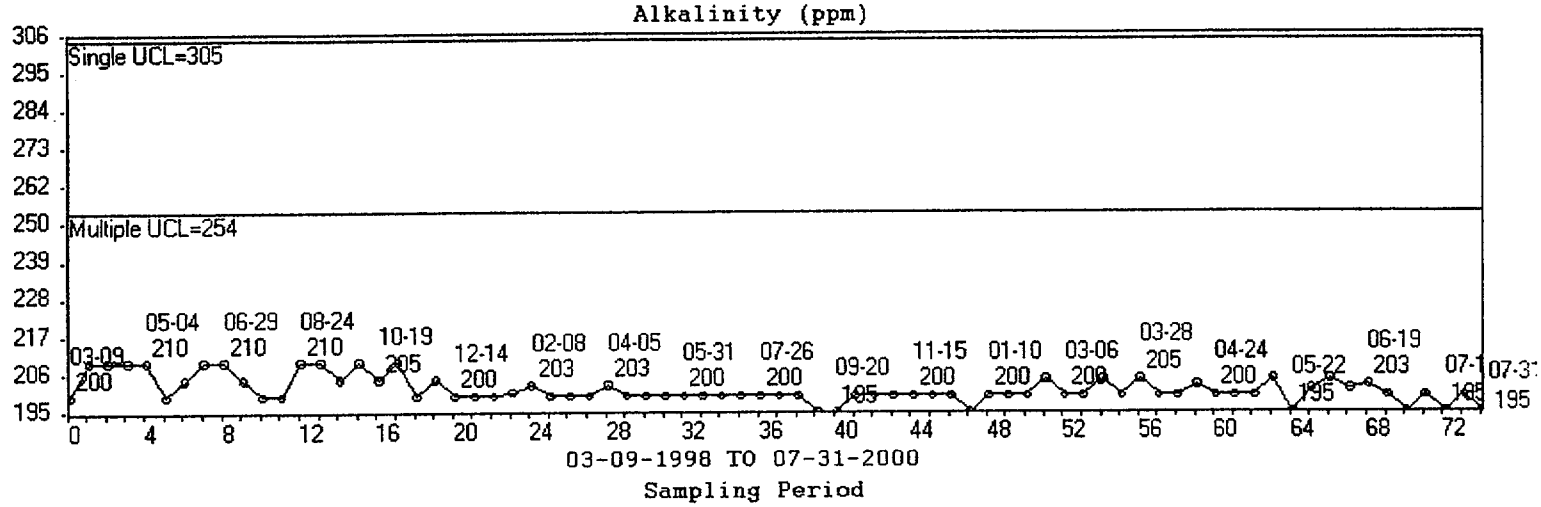

Chloride (ppm)
Single UCL=19
Multiple UCL=16
03-09-1998 TO 07-31-2000
Sampling Period

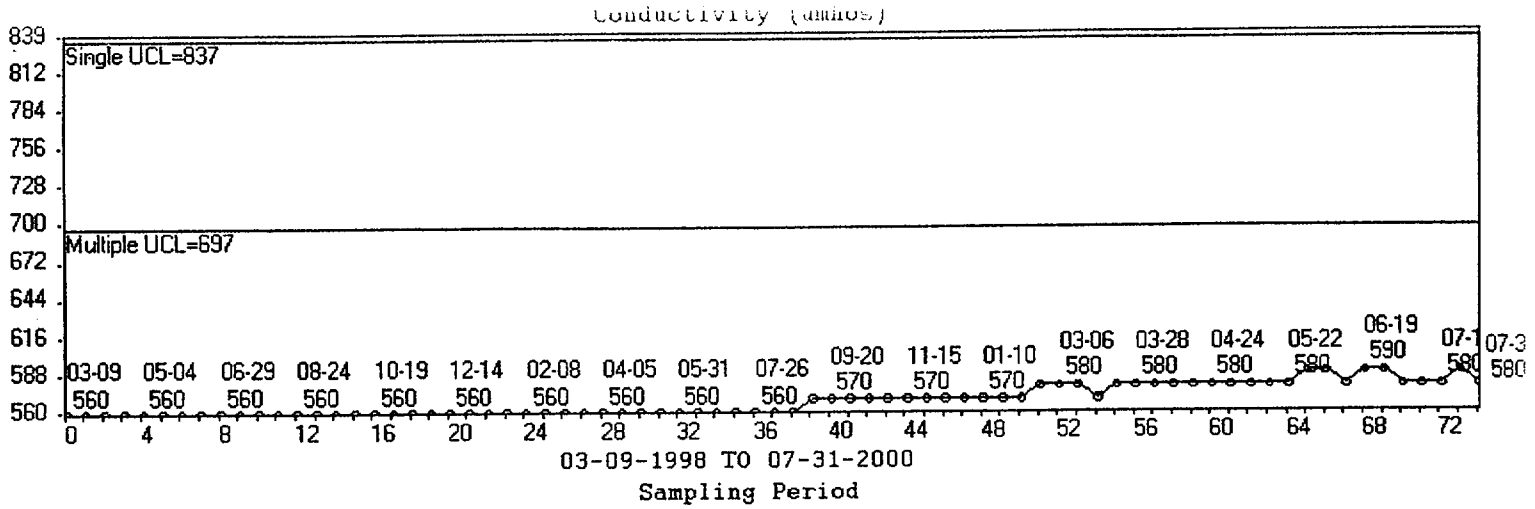
Sulfate (ppm)



SM6-18

Alkalinity (ppm)




Conductivity (umhos)
Single UCL=837
Multiple UCL=697
839
812
784
756
728
700
672
644
616
588
560
03-09 560
05-04 560
06-29 560
08-24 560
10-19 560
12-14 560
02-08 560
04-05 560
05-31 560
07-26 560
09-20 570
11-15 570
01-10 570
03-06 580
03-28 580
04-24 580
05-22 580
06-19 590
07-3 580
0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72
03-09-1998 TO 07-31-2000
Sampling Period

Crow Butte Project
Monitor Well Laboratory Report

Sample Date: 05-08-2000
Analysis Date: 05-09-2000
Analyst: LG/HD

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
CM5-19	408	363	183	1950	300
Multiple	484	481	266	2430	354
Single	580	577	320	2916	425
CM5-20	408	366	184	1940	300
Multiple	481	479	258	2441	371
Single	577	575	310	2929	445
CM5-21	411	358	181	1960	305
Multiple	476	484	229	2425	367
Single	572	580	275	2910	441
CM6-12	412	367	187	1970	300
Multiple	472	450	233	2328	364
Single	566	540	279	2794	436
CM6-13	413	354	187	1950	305
Multiple	480	438	238	2388	372
Single	576	526	285	2866	446
CM6-14	405	362	181	1940	300
Multiple	491	457	247	2424	364
Single	589	549	297	2909	436
CM6-15	405	371	179	1930	300
Multiple	461	473	239	2316	370
Single	553	567	287	2779	444
CM6-16A	407	362	183	1950	295
Multiple	470	442	282	2568	348
Single	564	530	338	3082	418
SM6-18	123	51	22	580	200
Multiple	139	71	16	697	254
Single	167	85	19	837	305

* - Denotes 5% change from previous sample.

Crow Butte Project
Monitor Well Laboratory Report

Page Number 1/2

Sample Date: 05-15-2000
Analysis Date: 05-16-2000

Analyst: LG/HD

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
SM2-1	116	47	17	550	200
Multiple	163	64	47	721	254
Single	196	77	56	865	305
SM2-2	98	44	9.6	480	180
Multiple	148	53	53	1008	262
Single	177	63	63	1210	314
SM2-3	118	53	12	550	190
Multiple	154	64	31	808	287
Single	184	76	37	969	344
SM4-7	118	50	24	570	185*
Multiple	208	126	88	1039	393
Single	257	170	127	1256	513
SM4-9	156	50	13*	700	293
Multiple	168	61	19	856	312
Single	202	73	23	1027	374
SM4-11A	162	54	12	720	300
Multiple	239	80	115	1224	462
Single	287	96	139	1469	554
SM5-19	102	47	4.2	490	200
Multiple	131	62	10	631	238
Single	157	75	12	757	285
SM6-18	121	52	22	580	205
Multiple	139	71	16	697	254
Single	167	85	19	837	305
SM6-19	51	22	5.8*	480	205
Multiple	66	27	10	582	247
Single	79	32	12	698	297
SM7-1	107	44	6.6	510	185
Multiple	117	46	19	564	210
Single	141	55	22	677	252
SM7-2	87	31	3.9	420	170
Multiple	113	39	29	551	216
Single	136	47	34	661	259
SM7-3	92	37	5.0	440	180*
Multiple	119	45	24	583	214
Single	143	54	28	700	256
SM7-4	87	29	5.8*	420	160
Multiple	113	37	18	559	212
Single	136	45	21	671	255
CM4-1	394	329	185	1890	305
Multiple	452	425	209	2375	362
Single	543	510	251	2850	435

* - Denotes 5% change from previous sample.

Crow Butte Project
Monitor Well Laboratory Report

Sample Date: 05-22-2000
Analysis Date: 05-23-2000
Analyst: LG/HD

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
CM5-19	407	351	185	1930	310
Multiple	484	481	266	2430	354
Single	580	577	320	2916	425
CM5-20	403	352	185	1930	303
Multiple	481	479	258	2441	371
Single	577	575	310	2929	445
CM5-21	406	353	185	1930	305
Multiple	476	484	229	2425	367
Single	572	580	275	2910	441
CM6-12	410	351	183	1940	300
Multiple	472	450	233	2328	364
Single	566	540	279	2794	436
CM6-13	408	339	189	1940	310
Multiple	480	438	238	2388	372
Single	576	526	285	2866	446
CM6-14	404	365	185	1920	300
Multiple	491	457	247	2424	364
Single	589	549	297	2909	436
CM6-15	402	351*	179	1920	293
Multiple	461	473	239	2316	370
Single	553	567	287	2779	444
CM6-16A	404	357	185	1930	300
Multiple	470	442	282	2568	348
Single	564	530	338	3082	418
SM6-18	123	51	22	580	195
Multiple	139	71	16	697	254
Single	167	85	19	837	305

* - Denotes 5% change from previous sample.

Crow Butte Project
Monitor Well Laboratory Report

Sample Date: 05-29-2000
Analysis Date: 05-30-2000
Analyst: SM/HD

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
SM2-1	118	46	17	550	200
Multiple	163	64	47	721	254
Single	196	77	56	865	305
SM2-2	101	43	9.2	480	175
Multiple	148	53	53	1008	262
Single	177	63	63	1210	314
SM2-3	122	51	12	550	208*
Multiple	154	64	31	808	287
Single	184	76	37	969	344
SM4-7	122	51	24	570	188
Multiple	208	126	88	1039	393
Single	257	170	127	1256	513
SM4-9	157	50	13	700	295
Multiple	168	61	19	856	312
Single	202	73	23	1027	374
SM4-11A	164	52	12	720	298
Multiple	239	80	115	1224	462
Single	287	96	139	1469	554
SM5-19	104	46	3.9*	490	200
Multiple	131	62	10	631	238
Single	157	75	12	757	285
SM6-18	124	53	23.	590	202
Multiple	139	71	16	697	254
Single	167	85	19	837	305
SM6-19	52	23	6.2*	480	210
Multiple	66	27	10	582	247
Single	79	32	12	698	297
SM7-1	106	44	6.2*	500	194
Multiple	117	46	19	564	210
Single	141	55	22	677	252
SM7-2	90	30	4.2*	420	175
Multiple	113	39	29	551	216
Single	136	47	34	661	259
SM7-3	96	37	5.0	450	184
Multiple	119	45	24	583	214
Single	143	54	28	700	256
SM7-4	90	30	5.4*	420	168
Multiple	113	37	18	559	212
Single	136	45	21	671	255
CM4-1	392	326	183	1870	312
Multiple	452	425	209	2375	362
Single	543	510	251	2850	435

* - Denotes 5% change from previous sample.

Crow Butte Project
Monitor Well Laboratory Report

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Sample Date: 06-05-2000
Analysis Date: 06-06-2000

Analyst: LG/HD

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
CM5-19	404	357	185	1930	305
Multiple	484	481	266	2430	354
Single	580	577	320	2916	425
CM5-20	405	349	189	1930	305
Multiple	481	479	258	2441	371
Single	577	575	310	2929	445
CM5-21	405	353	185	1940	303
Multiple	476	484	229	2425	367
Single	572	580	275	2910	441
CM6-12	411	363	185	1950	300
Multiple	472	450	233	2328	364
Single	566	540	279	2794	436
CM6-13	408	354	189	1940	300
Multiple	480	438	238	2388	372
Single	576	526	285	2866	446
CM6-14	405	364	187	1930	300
Multiple	491	457	247	2424	364
Single	589	549	297	2909	436
CM6-15	402	365	183	1920	300
Multiple	461	473	239	2316	370
Single	553	567	287	2779	444
CM6-16A	404	369	187	1940	300
Multiple	470	442	282	2568	348
Single	564	530	338	3082	418
SM6-18	126	52	23	590	205
Multiple	139	71	16	697	254
Single	167	85	19	837	305

* - Denotes 5% change from previous sample.

Crow Butte Project
Monitor Well Laboratory Report

Sample Date: 06-12-2000
Analysis Date: 06-13-2000

Analyst: SM/HD

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
SM2-1	117	47	17	550	196
Multiple	163	64	47	721	254
Single	196	77	56	865	305
SM2-2	98	43	9.1	470	180
Multiple	148	53	53	1008	262
Single	177	63	63	1210	314
SM2-3	118	52	12	550	198
Multiple	154	64	31	808	287
Single	184	76	37	969	344
SM4-7	119	50	24	560	189
Multiple	208	126	88	1039	393
Single	257	170	127	1256	513
SM4-9	155	49	12*	690	292
Multiple	168	61	19	856	312
Single	202	73	23	1027	374
SM4-11A	161	53	12	720	297
Multiple	239	80	115	1224	462
Single	287	96	139	1469	554
SM5-19	104	47	4.2*	490	190
Multiple	131	62	10	631	238
Single	157	75	12	757	285
SM6-18	124	51	22	580	202
Multiple	139	71	16	697	254
Single	167	85	19	837	305
SM6-19	52	22	6.2	480	213
Multiple	66	27	10	582	247
Single	79	32	12	698	297
SM7-1	106	45	6.2	510	193
Multiple	117	46	19	564	210
Single	141	55	22	677	252
SM7-2	89	30	3.9*	420	170
Multiple	113	39	29	551	216
Single	136	47	34	661	259
SM7-3	94	37	5.4*	450	176
Multiple	119	45	24	583	214
Single	143	54	28	700	256
SM7-4	88	29	5.0*	420	170
Multiple	113	37	18	559	212
Single	136	45	21	671	255
CM4-1	399	325	185	1870	307
Multiple	452	425	209	2375	362
Single	543	510	251	2850	435

* - Denotes 5% change from previous sample.

Crow Butte Project
Monitor Well Laboratory Report

Sample Date: 06-19-2000
Analysis Date: 06-20-2000

Analyst: LG/HD

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
CM5-19	407	358	183	1930	305
Multiple	484	481	266	2430	354
Single	580	577	320	2916	425
CM5-20	407	353	188	1940	300
Multiple	481	479	258	2441	371
Single	577	575	310	2929	445
CM5-21	408	353	183	1930	305
Multiple	476	484	229	2425	367
Single	572	580	275	2910	441
CM6-12	407	350	185	1940	298
Multiple	472	450	233	2328	364
Single	566	540	279	2794	436
CM6-13	408	362	187	1940	310
Multiple	480	438	238	2388	372
Single	576	526	285	2866	446
CM6-14	402	363	183	1930	300
Multiple	491	457	247	2424	364
Single	589	549	297	2909	436
CM6-15	400	364	183	1920	290
Multiple	461	473	239	2316	370
Single	553	567	287	2779	444
CM6-16A	403	358	185	1940	295
Multiple	470	442	282	2568	348
Single	564	530	338	3082	418
SM6-18	123	51	22	590	203
Multiple	139	71	16	697	254
Single	167	85	19	837	305

* - Denotes 5% change from previous sample.

Crow Butte Project
Monitor Well Laboratory Report

Page Number 1/2 Sample Date: 06-26-2000 Analyst: LG/HD
Analysis Date: 06-27-2000

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
SM2-1	117	46	16*	550	190
Multiple	163	64	47	721	254
Single	196	77	56	865	305
SM2-2	97	43	9.4	470	175
Multiple	148	53	53	1008	262
Single	177	63	63	1210	314
SM2-3	119	52	12	560	205
Multiple	154	64	31	808	287
Single	184	76	37	969	344
SM4-7	118	51	24	560	185
Multiple	208	126	88	1039	393
Single	257	170	127	1256	513
SM4-9	156	49	12	690	285
Multiple	168	61	19	856	312
Single	202	73	23	1027	374
SM4-11A	160	52	12	720	295
Multiple	239	80	115	1224	462
Single	287	96	139	1469	554
SM5-19	103	47	4.2	490	180*
Multiple	131	62	10	631	238
Single	157	75	12	757	285
SM6-18	122	52	22	590	200
Multiple	139	71	16	697	254
Single	167	85	19	837	305
SM6-19	51	22	5.8*	480	205
Multiple	66	27	10	582	247
Single	79	32	12	698	297
SM7-1	106	44	6.6*	510	190
Multiple	117	46	19	564	210
Single	141	55	22	677	252
SM7-2	88	32*	4.6*	430	170
Multiple	113	39	29	551	216
Single	136	47	34	661	259
SM7-3	93	38	5.0*	450	168
Multiple	119	45	24	583	214
Single	143	54	28	700	256
SM7-4	87	29	5.0	420	170
Multiple	113	37	18	559	212
Single	136	45	21	671	255
CM4-1	399	329	183	1860	305
Multiple	452	425	209	2375	362
Single	543	510	251	2850	435

* - Denotes 5% change from previous sample.

Crow Butte Project
Monitor Well Laboratory Report

Sample Date: 07-03-2000
Analysis Date: 07-03-2000
Analyst: LG/HD

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
CM5-19	403	357	181	1930	303
Multiple	484	481	266	2430	354
Single	580	577	320	2916	425
CM5-20	409	348	187	1940	305
Multiple	481	479	258	2441	371
Single	577	575	310	2929	445
CM5-21	404	356	181	1930	300
Multiple	476	484	229	2425	367
Single	572	580	275	2910	441
CM6-12	407	365	183	1950	300
Multiple	472	450	233	2328	364
Single	566	540	279	2794	436
CM6-13	407	352	187	1920	303
Multiple	480	438	238	2388	372
Single	576	526	285	2866	446
CM6-14	399	360	183	1920	300
Multiple	491	457	247	2424	364
Single	589	549	297	2909	436
CM6-15	401	368	179	1920	290
Multiple	461	473	239	2316	370
Single	553	567	287	2779	444
CM6-16A	403	367	179	1920	300
Multiple	470	442	282	2568	348
Single	564	530	338	3082	418
SM6-18	122	53	22	580	195
Multiple	139	71	16	697	254
Single	167	85	19	837	305

* - Denotes 5% change from previous sample.

Crow Butte Project
Monitor Well Laboratory Report

Sample Date: 07-10-2000
Analysis Date: 07-11-2000
Analyst: SM/LG

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
SM2-1	117	47	16	550	195
Multiple	163	64	47	721	254
Single	196	77	56	865	305
SM2-2	99	44	8.9*	470	170
Multiple	148	53	53	1008	262
Single	177	63	63	1210	314
SM2-3	119	53	12	550	205
Multiple	154	64	31	808	287
Single	184	76	37	969	344
SM4-7	119	51	25	570	190
Multiple	208	126	88	1039	393
Single	257	170	127	1256	513
SM4-9	159	51	12	700	290
Multiple	168	61	19	856	312
Single	202	73	23	1027	374
SM4-11A	162	53	12	720	300
Multiple	239	80	115	1224	462
Single	287	96	139	1469	554
SM5-19	107	49	3.9*	500	190*
Multiple	131	62	10	631	238
Single	157	75	12	757	285
SM6-18	123	52	22	580	200
Multiple	139	71	16	697	254
Single	167	85	19	837	305
SM6-19	54*	23	5.6	480	205
Multiple	66	27	10	582	247
Single	79	32	12	698	297
SM7-1	108	45	6.6	500	195
Multiple	117	46	19	564	210
Single	141	55	22	677	252
SM7-2	92	32	3.9*	420	170
Multiple	113	39	29	551	216
Single	136	47	34	661	259
SM7-3	95	38	5.0	440	170
Multiple	119	45	24	583	214
Single	143	54	28	700	256
SM7-4	90	30	5.0	420	165
Multiple	113	37	18	559	212
Single	136	45	21	671	255
CM4-1	395	326	180	1870	295
Multiple	452	425	209	2375	362
Single	543	510	251	2850	435

* - Denotes 5% change from previous sample.

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Sample Date: 07-17-2000
Analysis Date: 07-18-2000

Analyst: SM/LG

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
CM5-19	412	367	185	1940	300
Multiple	484	481	266	2430	354
Single	580	577	320	2916	425
CM5-20	413	359	188	1960	295
Multiple	481	479	258	2441	371
Single	577	575	310	2929	445
CM5-21	410	368	183	1940	305
Multiple	476	484	229	2425	367
Single	572	580	275	2910	441
CM6-12	413	355	185	1940	295
Multiple	472	450	233	2328	364
Single	566	540	279	2794	436
CM6-13	414	348	186	1940	300
Multiple	480	438	238	2388	372
Single	576	526	285	2866	446
CM6-14	411	359	182	1930	300
Multiple	491	457	247	2424	364
Single	589	549	297	2909	436
CM6-15	406	372	177	1930	295
Multiple	461	473	239	2316	370
Single	553	567	287	2779	444
CM6-16A	407	364	181	1950	300
Multiple	470	442	282	2568	348
Single	564	530	338	3082	418
SM6-18	122	52	22	580	195
Multiple	139	71	16	697	254
Single	167	85	19	837	305

* - Denotes 5% change from previous sample.

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Sample Date: 07-24-2000
Analysis Date: 07-25-2000

Analyst: SM/LG

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
SM2-1	118	45	17*	550	200
Multiple	163	64	47	721	254
Single	196	77	56	865	305
SM2-2	99	43	9.2	470	170
Multiple	148	53	53	1008	262
Single	177	63	63	1210	314
SM2-3	122	50*	12	560	200
Multiple	154	64	31	808	287
Single	184	76	37	969	344
SM4-7	120	50	25	570	185
Multiple	208	126	88	1039	393
Single	257	170	127	1256	513
SM4-9	157	49	12	700	290
Multiple	168	61	19	856	312
Single	202	73	23	1027	374
SM4-11A	160	52	12	720	295
Multiple	239	80	115	1224	462
Single	287	96	139	1469	554
SM5-19	104	47	4.1	490	185
Multiple	131	62	10	631	238
Single	157	75	12	757	285
SM6-18	123	50	22	590	200
Multiple	139	71	16	697	254
Single	167	85	19	837	305
SM6-19	54	22	5.9*	480	203
Multiple	66	27	10	582	247
Single	79	32	12	698	297
SM7-1	107	43	5.5*	500	190
Multiple	117	46	19	564	210
Single	141	55	22	677	252
SM7-2	90	31	4.4*	420	165
Multiple	113	39	29	551	216
Single	136	47	34	661	259
SM7-3	94	37	5.2	450	170
Multiple	119	45	24	583	214
Single	143	54	28	700	256
SM7-4	88	29	5.2	420	165
Multiple	113	37	18	559	212
Single	136	45	21	671	255
CM4-1	400	329	181	1870	300
Multiple	452	425	209	2375	362
Single	543	510	251	2850	435

* - Denotes 5% change from previous sample.

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Sample Date: 07-31-2000
Analysis Date: 08-01-2000

Analyst: LG\HD

Well Number	Sodium (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Conductivity (UMHOS)	Alkalinity (mg/L)
CM5-19	405	363	183	1930	300
Multiple	484	481	266	2430	354
Single	580	577	320	2916	425
CM5-20	410	355	188	1970	300
Multiple	481	479	258	2441	371
Single	577	575	310	2929	445
CM5-21	405	368	182	1920	295
Multiple	476	484	229	2425	367
Single	572	580	275	2910	441
CM6-12	410	355	181	1940	300
Multiple	472	450	233	2328	364
Single	566	540	279	2794	436
CM6-13	407	346	188	1940	300
Multiple	480	438	238	2388	372
Single	576	526	285	2866	446
CM6-14	407	356	181	1920	295
Multiple	491	457	247	2424	364
Single	589	549	297	2909	436
CM6-15	404	368	175	1930	295
Multiple	461	473	239	2316	370
Single	553	567	287	2779	444
CM6-16A	405	364	183	1930	295
Multiple	470	442	282	2568	348
Single	564	530	338	3082	418
SM6-18	124	54*	21	580	195
Multiple	139	71	16	697	254
Single	167	85	19	837	305

* - Denotes 5% change from previous sample.