

Rio Algom Mining LLC

January 28, 2010

Certified Mail
Return Receipt (7006 0100 0002 9977 4868)

Mr. Tom McLaughlin, Project Manager
U.S. Nuclear Regulatory Commission
Mail Stop T-8F5
Washington, DC 20555

Re: **Errata for Semiannual Groundwater Report dated January 30, 2009
Ambrosia Lake Facility
License SUA-1473, Docket No. 40-8905
License Condition #34, Semiannual Groundwater Report**

Dear Mr. McLaughlin,

Pursuant to license condition #34 of the above referenced license, a semiannual groundwater monitoring report was submitted for the second half of 2008 on January 30, 2009. The purpose of this letter is to provide errata for that report.

Appendix 1 of that report, "Stability Monitoring Plan Analytical Results", contained mislabeled ACL limits in two of the tables. The tables were for TRA Well Results and Alluvial Well Results. A complete set of corrected tables for Appendix 1 are provided under cover of this letter.

Please replace the previous tables in Appendix 1 with the corrected tables or attach these errata to the previous report. I apologized for any inconvenience this error may have caused.

If you have any questions concerning this submittal, please contact me at (505) 287-8851, extension 15.

Regards,


Chuck Wentz
Environmental Department Supervisor
Radiation Safety Officer

Attachment

xc: Document Control (NRC-MD)
J. Shoepner (NMED-NM)
file

APPENDIX 1

**Stability Monitoring Plan
Analytical Results**

RIO ALGOM MINING LLC
2nd HALF 2008
DAKOTA WELL RESULTS - ACL PARAMETER

Well	Date	Depth To Water	Total Depth	Spec. (Cond.)	Temp C	pH	Chloride (mg/L)	Sulfate (mg/L)	T.D.S. (mg/L)	Nitrate (mg/L)
17-01KD	08-Sep-08	683.58	807.53	1842	22.0	9.62	49	660	1170	0.04
17-01KD	04-Nov-08	684.00	807.68	1705	18.8	9.37	46	670	1220	0.03
30-02KD	11-Aug-08	310.21	313.41	9100	18.4	6.99	2000	1230	5720	-0.2
30-02KD	21-Oct-08	310.55	313.36	8620	15.3	7.11	2000	1240	5770	0.07
30-48KD	30-Sep-08		332.81							
30-48KD	16-Oct-08		332.75							
32-45KD	29-Jul-08	253.70	273.09	2450	16.6	7.49	191	750	1550	0.1
32-45KD	20-Oct-08	245.49	269.81	2410	15.8	7.13	200	730	1560	0.12
36-06KD	29-Jul-08	184.18	198.10	10440	16.9	3.71	1320	4700	9280	-0.02
36-06KD	20-Oct-08	182.39	198.25	9900	13.5	3.86	1250	4000	8500	-0.2
5-02KD	29-Jul-08	189.57	191.51							
5-02KD	16-Oct-08	190.57	191.08							
ACL							3200	6480	14100	22.8

Well	Date	Ni (mg/L)	U-nat (mg/L)	Th-230 (pCi/L)	Pb-210 (pCi/L)	γ-226+Ra-228 (pCi/L)
17-01KD	08-Sep-08	0.005	-0.0001	-0.07	0.48	0.83
17-01KD	04-Nov-08	-0.0006	0.0034	0.25	4.7	2.69
30-02KD	11-Aug-08	0.037	0.0025	0.88	0	10.7
30-02KD	21-Oct-08	-0.003	-0.0005	0.03	0	3.1
30-48KD	30-Sep-08					
30-48KD	16-Oct-08					
32-45KD	29-Jul-08	0.0026	0.0134	0.13	0	1.38
32-45KD	20-Oct-08	0.0073	0.0091	-0.12	0	1.91
36-06KD	29-Jul-08	0.299	1.11	38	0	15.6
36-06KD	20-Oct-08	0.276	1.05	35	19	22
5-02KD	29-Jul-08					
5-02KD	16-Oct-08					
ACL		6.8	1.6	945	88	218

Well 5-02KD contained insufficient water for sample collection.

Well 30-48KD was dry.

A negative sign corresponds to 'less than'

RIO ALGOM MINING LLC
2nd HALF 2008
TRA WELL RESULTS - ACL PARAMETER

Well	Date	Depth To Water	Total Depth	Spec. (Cond.)	Temp C	pH	Chloride (mg/L)	Sulfate (mg/L)	T.D.S. (mg/L)	Nitrate (mg/L)
30-01	28-Jul-08	205.16	207.80							
30-01	16-Oct-08	206.75	207.26							
31-01	28-Jul-08	202.88	250.74	2240	16.6	7.70	39	1720	2800	0.04
31-01	20-Oct-08	202.80	250.43	1947	14.5	7.66	36	1700	2640	0.1
33-01TRA	28-Jul-08	119.21	181.11	3730	15.7	7.38	79	780	1680	0.04
33-01TRA	27-Oct-08	121.73	180.95	3680	14.0	7.45	38	1730	2770	0.09
ACL							1070	2584	6400	9.2

Well		Th-230 (pCi/L)	Pb-210 (pCi/L)	Ra-226+Ra-228 (pCi/L)
30-01	28-Jul-08			
30-01	16-Oct-08			
31-01	28-Jul-08	1.6	0.0	3.5
31-01	20-Oct-08	-0.07	0.0	2.49
33-01TRA	28-Jul-08	0.56	0.0	1.51
33-01TRA	27-Oct-08	0.08	3.3	1.93
ACL		945	88	218

A negative sign corresponds to "less than"
Well 30-01 contained insufficient water for sample collection.

RIO ALGOM MINING LLC
2nd HALF 2008
TRB WELL RESULTS - ACL PARAMETER.

Well	Date	Depth To Water	Total Depth	Spec. (Cond.)	Temp C	pH	Chloride (mg/L)	Sulfate (mg/L)	T.D.S. (mg/L)	Nitrate (mg/L)
19-77	28-Jul-08	272.20	288.06	4760	17.3	7.14	38	1940	3550	0.19
19-77	20-Oct-08	272.04	287.81	4410	15.7	7.30	20	1900	3490	0.17
31-02	15-Jul-08	45.61	124.81	5720	14.5	6.97	620	2300	4820	0.12
31-02	14-Oct-08	47.59	124.75	5460	13.1	6.96	550	2200	4840	0.35
31-67	15-Jul-08	27.47	96.15	7890	14.0	6.63	1040	2800	7040	3.6
31-67	14-Oct-08	25.93	97.15	7450	12.4	6.60	1100	2700	8030	0.15
36-01	30-Sep-08	56.79	58.55							
36-01	16-Oct-08	56.71	58.38							
36-02	15-Jul-08	42.35	57.53	1070	14.6	6.87	2180	3200	9600	1.34
36-02	14-Oct-08	42.50	57.51	9560	12.8	6.85	2100	2900	8780	1.52
ACL							2810	4760	11700	7.7

Well	Date	Ni (mg/L)	U-nat (mg/L)	Th-230 (pCi/L)	Pb-210 (pCi/L)	γ-226+Ra-228 (pCi/L)
19-77	28-Jul-08	0.005	0.0258	0.55	0.0	2.64
19-77	20-Oct-08	0.006	0.0136	-0.1	0.0	4.33
31-02	15-Jul-08	0.016	1.08	-0.04	1.3	2.7
31-02	14-Oct-08	0.02	1.56	0.16	0.0	3.3
31-67	15-Jul-08	0.058	0.0361	0.26	0.45	5.2
31-67	14-Oct-08	0.026	0.0224	0.35	1.8	7.1
36-01	30-Sep-08					
36-01	16-Oct-08					
36-02	15-Jul-08	0.029	0.0124	-0.1	1.1	3.78
36-02	14-Oct-08	0.02	0.0227	0.52	0.0	2.66
ACL		6.8	1.6	945	88	218

A negative sign corresponds to 'less than'
Monitor Well 36-01 contained insufficient water for sample collection.

RIO ALGOM MINING LLC
2nd HALF 2008
ALLUVIAL WELL RESULTS - ACL PARAMETER

Well	Date	Depth To Water	Total Depth	Spec. (Cond.)	Temp C	pH	Chloride (mg/L)	Sulfate (mg/L)	T.D.S. (mg/L)	Nitrate (mg/L)
5-73	14-Jul-08	13.36	31.42	5210	12.8	7.11	790	1710	4220	4020
5-73	14-Oct-08	12.83	31.38	4960	12.7	7.14	710	1790	4290	4010
5-03	14-Jul-08	21.21	41.45	4560	13.6	8.50	430	1770	3590	3210
5-03	13-Oct-08	19.19	41.44	4360	12.6	7.69	490	1780	3590	3770
5-04	14-Jul-08	17.69	64.20	2450	14.0	7.63	230	850	1810	430
5-04	14-Oct-08	17.66	64.13	3290	13.1	7.90	410	1360	2730	520
5-08	14-Jul-08	41.93	87.40	4180	13.9	9.77	510	1600	3350	3120
5-08	14-Oct-08	39.37	87.33	4280	12.7	7.64	540	1640	3490	3400
31-61	15-Jul-08	11.56	27.72	1222	12.8	6.27	1810	4200	11000	9860
31-61	13-Oct-08	11.35	27.71	10980	13.8	6.43	1700	4200	10000	10400
31-65	15-Jul-08	14.55	46.05	8950	12.9	6.71	980	3100	7790	10000
31-65	13-Oct-08	14.45	45.95	9360	13.5	6.84	1200	3500	7500	3940
32-59	14-Jul-08	15.35	27.97	5090	12.9	7.12	540	1740	4150	6240
32-59	13-Oct-08	13.71	27.90	4990	12.8	7.19	590	1850	4130	4130
MW-24	14-Jul-08		50.11							
MW-24	14-Oct-08		50.11							
ACL							7110	12000	26100	351

A negative sign corresponds to 'less than'
Monitor Well MW-24 was dry or contained insufficient water for sample collection

RIO ALGOM MINING LLC
2nd HALF 2008
ALLUVIAL WELL RESULTS - ACL PARAMETER

Well	Date	Mo (mg/L)	Ni (mg/L)	Se (mg/L)	U-nat (mg/L)	Th-230 (pCi/L)	Pb-210 (pCi/L)	Ra-226+Ra-228 (pCi/L)	Gross Alpha (pCi/L)
5-73	14-Jul-08	-0.003	0.017	-0.001	0.198	0.09	0.15	2.07	91
5-73	14-Oct-08	-0.003	0.014	-0.001	0.097	-0.14	0	1.72	65
5-03	14-Jul-08	-0.001	0.006	-0.001	0.0164	0.38	1.4	2.25	2
5-03	13-Oct-08	-0.003	0.006	-0.001	0.0017	0.13	0	3.8	0
5-04	14-Jul-08	0.0027	0.0029	-0.001	0.011	0.11	1.7	1.55	1
5-04	14-Oct-08	0.002	0.003	-0.001	0.0016	-0.11	0	2.34	3
5-08	14-Jul-08	0.029	0.008	0.001	0.0024	0.06	0	6.74	9
5-08	14-Oct-08	0.012	0.007	-0.001	0.0012	-0.24	0	5.53	8
31-61	15-Jul-08	-0.005	0.045	0.002	0.426	0.19	0.69	2.1	150
31-61	13-Oct-08	0.009	0.041	0.002	0.413	0.08	1.3	3.4	81
31-65	15-Jul-08	0.058	0.021	0.001	0.456	0.05	0.53	14.1	140
31-65	13-Oct-08	-0.01	0.01	0.002	0.234	0.12	0	9.2	190
32-59	14-Jul-08	0.005	0.018	-0.001	0.154	-0.07	0	1.17	72
32-59	13-Oct-08	0.006	0.014	-0.001	0.166	-0.12	4.9	1.12	79
MW-24	14-Jul-08								
MW-24	14-Oct-08								
ACL		176	98	49	23	13627	1274	3167	8402

A negative sign corresponds to "less than"
Monitor Well MW-24 was dry or contained insufficient water for sample collection