

Rio Algom Mining LLC

October 9, 2006

Mr. Kevin Myers
Groundwater Section
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502

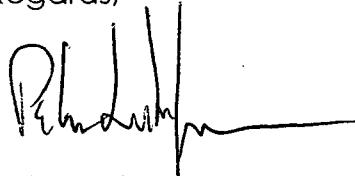
Re: **Discharge Plan - 169**
Semiannual Report - 1st Half 2006

Dear Mr. Myers,

Please find attached Rio Algom Mining LLC's groundwater monitoring report for the above referenced discharge permit for the 1st half of 2006.

If you have any questions or need additional information, please call me at 287-8851.

Regards,



Peter Luthiger
Manager, Radiation Safety
and Environmental Affairs

Attachment: As stated

xc: NRC (MD) License SUA-1473, Docket 40-8905
file

NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

SECTION

2006-10-09 10:00 AM

RIO ALGOM MINING LLC
DISCHARGE PLAN DP-169 — ANALYTICAL RESULTS - 1st HALF 2006

Well	Date	Depth to Total		Spec. Cond.	Temp. (C)	pH	Chloride (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	TDS (mg/L)
		Water (ft)	Depth (ft)							
5-01	4-Jun-06	23.38	44.63	4320	13.3	8.92	250	0.07	2320	3890
5-02	4-Jun-06	22.03	38.53	6950	13.2	7.44	1190	-0.02	2340	5160
5-03	24-Apr-06	20.62	41.58	4990	12.1	8.03	390	0.06	2080	3800
5-04	24-Apr-06	17.42	64.50	499	12.3	8.76	37	-0.2	140	350
5-08	24-Apr-06	31.62	87.57	5240	13.2	9.12	690	0.06	1960	4080
5-73	24-Apr-06	12.95	31.40	5160	9.8	7.75	600	0.06	1740	3970
* 30-03	20-Jun-06		18.36							
30-04	3-Jun-06	39.04	88.17	4080	13.3	8.34	500	0.03	1510	3020
* 30-46	20-Jun-06		38.25							
30-47	4-Jun-06	32.57	78.93	5520	11.2	6.85	950	-0.02	1890	4180
30-48	4-Jun-06	38.08	79.00	5130	11.5	7.2	680	-0.02	2020	4050
30-49	4-Jun-06	47.75	68.37	5490	12.1	7.5	690	0.06	2080	4320
* 30-53	20-Jun-06		49.92							
* 30-68	20-Jun-06		62.45							
31-05	3-Jun-06	33.60	73.05	6610	14.2	7.78	510	0.1	3390	6110
31-61	25-Apr-06	17.41	26.82	7440	12.3	7.23	640	1.2	3320	6510
31-63	3-Jun-06	18.78	30.45	15290	13.1	6.7	2470	5.71	6380	13900
31-65	24-Apr-06	18.14	46.00	9060	12.1	7.8	630	2.64	4060	8680
31-70	3-Jun-06	20.91	32.94	9180	12.8	6.93	650	9.1	920	8390
31-71	3-Jun-06	26.67	63.05	4900	13.4	7.55	550	3.08	1890	3930
32-01	4-Jun-06	18.52	52.33	5140	12.8	9.25	630	-0.02	1700	3690
32-02	3-Jun-06	35.58	76.20	5450	14.2	7.58	600	0.06	2390	4580
32-41	3-Jun-06	23.47	57.81	6420	13.8	9.73	1390	-0.02	1500	4240
32-42	3-Jun-06	24.83	28.53	4340	14	8.6	510	-0.02	1660	3260
32-43	12-Jun-06	20.32	62.30	7860	11.5	7.51	95	650	2460	8420
# 32-50	4-Jun-06									
32-51	3-Jun-06	26.20	75.45	5550	14.2	7.99	280	10.9	3040	5240
32-52	3-Jun-06	27.81	66.56	3990	14.3	9.3	222	-0.02	2010	3400
* 32-56	20-Jun-06		57.26							
32-57	4-Jun-06	38.64	53.80	6130	12.7	7.64	760	1.77	2150	4500
32-58	3-Jun-06	12.34	34.31	5180	10.4	7.34	500	0.03	1970	4140
32-59	24-Apr-06	14.39	28.75	5160	11.9	7.57	560	0.02	1970	4260
32-60	3-Jun-06	17.22	27.46	7970	11.1	7.32	680	5.74	3800	7080
32-69	3-Jun-06	26.77	66.37	4560	13	7.71	410	0.24	1790	3690
32-72	3-Jun-06	13.35	40.04	6480	12.6	7.49	770	21.6	3770	5260
AW-1	3-Jun-06	39.14	81.10	4590	13.3	7.98	490	0.87	1810	3620
AW-2	3-Jun-06	29.58	84.54	4500	14.4	8.03	227	0.25	2120	3990
* C-3	20-Jun-06		11.98							
# D-4	20-Jun-06	21.11	21.61							
E-5	3-Jun-06	11.13	15.70	13850	10.8	7.6	2920	0.13	4180	10300
* MW-24	25-Apr-06		50.08							
S-12	3-Jun-06	15.44	28.47	9710	11.1	7.08	1040	0.04	4310	8550
S-9	3-Jun-06	11.14	23.23	12700	10.8	9.07	2340	0.03	4020	10400

* - Dry Well

- Well contained insufficient water for sample collection at time of sampling

% - Blockage in well at 27.5 feet from surface prevented sample collection.