



23 November 2009

Ms. Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven
Nunavut, X0B 1J0

Dear Ms. Beaulieu

MONTHLY REPORT FOR OCTOBER, 2009

LUPIN MINE - LICENSE 2AM-LUP0914

A three to five person crew was on site from October 1st to the 21st conducting care and maintenance work at the Lupin site. They were housed in the Guest House on the mine site. Domestic water was provided to the house by hauling water from Contwoyto Lake by truck. Greywater disposal was effected via a leaching pit excavated adjacent to the house. Sanitary waste disposal was effected via a privy with human waste and domestic garbage being incinerated. The consumption of water from Contwoyto Lake at Monitoring Station LUP-01 was 30,000 Litres (30.0 m³) for domestic use only.

Discharge from the Tailings Containment Facility – Pond 2 over Dam 1A at Monitoring Station LUP-10 was conducted from October 1st to the 7th. In October, 421,856 m³ of effluent was discharged from Pond 2. There was no discharge from the Lower Sewage Lake (LUP-14) or the bulk fuel storage facility (LUP-27). The final sampling from the Surveillance Network Program sites (LUP-20, 21, 22 and 24) was conducted on October 20th.

A summary of the results of chemical analytical testing completed, specific to the license discharge criteria, as part of the monitoring program is attached.

We trust this provides the information required in the license for the monthly report of activities at Lupin. If you have any questions, please do not hesitate to contact me. I can be reached by phone at 807-346-1692 (direct line) or by e-mail at andrew.mitchell@mmgrouppltd.com.

Yours truly

A handwritten signature in black ink that reads 'Andrew Mitchell'.

Andrew Mitchell

Development Manager

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cc Dave Honstein - NWB
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Martin McFarlane - MMG Resources Inc.

Encl. Summary of Monitoring Test Results-Surveillance Network Program

LUPIN MINE
SURVEILLANCE NETWORK MONITORING POINTS REPORT
MONTH OF AUGUST 2009

STATION	LOCATION	PARAMETERS	PARAMETERS	UNITS	RESULTS					Weekly Average			
		PARAMETERS	UNITS	29-Sep-09	30-Sep-09	1-Oct-09	2-Oct-09	3-Oct-09	4-Oct-09		5-Oct-09		
LUP-10	Pond #2 Discharge at Dam 1A	Volume	m3/day	64,247	61,132	63,201	62,573	60,093	58,228	59,338	61,259		
		Field pH	pH	6.86	6.92	6.86	7.41	6.95	6.84	6.96	6.97		
		Field EC	uS/cm	673	680	677	714	691	675	686	685		
		Field TDS	ppm	339	343	342	357	346	340	345	345		
		pH	pH	6.64	6.7	6.77	6.76	6.77	6.75	6.72	6.73		
		Arsenic	mg/L	0.0099	0.0101	0.00948	0.00929	0.00859	0.00937	0.00934	0.0094		
		Copper	mg/L	0.0023	0.0022	0.0020	0.0019	0.0019	0.0020	0.0023	0.0021		
		Cyanide	mg/L	<0.0020	0.0020	0.0020	0.0030	0.0020	0.0020	0.0020	0.0019		
		Lead	mg/L	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00000		
		Nickel	mg/L	0.0842	0.0806	0.0798	0.0801	0.0799	0.0798	0.0809	0.0808		
		Zinc	mg/L	0.2640	0.2610	0.2640	0.2660	0.2670	0.2660	0.2650	0.2647		
		TSS	mg/L	4.00	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
		Oil and Grease	Visible Sheen	None	-	None	None	None	None	None	None		
		Total Cadmium	mg/L	0.000570	0.001480	0.000660	0.001420	0.000255	0.000270	0.000285	0.000706		
		Total Alkalinity as CaCO ₃	mg/L	-	<5.0	-	-	-	-	-	<5.0		
		Ammonia	mg/L	-	0.421	-	-	-	-	-	-		
		Hardness	mg/L	-	196	-	-	-	-	-	-		
		Toxicity - Daphnia	Pass/Fail	-	Pass	-	-	-	-	-	-		
		Toxicity - Lake Trout	Pass/Fail	-	Pass	-	-	-	-	-	-		
LUP-10	Pond #2 Discharge at Dam 1A	Volume	m3/day	59,948	58,477	0	0						59,212
		Field pH	pH	6.74	6.65	6.79							6.73
		Field EC	uS/cm	700	692	709							700.33
		Field TDS	ppm	352	345	358							351.67
		pH	pH	6.59	6.63	6.62	6.55						6.60
		Arsenic	mg/L	0.00911	0.00806	0.00995	0.00602						0.0083
		Copper	mg/L	0.0025	0.0026	0.003	0.0147						0.0057
		Cyanide	mg/L	0.003	0.002	0.003	0.002						0.0025
		Lead	mg/L	0.00011	0.00013	0.00016	0.00078						0.0003
		Nickel	mg/L	0.0829	0.082	0.0835	0.0908						0.0848
		Zinc	mg/L	0.277	0.266	0.292	0.351						0.2965
		TSS	mg/L	<3.0	<3.0	3	<3.0						<3.0
		Oil and Grease	Visible Sheen	none	none	none	none						None
		Total Cadmium	mg/L	0.0018	0.000255	0.00031	0.0003						0.0006663
		Total Alkalinity as CaCO ₃	mg/L	-	-	-	<5.0						<5.0
		Ammonia	mg/L	-	-	-	1.23						0.42
		Hardness	mg/L	-	-	-	221						229
		Toxicity - Daphnia	Pass/Fail				PASS						PASS
		Toxicity - Lake Trout	Pass/Fail				PASS						PASS

LUPIN MINE
SURVEILANCE NETWORK MONITORING POINTS REPORT
MONTH OF AUGUST 2009

STATION	LOCATION	PARAMETERS	UNITS	RESULTS		
LUP-20	West end of Seep Creek before discharge in to unamed lake			5-Oct-09	12-Oct-09	20-Oct-09
		Total Arsenic	mg/L	0.00195	0.00209	0.00238
		Total Cadmium	mg/L	0.000245	0.000415	0.00106
		Total Copper	mg/L	0.0017	0.0028	0.004
		Total Lead	mg/L	<0.00010	<0.00010	<0.00010
		Total Nickel	mg/L	0.0746	0.115	0.167
		Total Zinc	mg/L	0.221	0.335	0.512
		Total Cyanide	mg/L	<0.0020	0.005	-
		Total Suspended Solids	mg/L	<3.0	<3.0	3
		Total Alkalinity	mg/L	<5.0	<5.0	<5.0
		Total Hardness	mg/L	174	238	381
		Ammonia	mg/L	0.232	0.236	0.202
		pH	pH Units	5.97	6.23	5.55

STATION	LOCATION	PARAMETERS	UNITS	RESULTS		
LUP-21	North end of Concession Creek before discharge in to unamed lake			5-Oct-09	12-Oct-09	20-Oct-09
		Total Arsenic	mg/L	0.0005	0.00041	<0.00040
		Total Cadmium	mg/L	<0.000050	<0.000050	0.000095
		Total Copper	mg/L	<0.0010	0.0017	<0.0010
		Total Lead	mg/L	<0.00010	<0.00010	<0.00010
		Total Nickel	mg/L	<0.0020	<0.0020	<0.0020
		Total Zinc	mg/L	<0.0040	<0.0040	0.0053
		Total Cyanide	mg/L	<0.0020	<0.0020	<0.0020
		Total Suspended Solids	mg/L	3	<3.0	<3.0
		Total Alkalinity	mg/L	<5.0	<5.0	<5.0
		Total Hardness	mg/L	4.9	4.6	5
		Ammonia	mg/L	<0.050	<0.050	<0.050
		pH	pH Units	6.63	6.49	6.4

STATION	LOCATION	PARAMETERS	UNITS	RESULTS	
LUP-22	Inner Sun Bay near center			5-Oct-09	20-Oct-09
		Total Arsenic	mg/L	0.00094	0.00044
		Total Cadmium	mg/L	0.00006	0.000085
		Total Copper	mg/L	0.0011	0.0844
		Total Lead	mg/L	<0.00010	0.00015
		Total Nickel	mg/L	0.0211	0.0033
		Total Zinc	mg/L	0.0627	0.02
		Total Cyanide	mg/L	<0.0020	<0.0020
		Total Suspended Solids	mg/L	<3.0	3
		Total Alkalinity	mg/L	<5.0	<5.0
		Total Hardness	mg/L	47.2	11.1
		Ammonia	mg/L	0.055	<0.050
		pH	pH Units	6.46	6.42

LUPIN MINE
SURVEILANCE NETWORK MONITORING POINTS REPORT
MONTH OF AUGUST 2009

STATION	LOCATION	PARAMETERS	UNITS	RESULTS	
LUP-24	Inner Sun Bay near narrows			5-Oct-09	18-Oct-09
		Total Arsenic	mg/L	0.00111	0.00045
		Total Cadmium	mg/L	0.00017	0.000075
		Total Copper	mg/L	0.0012	<0.0010
		Total Lead	mg/L	<0.00010	<0.00010
		Total Nickel	mg/L	0.0243	0.01
		Total Zinc	mg/L	0.0714	0.0308
		Total Cyanide	mg/L	<0.0020	<0.0020
		Total Suspended Solids	mg/L	<3.0	<3.0
		Total Alkalinity	mg/L	<5.0	<5.0
		Total Hardness	mg/L	59.2	30.4
		Ammonia	mg/L	0.066	<0.050
		pH	pH Units	6.42	6.35
STATION	LOCATION	PARAMETERS	UNITS	RESULTS	
LUP-25	Outer Sun Bay			5-Oct-09	18-Oct-09
		Total Arsenic	mg/L	0.0007	0.00106
		Total Cadmium	mg/L	0.000065	0.000135
		Total Copper	mg/L	<0.0010	0.0016
		Total Lead	mg/L	0.00011	0.00203
		Total Nickel	mg/L	0.0086	0.0034
		Total Zinc	mg/L	0.0364	0.0305
		Total Cyanide	mg/L	<0.0020	<0.0020
		Total Suspended Solids	mg/L	<3.0	5.0
		Total Alkalinity	mg/L	<5.0	<5.0
		Total Hardness	mg/L	23.5	11.8
		Ammonia	mg/L	0	<0.050
		pH	pH Units	6.64	6.6