



Lupin Operation  
9818 Edmonton International Airport  
Edmonton, AB T5J 2T2 Canada

Telephone: (780) 890-8797  
Fax: (780) 890-8814

October 21, 2005

Our File: NWB1LUP0008-2005 Monthly  
Your File: Water Register  
NWB1LUP0008

Executive Director  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU  
X0B 1J0

*by email*

Dear Sir:

**RE: Echo Bay Mines Ltd., Lupin Gold Mine, Contwoyto Lake, NU.  
Water License NWB1LUP0008  
Surveillance Network Program Monthly Report**

---

As required by Part A, Item 6 of the Surveillance Network Program (Schedule 1) of Water License NWB1LUP0008, attached is the Lupin Mine Surveillance Network Program monthly report for **September 2005**.

The monthly and year-to-date water use volumes are included in the report for your review.

Discharge from SNP 925-14 to the environment was stopped on September 3, 2005. Total discharge at 925-14 during September was 6,314 cubic metres. Total discharge year-to-date was 263,508 cubic metres. A sample of the discharge had been taken 3 days earlier, for month-end August, and no plane was scheduled to arrive at Lupin for another 4 days. This would have rendered the sample unusable so no September sample was taken.

September 2005 sampling consisted of the annual fresh water sample at SNP Station 925-01.

No effluent was discharged during the month from 925-10.

Because of the low flow of water in the fresh water supply pipeline, the raw water totalizer has been giving inaccurate readings for the past few months. Total water use is now more accurately measured by the flow meters installed in the potable water line and the water to tails line. The water use figures for July and August have been revised to reflect these more accurate measurements, and are reflected in the year-to-date water use figures in the September report.

Should you have any questions or comments regarding this report, please contact:

Mike Tansey, Reclamation Manager Ph: (780) 890-8797 [mike.tansey@kinross.com](mailto:mike.tansey@kinross.com).

Sincerely,

A handwritten signature in black ink, reading "C. Michael Tansey". The signature is written in a cursive style with a large, stylized "C" and "M".

C. Michael Tansey  
Reclamation Manager, Lupin

cc Bill Goodhard  
Shawn Healey  
Mark Ioli



## WATER LICENCE NWB1LUP0008

SURVEILLANCE NETWORK PROGRAM  
MONTHLY REPORT

SEPTEMBER 2005

- all units are in mg/L except pH which is  
unitless and where otherwise indicated.

DATE	SAMPLING STATION	pH	TSS	Total CN	Total As	Cd	Cu	TOTAL METALS				Pb	Zn
13-Sep-05	925-01	6.70	2		0.0008	0.00001	0.001	<0.0001	0.0008	0.0004	0.004		

NUTRIENT ANALYSES DATE	SAMPLING STATION	F-col #/100mL	BOD <sub>5</sub>	Total Nitrate-N	Total Nitrite-N	TK-N	NH4-N	Total Ortho-P	Total Phosph.	Total O&G	Alk.	Hard.	uS/cm Cond.
13-Sep-05	925-01	<1		0.03	<0.005						5	4	14

Sample from 925-01 (Freshwater pumphouse) is annual freshwater sample.

	MONTHLY		YTD
TOTAL FRESHWATER FROM PUMPHOUSE (925-01)	9,460	CUBIC METERS	319,421
PROCESS	4,374	CUBIC METERS	269,931
POTABLE	5,086	CUBIC METERS	49,489
TOTAL WASTE CALCULATED TO TCA	4,466	CUBIC METERS	231,412
SOLUTION	4,466	CUBIC METERS	217,620
SOLIDS	0	CUBIC METERS	13,792
DRY TAILINGS SOLIDS TO BACKFILL	0	CUBIC METERS	0
QUANTITY OF ORE MILLED	0	TONNES	41,484
MINE WATER PUMPED FROM UNDERGROUND	92	CUBIC METERS	7,154
SEWAGE LAKES DISCHARGE (925-14)	6,314	CUBIC METERS	263,508

## COMMENTS :

The property is on care and maintenance.

Discharge from 925-14 was stopped on September 3, 2005.

Mike Tansey  
Reclamation Manager, Lupin