

## Phyllis Beaulieu

---

**From:** Melissa Joy [joy@inac-ainc.gc.ca]  
**Sent:** Friday, September 05, 2008 1:21 PM  
**To:** Kevin Buck; Bernie MacIsaac; Phyllis Beaulieu <licensing@nunavutwaterboard.org>  
**Cc:** Andrea Cull; Andrew Keim  
**Subject:** Fwd: Lupin Discharge Notice

**Attachments:** FINAL REPORT - 0809 - 280453\_Lupin.xls; Lupin Discharge (67.7 KB)



FINAL REPORT - Lupin Discharge  
809 - 280453\_L. (67.7 KB)

Please see the attachment from Zinifex....they did not include their test results. Inspection lab results from Aug 6th have been attached FYI. For your comment.

According to their water license, they are only obligated to provide 5 days notice before discharge (Phyllis -can we please change this to a minimum of 10 days, unless already stipulated in their renewal, please and thank you?)

Also, the water license stipulates the parameters that tailings containment area discharges must meet (as per SNP 925-10). As per Water License Criteria, allowable concentrations are:

pH range is 6.0 - 9.5,

Total Lead is 0.10 mg/L (avg) and 0.20mg/L (grab), Total Zinc is 0.40mg/L (avg) and 0.80mg/L (grab), Total Nickel is 0.20mg/L (avg) and 0.40mg/L (grab), TSS is 15mg/L (avg) and 30mg/L (grab)

According to the three tailings pond (TP) samples I took on Aug 6th, the following are in exceedance of the criteria (as per allowable grab sample concentration) or elevated (above max. average concentration but below grab sample allowance):

Note that in the Taiga lab report, Tailings Pond 3 (TP3) sample is listed as "Effluent?". Exact locations (of sampling points) in relation to SNP(s) can be discussed.

TP1: pH=4.64, Lead=0.116 mg/L (elevated), Zinc=0.416 mg/L (elevated)

TP2: pH=4.23, Lead=0.42 mg/L (well above criteria), TSS=16 mg/L (elevated)

TP3: pH=2.92, Nickel=0.169 mg/L (elevated)

Melissa

Melissa Joy  
Water Resource Officer  
Indian & Northern Affairs, Kitikmeot Regional Office PO Box 278, Kugluktuk, NU, X0B 0E0  
PH: (867) 982-4308, FAX: (867) 982-4307  
email: joy@inac.gc.ca

This transmission is confidential. Any unauthorized disclosure, distribution, or other use is strictly prohibited. If you have received this message in error, please contact immediately and delete this transmission and any attachments.

