



## 2AM-LUP0914 - Lupin Mines Water Use Thresholds - Scaled Monitoring

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To: Phyllis Beaulieu <phyllis.beaulieu@nwb-oen.ca>, Licensing Department <licensing@nwb-oen.ca>, Robin Ikkutisluk <robin.ikkutisluk@nwb-oen.ca>

Cc: "david.hohnstein@nwb-oen.ca" <david.hohnstein@nwb-oen.ca>, "sean.joseph@nwb-oen.ca" <sean.joseph@nwb-oen.ca>, Patrick Downey <pdowney@elginmining.com>, NWB Steve Lines <slines@tlaconsultants.ca>, "Laudrum, Arlene" <alaudrum@srk.com>

Dear Robin/Phyllis:

During the technical meeting it was requested by the NWB that LMI consider water use thresholds and corresponding monitoring requirements for consideration in the renewed licence. These water use thresholds were suggested to be based on different levels of activity at the mine during different activity levels (e.g. operations, ramp up, care and maintenance). LMI is following up on this request by providing the following table that identifies three water use thresholds for different activity levels at site along with corresponding monitoring requirements.

The water use thresholds are based on historical water use volumes during each of the activity levels identified and projected volumes that could be required during a ramp up period leading back in to operations. The corresponding monitoring requirements pertain to addressing Part E Item 6(f) of licence. The frequencies proposed are in-line with the licence requirements during operations and geotechnical recommendations during care and maintenance.

Part E	Item 6, F	Monitoring Frequency		
		Operations (1.7M m3/Yr)	Ramp up (500,000 m3/Yr)	Care and Maintenance (5,000 m3/Yr)
Conditions Applying to Waste Disposal	Weekly inspections of the dam(s), Tailings line(s), and catchment basin(s) shall be carried out and records of these inspections shall be kept for review upon the request of an Inspector, or as otherwise approved by the Board. More frequent inspections shall be performed at the request of an Inspector;	Unchanged	Twice per month during freshet, monthly during the remainder of the open water period. Every other week subject to site presence.	Twice per month during freshet, monthly during the remainder of the open water period.

If you require further information please feel free to contact me.

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