



P.O. Box 410  
Fort Simpson, NT X0E 0N0  
Phone: (867) 695-3533  
Fax: (867) 695-2119  
Email: gm@nogha.com

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June 24, 2020

Mackenzie Valley Land and Water Board  
7<sup>th</sup> Floor, 4922 48 Street  
P.O. Box 2130  
Yellowknife, NWT X1A 2P6

Good afternoon Sean,

Regarding your letter dated May 14, 2020 I am addressing #9 of the incomplete application items identified and they are as follows:

### **Environmental and Resource and Mitigation Measures Information**

#### **Physical-Chemical Effects**

*Ground Water* - None expected, however, the soil was never tested and there is plenty of sand on site with no water course nearby.

*Surface Water* - None expected as the site is very dry.

*Noise* - Noise increase is expected with equipment, however, the time required to be on site is not more than a day for each time we will be hauling sand. The demand for sand was high a few years ago when Enbridge experienced a leak near Willow Lake River, not so much now as it is only required locally for fill.

*Land* - Soil Contamination is possible with heavy equipment operating on site. The mitigation measure will be to ensure all equipment is maintained to ensure there are no fluid leaks. Spill kits are available with the crew pick-up trucks and equipment. Drip pans will also be utilized when equipment is idle on site.

*Non-renewable natural resources* - The only resource depletion will be the removal of sand.

*Air/climate/atmosphere* - None expected other than exhaust from heavy equipment, however, the time spent on site will be minimal.

#### **Biological Environment**

*Vegetation* - None expected with quarrying activities as the site was previously a commercial woodlot prior to be scarified.

*Wildlife and fish* - None expected with quarrying activities as the site was previously a commercial woodlot prior to being scarified.

## **Interacting Environment**

*Habitat and communities* - none expected as quarrying activity is only required from May - September and the area is already frequented by recreational users (picnics and swimming) at Martin River, 2 KM North of the site adjacent to Hwy #1. Opportunistic firewood harvesters also utilize the area throughout the year.

*Social and economic* - None expected as the nearest infrastructure is a land fill ~10 KM South of the site.

Sincerely,



Carl Lafferty