

### Review Comment Table

<b>Board:</b>	GLWB
<b>Review Item:</b>	GNWT INF - LUP Application for Quarrying, km 126 Dempster Highway #8 - (G18Q003)
<b>File(s):</b>	<a href="#">G18Q003</a>
<b>Proponent:</b>	GNWT - INF
<b>Document(s):</b>	<a href="#">LUP Application</a> (438 KB) <a href="#">DRAFT Land Use Permit</a> (230 KB)
<b>Item For Review Distributed On:</b>	
<b>Reviewer Comments Due By:</b>	July 16, 2018
<b>Proponent Responses Due By:</b>	July 20, 2018
<b>Item Description:</b>	<p>The Government of the Northwest Territories (GNWT), Department of Infrastructure (INF) has submitted to the Gwich'in Land and Water Board an application for a Type "A" Land Use Permit, for the purpose of quarrying at Frog Creek quarry, km 126 Dempster Highway #8, NT. The applicant requests a term of five years, with work to begin in July 2018.</p> <p>Reviewers are invited to submit questions, comments, and recommendations using the Online Review System (ORS) by the review comment deadline specified below. Please provide comments and recommendations on the:</p> <ul style="list-style-type: none"> <li>• Application;</li> <li>• Spill Contingency Plan;</li> <li>• Draft Land Use Permit (please clearly indicate which condition you are commenting on).</li> </ul> <p>Please note that the draft Permit has been developed using the MVLWB's current Standard Land Use Permit Conditions Template. The purpose of this draft Permit is to allow parties to comment on Board staff's suggested conditions. These draft materials are not intended to limit in any way the scope of parties' comments. The Board is not bound by the contents of the draft Permit and will make its decision at the close of the proceeding on the basis of all the evidence and arguments filed by all parties.</p>

<b>General Reviewer Information:</b>	The Board encourages reviewers to submit questions and/or recommendations through the Online Review System, no later than Monday July 16, 2018. Note that all documents that have been uploaded to this review are also available on our public registry. If you have questions or require assistance with the ORS, please contact Board staff identified below.
<b>Contact Information:</b>	AlecSandra Macdonald 867-777-4954

### Comment Summary

Environment and Climate Change Canada: Eva Walker				
ID	Topic	Reviewer Comment/Recommendation	Proponent Response	Board Staff Response
1	General File	<b>Comment</b> <a href="#">(doc)</a> ECCC Cover Letter <b>Recommendation</b>		
2	Frog Creek Pit, Dempster Highway 8 KM 126 Land Use Permit Application: General Comment - Bank Swallow	<b>Comment</b> Bank Swallows, listed as Threatened under Schedule 1 of the Species at Risk Act, nest in burrows dug into exposed sand or soil banks near water bodies and at some construction sites with similar features. When operating a quarry, particular care should be taken in selecting erosion prevention and control measures as migratory birds may be found nesting in stockpiles of overburden or on exposed soil banks in sand pits or quarries. During the nesting period, which extends from mid-May to mid-August in the project area, it is important that nests not be disturbed by erosion prevention and control measures or by excavation and construction activities. The general nesting period is provided as guidance to support proponents in planning their activities. It is important to note that breeding periods may vary from year to year due to climatic conditions and some species may nest		

		<p>outside the dates provided if conditions are favourable.</p> <p><b>Recommendation</b> ECCC recommends that: -To avoid creating nesting habitat for Bank Swallow, sites be managed so that vertical faces composed of sand/silt/gravel are not being created in areas prone to further disturbance during operation and reclamation activities. -If Bank Swallows are found nesting, the Department of Infrastructure (the Proponent) should take precautions to avoid any disturbance to them or their habitat during project activities. -Staff and contractors should be made aware of potential presence and conservation status of Bank Swallows. Proponents are encouraged to consult ECCC (ec.eenordrptnoeanorthpnrnw.ec@canada.ca) for further mitigation measures and advice.</p>		
3	<p>Frog Creek Pit, Dempster Highway 8 KM 126 Land Use Permit Application: General Comment - Sediment and Erosion Control</p>	<p><b>Comment</b> ECCC notes that the site drawing provided with the Land Use Application (page 21) shows two lakes on either side of an area that the Proponent identifies as an unproven gravel deposition. ECCC further notes that there is no mention of, and the project does not appear to have, an erosion and sediment control plan, which is an important element to mitigate sedimentation effects on the aquatic environment.</p> <p><b>Recommendation</b> ECCC recommends that sediment and erosion control measures be developed to prevent the introduction of suspended sediments from the quarry into wastercourses and waterbodies surrounding the quarry. Special care should be taken around the</p>		

		area of unproven gravel deposition to prevent the introduction of suspended sediments into the lakes.		
<b>GNWT - ENR: Central Email GNWT</b>				
<b>ID</b>	<b>Topic</b>	<b>Reviewer Comment/Recommendation</b>	<b>Proponent Response</b>	<b>Board Staff Response</b>
1	General File	<b>Comment</b> <a href="#">(doc)</a> ENR Letter - No Comments or Recommendations at this time. <b>Recommendation</b>		
<b>GTC Department of Cultural Heritage : Sharon Snowshoe</b>				
<b>ID</b>	<b>Topic</b>	<b>Reviewer Comment/Recommendation</b>	<b>Proponent Response</b>	<b>Board Staff Response</b>
2	General File	<b>Comment</b> <a href="#">(doc)</a> GTC Department of Cultural Heritage - Cover Letter <b>Recommendation</b>		
1	GTC Department of Cultural Heritage Comments	<b>Comment</b> <a href="#">(doc)</a> We have reviewed the above application, and have no issues or concerns at this time as there will be no undisturbed ground (overburden); being disturbed. If this plan will change the DCH will need to review the application again. <b>Recommendation</b> As with any application, if archaeological or heritage materials are encountered during the development within the Gwich'in Settlement Area, all work must cease immediately as required by law, and the DCH and the Prince of Wales Northern Heritage Centre in Yellowknife must then be contacted.		
<b>Gwich'in Renewable Resources Board: Staff Gwichin Renewable Resource Board</b>				
<b>ID</b>	<b>Topic</b>	<b>Reviewer Comment/Recommendation</b>	<b>Proponent Response</b>	<b>Board Staff Response</b>
1	Inuvik G18Q003-Frog Creek Quarry,	<b>Comment</b> <a href="#">(doc)</a> The staff of the GRRB have reviewed the applications for quarry operations above and offer the following comments and		

	km 126 Dempster Hwy	recommendations. See attached. <b>Recommendation</b> Please refer to comments and recommendations attached		
2	Inuvik G18Q003-Frog Creek Quarry, km 126 Dempster Hwy, attach	<b>Comment</b> <a href="#">(doc)</a> Bank swallow brochure <b>Recommendation</b> Legal obligations		
3	Inuvik G18Q003-Frog Creek Quarry, km 126 Dempster Hwy, attach	<b>Comment</b> <a href="#">(doc)</a> BANK SWALLOWS in Pits & Quarries Guidance for Aggregate Producers <b>Recommendation</b> bank swallow management brochure		
4	Inuvik G18Q003-Frog Creek Quarry, km 126 Dempster Hwy	<b>Comment</b> <a href="#">(doc)</a> caribou movement <b>Recommendation</b> <ul style="list-style-type: none"><li>The proponent shall suspend activities temporarily if caribou, moose, sheep, grizzly bear and/or muskoxen are spotted within 500m of any work site and to resume once the animal(s) have left the area. Caribou are expected to be moving through the Northern Richardson Mountains from mid-July to late August. Consult with the GNWT Dept of Environment &amp; Natural Resources (ph: 867-678-6670) for advice on seasonal caribou movements to ensure fieldwork does not interfere with migration. If caribou are encountered on the highway, stop the vehicle and let them pass</li></ul>		