

Comments from MVLWB	INF Response
<b>General Comments</b>	
<p>Confirm whether this Project, or a component(s) thereof, constitute(s) part of the Mackenzie Valley Highway Project, which is currently proceeding through the Environmental Assessment Process; (Please clarify why or why not this is not part of the ongoing Environment Assessment);</p>	<p>In a letter sent to MVEIRB on July 21, 2020 providing a Mackenzie Valley Highway (MVH) Project update Sonya Saunders (then Director of the Department of Infrastructure Strategic Infrastructure Division stated "... The MGAR (Mount Gaudet Access Road) and PCAR (Prohibition Creek Access Road) are both independent, stand-alone, community-based projects that do not depend upon the MVH for their advancement. These projects would be advanced regardless of the status of the MVH. Similarly, the advancement of these projects does not create any certainty with regards to the eventual construction of the full MVH...."</p>
<p>Provide rationale for why many of the studies undertaken and completed in support of the Project have not been submitted as part of the Application package. Some of these studies include the following: Thermal Analysis, Archaeological Impact Assessment, Hydrological/Hyrotechnical Studies, and Fish Habitat Assessment;</p>	<p>Information relevant and necessary to the MVLWB's review of this project has been provided in the PDR and the appendices. These other studies are necessary for design purposes and to assess the need for a DFO authorization. These studies are not necessary for the MVLWB's review of the project. Every study completed for a project does not have to be provided to and reviewed by the MVLWB.</p>
<p>Provide timelines for the initiation and completion of the additional studies identified in Section 5.14, Pg. 32, of the Project Description Report (PDR)</p>	<p>Information relevant and necessary to the MVLWB's review of this project has been provided in the PDR and the appendices. These other studies are necessary for design purposes and to assess the need for a DFO authorization. These studies are not necessary for the MVLWB's review of the project. Every study completed for a project does not have to be provided to and reviewed by the MVLWB.</p>
<p>Explain how Project-specific features and considerations associated to the Climate Resilience Assessment can be addressed by entirely relying on similar assessment(s) done for similar projects in similar geographic locations as stated on Section 12.3.3, Pg. 43, of the PDR</p>	<p>Project-specific features associated with similar projects in similar geographic location informed the mitigation measures listed in Table 12-4 of the PDR for the MGAR.</p>
<p>Clarify the extent to which activities associated with the authorizations applied for would potentially be covered under Land Use Permit MV2016E0006 as suggested under Section 5.1, Pg. 18 of the PDR, and whether the Applicant intends to amend Land Use Permit MV2016E0006 to potentially address additional activities</p>	<p>It is our expectation that all construction related activities will be included in LUP MV2020E0011. Land use Permit (LUP) MV2016E0006 covers Operations and Maintenance activities of Highway 1 from km 260 to km 800. The MGAR, upon completion, will add 21 km of all-season road to the current end of the all-season road at about km 687. Upon completion of road construction, Operation and Maintenance activities of MGAR will be covered MV2016E0006.</p>
<p>Explain why Segment #4 of the Project was not excluded from the Application scope given that no funding has been currently secured and minimal/no geotechnical work has been completed for this segment of the Project to date;</p>	<p>Construction funding being in place is not a prerequisite for seeking a water licence or land use permit, nor is it a matter within the scope of the MVLWB's review process.</p> <p>Geotech work along 4b will be conducted this coming winter under this LUP. After that work is completed, Scenario 1 or Scenario 2 will be selected for Segments 2, 3 and 4.</p>
<p>Confirm the current stage in the engineering design process for the Project and when detailed engineering design for the Project may be forthcoming</p>	<p>Preliminary engineering design for Segment 1 has been completed. Upon receipt of the final report of the Thermal Analysis, Hydrological/Hyrotechnical Studies and Fish Habitat Assessments, Final Engineering Design can be completed for Segment 1.</p> <p>Engineering Design for Segments 2, 3, and 4 can only be completed upon receipt of LUP MV2020E0011 as geotechnical work is included in the LUP and is required along the alignment to and location of the potential alternate bridge. The final determination of the alignment will be made upon receipt of the geotechnical drilling report and final engineering design will follow.</p>
<p>Confirm how the MVLWB should treat the documents marked "Draft" relative to the ones not marked "Draft". "Draft" documents included in the Application package are the Quarry Operations Plan, Geotechnical Reconnaissance Report, Waste Management Plan, Project Map, and Spill Contingency Plan. Documents not marked "Draft" and forming part of the Application Package include the Project Description Report (PDR), Land Use Permit Application, Water Licence Application, Traditional Knowledge and Land Use Information, Environmental Overview, and the Engagement Plan;</p>	<p>Documents marked Draft have information gaps which will be filled in by the contractor for the Project once they are selected. In the case of the Geotechnical Reconnaissance Report it is a Final report but is appended to the Draft Quarry Operations Plan. Once the Quarry Operations Plan is finalized by the selected Contractor, the whole document will be marked as Final.</p>
<p>Clarify if and/or when a Wildlife Management Plan will be submitted as part of the Application</p>	<p>We expect that a wildlife management plan will be required as a condition of the permit.</p>

Confirm when complete details will be provided on the number, types and design of the culverts required for the project given that Section 5.6.2, Pg. 26, states that approximately 3-5 culverts will be required/kilometer of road	The 3-5 culverts/kilometre are for drainage across the alignment. This information is not necessary for the Board to complete its review. Also the number of culverts and their exact placement in some cases will be a matter that is settled in the field during construction and in consultation with the inspector.
Explain why an Explosives and/or a Blasting Management Plan was not included as part of the Application documents given that a significant amount of blasting may be undertaken by the Project. Section 5, Pg. 11, of the Quarry Management Plan includes some measures related to drilling and blasting relative to the quarry site; however, it does not address blasting that may be undertaken outside of the quarry area/extents	Blasting is not expected outside of the proposed quarry. A blasting management plan was not included as part of the application for Projects of similar scope.
<b>Land Use Permit</b>	
Provide details of the footprint, layout, and location of the proposed 100 - person camp facility including description of proposed water use as required under Item 9, Pg. 3, of the Application	The exact camp layout will be as determined appropriate by the construction contractor in consultation with the inspector. Other proposed water use? Potable water will come from community and will be used for drinking and sanitation.
Screening-related information is provided; however, a completed screening table was not included as part of the application. Provide a copy of the completed table	On the date of submission to the MVLWB, September 11, 2020, the preliminary screening table was not a requirement of the submission. The completed table are provided in Appendix B of the PDR.
Provide copies of the shape files associated with the Project	Provided with original submission. Will send again.
Confirm how the Applicant intends to incorporate reclamation and closure activities associated with the Permit MV2020E00011 into existing permit MV2016E0006 as stated under Item 18 of the Permit Application	Reclamation activities listed under MV2016E0006 will also be applied to unused portion of the MVWR if Scenario 2 alignment is followed. Progressive reclamation in the quarry will occur under this new LUP but final reclamation will be under MV2016E0006. Please refer to Section 16 of the PDR for the MGAR.
Confirm when details would be forthcoming for the one (1) or two (2) road(s) mention in Section 3.1, Pg. 4 of the PDR, which may be constructed to access the quarry site	A road to access the quarry is not required as the quarry is located directly next to the highway. The route of the internal quarry haul road(s) will be sited by the construction contractor in consultation with the inspector.
<b>Water Licence Application</b>	
Confirm the quantity of water required for the Project. Information contained in Item 6 of the Licence application states that water use will be 15-299 cubic metres/day whereas Section 5.9, Pg. 31, of the PDR states that water use will be 150-299 cubic metres/day	Item 6 in the Licence application should state 150-299 cubic metres/day.
Confirm the purpose(s) for which the requested quantity of water is required. Item 7, Pg. 3 of the Application and P g. 31, Section 5.9 of the PDR state that water is required for dust suppression and compaction of surface gravel while Section 5.1, Pg. 18 and states that water will be used to provide temporary surfaces and winter access during frozen ground conditions. Page 2 of the Quarry Permit Application suggests that water will be used for potable purposes or camp use	Purposes are already stated and noted in the MVLWB comment. Potable water will be obtained from community source, not the Mackenzie River. Water used at the Quarry will be for potable water and general camp use (sanitation).
Explain why Item 8, Pg. 8, of the Licence Application states that no effluent will be generated or wastedeposited into water bodies while Page 2 of the Quarry Permit Application and Page 6 of Waste Management Plan state that Greywater will be deposited to sump at the camp site	A sump is not a natural water body. The sump will be a depression in the local ground surface and the location will be selected in consultation with the inspector.