

Review Comment Table

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| Board: | GLWB |
| Review Item: | Peel River and Mackenzie River Ferry Landings - Local Area Monitoring Program 2.1 (G15L8-001 and G15L8-002) |
| File(s): | G15L8-001 G15L8-002 |
| Proponent: | GNWT - INF |
| Document(s): | Local Area Monitoring Program 2.1 (446 KB) |
| Item For Review Distributed On: | |
| Reviewer Comments Due By: | Mar 28, 2018 |
| Proponent Responses Due By: | Apr 4, 2018 |
| Item Description: | In accordance with Water Licences G15L8-001 and G15L8-002 (Section B item 7), the Government of the Northwest Territories Department of Infrastructure (formerly DOT) has submitted to the Gwich'in Land and Water Board for approval an updated Local Area Monitoring Plan for the Peel and Mackenzie River Ferry Landings. The Board is considering this submission appreciates any comments or recommendations from reviewers. |
| General Reviewer Information: | Reviewers are invited to submit questions, comments and recommendations on the application using the Online Review System (ORS) by Wednesday March 28, 2018. All documents that have been uploaded to this review are also available on our public registry. If you have any questions or comments about the ORS, please contact Board staff identified below. |
| Contact Information: | AlecSandra Macdonald 867-777-4954 |

Comment Summary

| Ehdiitat Renewable Resource Council: Eugene Pascal | | | | |
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| ID | Topic | Reviewer Comment/Recommendation | Proponent Response | Board Staff Response |
| 1 | EGRRRC Commnents | Comment The Ehdiitat RRC met on March 14th and have no comments or Concerns Recommendation n/a | Apr 3: Noted. INF appreciates the EGRRRC taking the time to review the proposed monitoring program. | |
| Environment and Climate Change Canada: Petrel Liu | | | | |
| ID | Topic | Reviewer Comment/Recommendation | Proponent Response | Board Staff Response |
| 1 | General | Comment ECCC have reviewed the documents, no comments has been provided at this time. Recommendation N/A | Apr 3: Noted. INF appreciates ECCC taking the time to review the proposed monitoring program and provide a response here. | |
| GNWT - ENR: Central Email GNWT | | | | |
| ID | Topic | Reviewer Comment/Recommendation | Proponent Response | Board Staff Response |
| 4 | General File | Comment (doc) Attachment: Appendix A Example of Water Quality Sample Metadata Template Recommendation | | |
| 5 | General File | Comment (doc) ENR Letter with Comments and Recommendations and Attachment Recommendation | | |
| 1 | Topic 1: Water Quality Data | Comment Data regarding water quality of lakes and rivers in the NWT that is collected on a regular basis by industry, as part of their various monitoring programs, represents a large source of water quality knowledge. Such data could inform decision-makers about trends and natural variation in water quality in the territory, | Apr 3: In the past INF has committed to keeping locational information confidential, especially as it relates to traditional harvesting activities, between the Department and the local RRC 's. INF recognizes that the information being requested is not related to those activities and does not anticipate this request from | |

| | | <p>as well as the cumulative effects from multiple use activities within an area or region. However, in order to use this information to understand water quality conditions in the NWT, the data must first be available in an accessible format.</p> <p>Recommendation 1) ENR recommends that INF submit water quality data associated with their Local Area Monitoring Program to the public registry in an accessible format (e.g., csv or spreadsheet file).</p> | <p>ENR to cause any issues with the confidentiality requirement, however the department and/or the research team from Wilfrid Laurier University will discuss this with the RRC 's to ensure they are aware. If any issues arise, INF will discuss with ENR and the Board to find a result that is satisfactory.</p> | |
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| 2 | Topic 2: Metadata Standards | <p>Comment It is important to provide metadata that provides context for the water quality data. Metadata refers to a description of data that was collected as part of a water quality sampling program, and includes field conditions and a description of laboratory analyses conducted. Metadata standards are required to ensure the proper use and interpretation of the data by the users.</p> <p>Recommendation 1) ENR recommends that INF complete the attached metadata template in the same spreadsheet as the associated water quality data and submit it to the Board for posting on the public registry in an accessible format (e.g., csv or spreadsheet file).</p> | <p>Apr 3: See above comment. INF does not foresee any issues with this request but will discuss with the local RRC 's and if there are any issues, discuss with ENR and the Board.</p> | |
| GTC Department of Cultural Heritage : Sharon Snowshoe | | | | |
| ID | Topic | Reviewer Comment/Recommendation | Proponent Response | Board Staff Response |

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| 3 | General File | <p>Comment (doc) GTC - Department of Cultural Heritage</p> <p>Recommendation</p> | | |
| 1 | GTC - Department of Cultural Heritage | <p>Comment We have reviewed the above-noted revision to the LAMP document. As we have noted in previous reviews, the ferry landings are all located within important traditional fishing and camping areas. Numerous traditional Gwich'in place names attest to the long history of use and cultural importance of these areas. Additionally, the ferry landings themselves have created sandbars and eddies as noted by Gwich' in harvesters. We have the following concerns with the application: There is no provision for the local assistant hired to conduct interviews being trained in anthropological research methods. All research materials (interview recordings, transcripts, reports) must be submitted to the DCH when each annual iteration of the LAMP is complete as per the GTC's TK Policy. The informed consent statement used in the interview should include a provision for this.</p> <p>Recommendation 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.</p> | <p>Apr 3: During the first field season the lead TK researcher, Alex Latta, will visit both communities and will connect with the prospective community-based research assistant or assistants (RAs). Prior to the second field season (which is when TK data will be collected), some basic background information on ethnographic interviews will be shared with the RAs. Alex will walk through the materials with the RAs via teleconference or Skype. Where possible, the RAs will also be included in conversations with GRRB, DCH and local RRCs about the design of the interview questions. Subsequently, at the start of the second field season Alex Latta will again visit both communities to provide further training for the RAs and to conduct one TK interview in each location together with the RAs. This will be followed by a debriefing on interview technique and outcomes. Following each subsequent interview, the RAs will have an opportunity to debrief with Alex for further mentoring. Other considerations (TK policy, archaeological or heritage materials): The GTC's TK policy will be kept in the forefront as the interview questions and informed consent documents are developed, and all materials will be</p> | |

| | | | submitted after the field season as stipulated. Similarly, all proper protocols will be followed if the research discovers any archaeological or heritage materials. | |
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| Gwich'in Renewable Resources Board: Janet Boxwell | | | | |
| ID | Topic | Reviewer Comment/Recommendation | Proponent Response | Board Staff Response |
| 2 | General File | Comment (doc) GRRB Comments - LAMP 2.1 Recommendation | | |
| 2 | Monitoring changes to river sedimentation | Comment . Staff are satisfied that the study design for the sediment monitoring program should provide useful data concerning whether there are increased sediment inputs (transported either as total suspended solids or as bedload) resulting from the ferry landing installation in 2018 or 2019 . The methods proposed will effectively monitor fine sediments that may have been introduced into river at the ferry landings and that are the focus of these concerns. . Staff agree that the current licence conditions on G15L8-001 are adequate to address concerns about controlling excess sedimentation, which can have lethal and sub-lethal effects on fishes. Recommendation n/a | Apr 3: Noted. INF appreciates the time taken by the GRRB to review and comment on the proposed monitoring program. | |
| 3 | Traditional Knowledge | Comment . Staff support the Traditional Knowledge component proposed in LAMP 2.1. . Information collected on fish health, fish populations, and fish habitat use is of interest to GRRB. We wish to receive the | Apr 3: The lead TK researcher, Alex Latta, will work directly both with the GRRB and the two community-based RRCs in designing the interview questions. Every effort will be made to ensure that local | |

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| | | <p>qualitative data that will assist us to monitor the health of the fish populations in this area as per our mandate for fish and fish habitat management.</p> <p>Recommendation We recommend the researcher, Alex Latta, continue to work directly with GRRRC to decide on the specific interview questions to make sure the survey addresses local concerns and captures meaningful qualitative data that can be used to assess fish health.</p> | <p>concerns about fish habitat and health are addressed in the TK collection.</p> | |
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