



## APPENDIX A

### Updated Tłı̨chǫ All-Season Road Project Concordance Table

**Table A-1: EA-1617-01 Terms of Reference Concordance Table**

| TOR Section                                      | Description  | Applicable Section in PDR | Applicable Section in ASR | Applicable Sub-Section in ASR                                   |
|--|--|---------------------------|---------------------------|---|
| 2.2.1 Statutory scope of assessment requirements | Section 117(2) of the MVRMA stipulates that the every EA shall include consideration of the impact of the development on the environment, including: <ul style="list-style-type: none"> <li>▪ Cumulative Effects– the Review Board is required to assess the cumulative effects of the proposed development under paragraph 117(2)(a) of the MVRMA. Direction on this topic is provided in section 4.2, which describes the assessment methodology, and in section 7, which requests a summary of cumulative effects.</li> </ul> | 9.0                       | 2.0<br>3.0<br>4.0<br>5.0  | 2.3<br>3.1.4<br>3.3.3<br>4.1.3<br>4.4.3<br>4.6<br>5.5           |
|  | <ul style="list-style-type: none"> <li>▪ Accidents and Malfunctions – The Review Board is required to assess the effects of potential accidents and malfunctions under paragraph 117(2)(a) of the MVRMA. Direction on this topic is found in section 4.1.</li> </ul>   | 8.13                      | 3.0<br>4.0<br>5.0         | 3.2.2<br>4.3.2.1<br>4.3.2.2<br>5.4.2<br>5.4.3<br>5.5.2<br>5.5.4 |
| 2.2.2 Valued components                          | Table 1: Valued Component: Fish and fish habitat <ul style="list-style-type: none"> <li>▪ Fish habitat</li> <li>▪ Fish harvesting</li> </ul>   | 6.8                       | 3.0                       | Entire chapter  |
|  | Table 1: Topics for Valued Component: Caribou <ul style="list-style-type: none"> <li>▪ Barren-ground caribou</li> <li>▪ Boreal caribou</li> </ul>  | 6.6.1                     | 4.0                       | Entire chapter  |
|  | Table 1: Valued Component: Wildlife, including species at risk <sup>(a)</sup> <ul style="list-style-type: none"> <li>▪ Mammals (moose, bison and wolverine)</li> <li>▪ Mammals (bats), birds, fish, plants, amphibians</li> <li>▪ insects</li> </ul>   | 6.6                       | 4.0                       | Entire chapter  |
|  | Table 1: Valued Component: Traditional use, culture and heritage resources <ul style="list-style-type: none"> <li>▪ Traditional use and way of life</li> <li>▪ Harvesting</li> <li>▪ Heritage and cultural resources</li> </ul>  | 7.0                       | 5.0                       | Entire chapter  |
|  | Table 1: Valued Component: Economic well-being <ul style="list-style-type: none"> <li>▪ Equity and vulnerability(b)</li> <li>▪ Traditional and non-wage economy</li> </ul>   | 7.0                       | 5.0                       | Entire chapter  |
|  | Table 1: Valued Component: Stable and healthy Communities <ul style="list-style-type: none"> <li>▪ Community cohesion</li> <li>▪ Use and maintenance of infrastructure</li> <li>▪ Public safety</li> <li>▪ Population sustainability</li> </ul>  | 7.0                       | 5.0                       | Entire chapter  |



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**Table A-1: EA-1617-01 Terms of Reference Concordance Table (cont'd)**

| TOR Section                             | Description   | Applicable Section in PDR | Applicable Section in ASR | Applicable Sub-Section in ASR      |
|---|---|---------------------------|---------------------------|------------------------------------|
| 2.2.3<br>Geographic scope of assessment | In defining the geographic scope of assessment, the developer should consider: <ul style="list-style-type: none"> <li>▪ the habitat range of wildlife species;</li> <li>▪ the extent to which Project effects are no longer measurable (e.g. downstream water quality);</li> <li>▪ community and traditional knowledge;</li> <li>▪ current or traditional land and resource use by Indigenous groups; and</li> <li>▪ other ecological, technical, social and cultural considerations.</li> </ul>  | 8.0                       | 3.0<br>4.0<br>5.0         | 3.1.4<br>4.1.3<br>5.1.3            |
|   | For cumulative impacts, the geographic scope will generally include a much larger study area that combines effects from past, present and reasonably foreseeable future projects that are predicted to combine with the impacts of the Project over its lifespan. This will include cumulative impacts to valued components associated with the extended operating period of the winter roads to Gamèti and Wekweèti. The developer will indicate and provide rationale for the geographic scope of assessment selected for each valued component.  | 9.0                       | 2.0<br>3.0<br>4.0<br>5.0  | 2.3<br>3.1.4.1<br>4.1.3.1<br>5.1.3 |
| 2.2.4<br>Temporal Scope of Assessment   | In addition to geographic scope, the developer must define and provide rationale for the temporal scope for the assessment of potential impacts on each valued component. For example, while some impacts may be very short or limited to a particular Project phase (e.g. sensory disturbance to caribou during road construction), others may occur over a longer period (e.g. barrier effects to caribou over the life of a project).<br>In defining the temporal scope of assessment, the developer should consider: <ul style="list-style-type: none"> <li>▪ periods during the development when predicted effects are most intense (such as during initial construction);</li> <li>▪ periods when valued components are most sensitive to potential impacts (such as key times for wildlife, migration periods, population cycles, shifts in distribution/range or wildlife harvesting periods);</li> <li>▪ the duration of effects, with attention to how these effects relate to the life of the Project; and</li> <li>▪ appropriate temporal boundaries for considering any impacts that may require long-term monitoring and management.</li> </ul> | 9.0                       | 3.0<br>4.0<br>5.0         | 3.1.4.2<br>4.1.3.2<br>5.1.3        |
|   | For cumulative impacts, the temporal scope includes the period of effects of past, present and reasonably foreseeable future projects that are predicted to combine with the impacts of the proposed Project.   | 9.0                       | 3.0<br>4.0<br>5.0         | 3.3.3<br>4.4.3<br>5.1.3            |



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### Updated Tłı̨ch̨o All-Season Road Project Concordance Table

**Table A-1: EA-1617-01 Terms of Reference Concordance Table (cont'd)**

| TOR Section                                   | Description  | Applicable Section in PDR          | Applicable Section in ASR | Applicable Sub-Section in ASR |
|---|--|------------------------------------|---------------------------|-------------------------------|
| 3.2<br>Incorporation of traditional knowledge | In accordance with section 115.1 of the MVRMA, the Review Board must consider both traditional knowledge and scientific information that is made available during an EA. In addition, paragraph 115(1)(c) of the MVRMA requires that the EA process have regard for the importance of conservation to the well-being and way of life of the Aboriginal peoples of Canada to whom Section 35 of the Constitution Act 1982 applies and who use an area of the Mackenzie Valley. As such, the developer should make all reasonable efforts to collect and use traditional knowledge, where applicable, in project design and in evaluating impacts and proposing mitigations in the PDR/ASR.  | Traditional Knowledge Study Report | 2.0                       | 2.4                           |
|   | The Board is encouraged by the collaboration between the Tłı̨ch̨o Government and the developer and by the former's satisfaction with the developer's work in this regard. However, the ASR must contain a comprehensive, stand-alone section summarizing the use and consideration of traditional knowledge, as described below. This will assist the Board in evaluating the incorporation and use of traditional knowledge in its determinations of significant adverse impacts.<br>This summary will explain how traditional knowledge has been incorporated into specific aspects of: Project design; impact predictions; and potential mitigations.<br>The methods used in the acquisition, analysis and presentation of traditional knowledge are at the developer's discretion but should be consistent with the Review Board's Guidelines for Incorporating Traditional Knowledge into the Environmental Impact Assessment Process.  | 5.1                                | 2.0                       | 2.4                           |
| 3.3 Public engagement                         | The Review Board acknowledges the engagement activities (described in the PDR, PR#7, Appendix E) the developer has already undertaken with communities, Aboriginal groups and other organizations with interests related to the construction and operation of an all-season road.<br>For any additional engagement activities that have occurred during the environmental assessment, and up to the submission of the PDR/ASR, the developer will submit an updated engagement log and summary at the time of the PDR/ASR submission. This engagement log and summary should describe dates, individuals and organizations engaged with, as well as the mode of communication, discussion topics and positions taken by participants, including: <ul style="list-style-type: none"> <li>▪ all commitments and agreements made in response to issues raised by the public during these discussions, and how these commitments altered the planning of the proposed Project; and</li> <li>▪ all issues that remain unresolved, documenting any further efforts envisioned by the parties to resolve them.</li> </ul> | Appendix E                         | Appendix E                | N/A                           |



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### Updated Tłıchq All-Season Road Project Concordance Table

**Table A-1: EA-1617-01 Terms of Reference Concordance Table (cont'd)**

| TOR Section                                       | Description   | Applicable Section in PDR | Applicable Section in ASR                     | Applicable Sub-Section in ASR  |
|---|---|---------------------------|---|--|
| 3.4 Developer commitments and mitigation measures | <p>The Review Board acknowledges that the developer has listed numerous mitigation measures in their PDR. For the Review Board to consider this information as part of the PDR/ASR, the proponent will provide a commitments table listing all mitigation measures the developer will undertake related to the TAsR. This includes, but is not limited to any commitments and mitigation measures identified in the PDR and on the public record, including from the Preliminary Screening process. The commitments table will also contain the following summary information:</p> <ul style="list-style-type: none"> <li>▪ describe the purpose of the mitigation; and</li> <li>▪ identify the responsible authority for implementing and enforcing the mitigation measure.</li> </ul> | N/A                       | 1.0<br>2.0<br>3.0<br>4.0<br>5.0<br>Appendix F | 1.3<br>2.3.1<br>3.2<br>Table 3.2-1<br>4.3<br>Table 4.3-1<br>5.3<br>Table 5.3-1<br>(consolidated commitments will be provided for the Public Hearing) |
| 3.5 Summary materials                             | <p>The following summary materials will be required in the PDR/ASR:</p> <ul style="list-style-type: none"> <li>▪ a plain language summary of the PDR/ASR in English and Tłıchq; and</li> <li>▪ a concordance table for new materials that cross references the items in the TOR and Adequacy Statement with relevant sections of the PDR/ASR.</li> </ul>  | N/A                       | Plain Language Summary<br>Appendix A          | This table   |
|   | <ul style="list-style-type: none"> <li>▪ an updated list of anticipated authorizations, permits, licenses and other approvals, including any authorizations required from the Tłıchq Government, DFO or other responsible authorities that are not already covered in the PDR</li> </ul>  | N/A                       | 1.0   | Table 1.5-1  |



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### Updated Tłıchq All-Season Road Project Concordance Table

**Table A-1: EA-1617-01 Terms of Reference Concordance Table (cont'd)**

| TOR Section                    | Description   | Applicable Section in PDR | Applicable Section in ASR | Applicable Sub-Section in ASR |
|--------------------------------|---|---------------------------|---------------------------|-------------------------------|
| 3.6<br>Development description | The developer will ensure that a description of all Project components and activities is included in the PDR/ASR, including any proposed or existing components and activities not listed in Section 2.1 of these TOR.  | 4.0                       | 1.0                       | 1.2                           |
|                                | Where the developer feels it would be helpful to reviewers, the PDR/ASR should describe alternative development components, management systems or alternative locations for physical works and activities considered for the Project. Where applicable, the developer will provide reference to research that identifies the successful use of the specific technologies being proposed, and their relevance for this environmental setting.  | 4.0<br>5.0                | 2.0                       | 2.4                           |
|                                | Describe the proposed Project, providing details and a schedule for all physical works and activities throughout the construction and operations phases, with a description of major activities by phase. Include milestone events (e.g. bridge construction, halfway point, project completion, etc.) and anticipated progress of construction activities (e.g. length of road constructed per year).  | N/A                       | Appendix B                | N/A                           |
|                                | The development description will describe all Project components and activities for the construction and operations phases including, but not limited to: <ul style="list-style-type: none"> <li>▪ project components (i.e. physical infrastructure)</li> <li>▪ use of chemicals and explosives</li> <li>▪ stockpiling of material</li> <li>▪ water usage, management and treatment</li> <li>▪ waste management</li> <li>▪ power generation</li> <li>▪ transportation needs</li> <li>▪ maintenance</li> <li>▪ public safety</li> <li>▪ management and monitoring plans</li> </ul>   | 4.0                       | 1.0                       | 1.2                           |
| 3.7 Land use Plans             | The TASR is entirely within the Wek'èezhì Resource Management Area. Seventeen kilometers of the TASR cross Tłıchq lands and are thus subject to the Tłıchq Land Use Plan. The developer should demonstrate how the Project conforms to this land use plan and/or if an exemption from the land use plan would be required for any specific activities. If an exemption is required, the Developer will state if the exemption is likely to alter the Project. In such a case, the developer will describe the likelihood of those changes, and any additional direct or indirect impacts on valued components that might result.  | 3.0                       | 1.0                       | 1.4                           |
| 3.8 Developer information      | The following information about the developer is required: <ol style="list-style-type: none"> <li>(a) how the developer will ensure that its contractors and subcontractors honour commitments made by the developer in the context of the EA;</li> <li>(b) environmental performance record for the GNWT-DOT on its regulatory compliance on previous construction projects; and</li> <li>(c) description of any corporate policies, codes of practice, programs or plans concerning the developer's environmental, sustainable development, community engagement, northern hiring, and workplace health and safety policies, with corresponding description of how they relate to the Project.</li> </ol> | 3.0                       | 1.0<br>Appendix D         | 1.2.1<br>Appendix D           |



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### Updated T1jchq All-Season Road Project Concordance Table

**Table A-1: EA-1617-01 Terms of Reference Concordance Table (cont'd)**

| TOR Section                 | Description  | Applicable Section in PDR | Applicable Section in ASR | Applicable Sub-Section in ASR |
|-----------------------------|--|---------------------------|---------------------------|-------------------------------|
| 4 Assessment Methodology    | <p>The purpose of the PDR/ASR is to assess the potential impacts on the environment from the Project. The major steps in impact assessment are:</p> <ul style="list-style-type: none"> <li>▪ describing the pathways of effect that link the development to valued components of the environment;</li> <li>▪ forming and refining impact predictions with the help of consultation and expert knowledge (including traditional knowledge);</li> <li>▪ identifying mitigation measures to reduce or avoid adverse impacts; and</li> <li>▪ predicting and characterizing residual impacts<sup>(c)</sup>.</li> </ul> <p>Any deviation from the listed methodology must be accompanied by detailed rationale regarding the selected methodology in assessing Project effects on the environment.</p>   | N/A                       | 2.0                       | 2.1<br>2.2<br>2.3             |
| 4.1 Impact assessment steps | <p>For each valued component identified in section 2.2.2, the developer will complete an impact assessment, considering scientific and traditional knowledge as applicable, using the following methodology:</p> <ol style="list-style-type: none"> <li>1. Identify the natural range of the baseline conditions without the Project, considering variability (including seasonal, inter-annual, and spatial variability for applicable/ appropriate parameters) and trends over time.</li> <li>2. Identify the potential effect pathways, or interactions, between the Project and the valued component.</li> <li>3. Predict potential direct and indirect impacts.               <ol style="list-style-type: none"> <li>a. describe the techniques used in the impact predictions (e.g. models,);</li> <li>b. describe all assumptions and the level of uncertainty associated with each prediction;</li> <li>c. consider likely climate change and fire scenarios and how scenarios affect predicted effects of the Project on valued components; and</li> <li>d. consider and predict how accidents and malfunctions may contribute to predicted impacts.</li> </ol> <p>Provide a brief risk assessment for identified accidents or malfunctions on the valued component that includes any residual effects affecting that valued component.</p> </li> <li>4. Describe the impacts in terms of:               <ol style="list-style-type: none"> <li>a. the mechanism that causes the predicted impact;</li> <li>b. geographical extent of the impact and rationale for its selection;</li> <li>c. the duration and frequency of the impact;</li> <li>d. magnitude of the impact (what degree of change is expected);</li> <li>e. reversibility of the impact;</li> <li>f. uncertainty associated with prediction;</li> <li>g. overall implication of the impact on the valued component; and</li> <li>h. likelihood of the impact.</li> </ol> <p>When describing impacts, compare the predicted impacts to pre-development conditions or to conditions without the Project, as appropriate.</p> </li> <li>5. Identify and describe any proposed mitigation measures:               <ol style="list-style-type: none"> <li>a. describe the link between the mitigation measure and the Project component responsible for the impact, and demonstrate how the proposed mitigation measures will reduce or avoid the predicted impacts. Include predictions that will help evaluate the effectiveness of the mitigation measures; and</li> <li>b. evaluate the technical and economic feasibility of the mitigation measures, discussing constraints,</li> </ol> </li> </ol> | 8.0                       | 2.0<br>3.0<br>4.0<br>5.0  | Entire chapters               |



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### Updated T1jchq All-Season Road Project Concordance Table

**Table A-1: EA-1617-01 Terms of Reference Concordance Table (cont'd)**

| TOR Section                             | Description  | Applicable Section in PDR | Applicable Section in ASR | Applicable Sub-Section in ASR   |
|---|--|---------------------------|---------------------------|---|
| 4.1 Impact assessment steps (cont'd)    | <p>uncertainties and implementation challenges.</p> <p>6. Predict the residual impacts by updating the impact predictions in step 3 to include the proposed mitigation measures. Describe any residual impacts according to step 4, and discuss the overall implication of the impacts on the valued component.</p> <p>7. Describe any monitoring, evaluation and adaptive management plans that will be used to:</p> <ol style="list-style-type: none"> <li>a. detect unexpected changes;</li> <li>b. determine whether impact predictions are accurate;</li> <li>c. evaluate the effectiveness of mitigations; and</li> <li>d. adjust management actions to minimize adverse impacts.</li> </ol> <p>Demonstrate how the plans adhere to adaptive management best practices, such as those described in guidelines listed in Appendix A.</p>                                      |                           |                           |   |
| 4.2 Cumulative effects assessment steps | <p>A cumulative effect is an impact (biophysical, socio-economic, or cultural) that results from the proposed development in combination with other past, present or reasonably foreseeable future developments. In the PDR/ASR, the developer will conduct a cumulative effects assessment for any valued component that is susceptible to cumulative effects.</p>  | 9.0                       | 3.0<br>4.0<br>5.0         | 3.3<br>3.5<br>4.4<br>4.6<br>5.5                                       |
|   | <p>In conducting a cumulative effects assessment for each applicable valued component, the developer will use the steps below:</p> <ol style="list-style-type: none"> <li>1. Describe and provide rationale for which past, present or reasonably foreseeable future developments, human activities, climate and fire scenarios are being considered in the cumulative effects assessment.</li> </ol>  | 9.2                       | 2.0<br>3.0<br>4.0<br>5.0  | 2.3<br>3.3.3<br>4.4.3<br>5.1.3  |
|   | <p>In conducting a cumulative effects assessment for each applicable valued component, the developer will use the steps below:</p> <ol style="list-style-type: none"> <li>2. Combine the Project-related residual impact predicted under step 6 in section 4.1 with the impacts from the developments and human activities identified above:               <ol style="list-style-type: none"> <li>a. identify and discuss the way in which a cumulative impact may occur;</li> <li>b. predict the potential direct and indirect cumulative impacts;</li> <li>c. describe techniques utilized in impact prediction (e.g. models, assumptions and the level of uncertainty; and</li> <li>d. discuss the contribution of the Project to the overall cumulative impact.</li> </ol> </li> <li>3. Characterize the cumulative impact according to steps 4 – 6 in section 4.1.</li> </ol> | 9.3                       | 2.0<br>3.0<br>4.0<br>5.0  | 2.3<br>3.4<br>3.5<br>4.4<br>4.5<br>5.4<br>5.5                         |
|   | <p>Consideration should also be given to identifying ways in which the developer, either on its own or cooperatively with others, can reduce or avoid any predicted cumulative impacts. Current efforts on cumulative effects assessment and management should be described, including (if applicable) the developer's efforts to coordinate its monitoring and management to contribute towards a regional approach. Lessons learned from previous or current relevant cumulative effects initiatives should be discussed.</p>  | 9.3                       | 3.0<br>4.0<br>5.0         | Table 3.2-1<br>3.3<br>Table 4.3-1<br>4.3<br>4.4<br>Table 5.3-1<br>5.4 |



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### Updated Tłıchq All-Season Road Project Concordance Table

**Table A-1: EA-1617-01 Terms of Reference Concordance Table (cont'd)**

| TOR Section                         | Description  | Applicable Section in PDR | Applicable Section in ASR | Applicable Sub-Section in ASR   |
|-------------------------------------|--|---------------------------|---------------------------|---|
| 5 Baseline Information Requirements | In order to complete the impact assessment in the PDR/ASR, additional baseline information related to the assessment of specific valued components may be required. Step 1 of the impact assessment steps in section 4.1 requires the developer to identify the baseline conditions needed to assess impacts to valued components. The developer is required to incorporate sufficient baseline information so that the linkage between Project activities and impacts to valued components as a result of the Project are clearly described and evaluated.  | 6.0<br>7.0                | 3.0<br>4.0<br>5.0         | 3.1.5<br>4.2<br>5.2   |
| 7 Cumulative Effects Summary        | Cumulative effects must be assessed for all relevant valued components as described in section 4.2. The developer will also provide a summary of the assessment of cumulative impacts. The summary will include a discussion of any proposed mitigations by which the developer, either on its own or cooperatively with others, will reduce or avoid any predicted cumulative impacts.  | 9.0                       | 3.0<br>4.0<br>5.0         | Table 3.2-1<br>3.3<br>Table 4.3-1<br>4.3<br>4.4<br>Table 5.3-1<br>5.4 |
| 8 Follow-Up and Monitoring Programs | <p>The PDR/ASR will include a section that summarizes proposed follow-up, monitoring and adaptive management plans and programs. This summary will:</p> <ol style="list-style-type: none"> <li>1. Describe any monitoring, evaluation and adaptive management plans that will be used to achieve the following objectives:               <ol style="list-style-type: none"> <li>a. detect unexpected changes;</li> <li>b. determine whether impact predictions are accurate;</li> <li>c. evaluate the effectiveness of mitigations;</li> <li>d. adjust management actions to minimize adverse impacts; and</li> <li>e. discuss responsibilities for data collection, analysis and dissemination.</li> </ol> </li> <li>2. Describe how Project-specific monitoring will be compatible with the NWT Cumulative Impact Monitoring Program or other regional monitoring and research programs.</li> <li>3. Demonstrate how the plans adhere to adaptive management best practices, such as those described in guidelines listed in Appendix A.</li> <li>4. Clearly describe how these plans relate to regulatory and non-regulatory monitoring requirements for the life of the Project.</li> </ol> <p>The developer is encouraged to discuss and adopt common data collection and monitoring protocols with local and regional monitoring programs including GNWT-Environment and Natural Resources to facilitate Project impact analysis. The extent and quality of data used to establish the baseline conditions for any monitoring program should be explained.</p> | 10.0 and updated plans    | 1.0<br>3.0<br>4.0<br>5.0  | 1.6<br>3.6<br>4.7<br>5.6  |



## APPENDIX A Updated Tłı̨ch̓q All-Season Road Project Concordance Table

**Table A-1: EA-1617-01 Terms of Reference Concordance Table (cont'd)**

| TOR Section                                  | Description  | Applicable Section in PDR | Applicable Section in ASR | Applicable Sub-Section in ASR |
|--|--|---------------------------|---------------------------|-------------------------------|
| 8 Follow-Up and Monitoring Programs (cont'd) | In addition, the developer is encouraged to use management response plans to accomplish adaptive management. Guidance on a management response framework, how to link monitoring results to management decisions and how management activities can be developed adaptively in response to changes in the environment can be found in the WLWB document Guidelines for Adaptive Management – a Response Framework for Aquatic Effects Monitoring. Draft. Oct 17, 2010 | 10.0 and updated plans    | N/A                       | N/A                           |

Notes:

- For this EA, "species at risk" includes any species whose range is within the scope of assessment that is listed under the Species at Risk Act or the Species at Risk (NWT) Act; a species in the Northwest Territories under consideration for listing (as of July 2016); or a species considered "at risk" by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC).
- According to the International Association for Impact Assessment (IAIA) guidelines on Socio-economic Impact Assessment, vulnerability is defined as "a situation or condition characterized by low resilience and/or higher risk and reduced ability of an individual, group or community to cope with shock or negative impacts. Vulnerability is associated with having low socio-economic status, disability, ethnicity, or one or more of the many factors that influence people's ability to access resources and development opportunities."
- Residual impacts are effects that remain after the application of mitigation measures.



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**Table A-2: EA-1617-01 Adequacy Statement Concordance Table**

| Adequacy Statement Section                      | Adequacy Statement Description  | Applicable Section in ASR   | Applicable Sub-Section in ASR  |
|---|---|---|--|
| Table 3-1<br>3.1 Presentation of Material       | Provide all ASR material according to the instructions in Section 3.1 of the TOR  | Entire document   | Entire document  |
| Table 3-1<br>3.2 Incorporation of TK            | Provide a stand-alone TK summary section in the ASR based on the instructions in Section 3.2 of the TOR.  | 2.0   | 2.4  |
| Table 3-1<br>3.3 Public Engagement              | Reporting on ongoing engagement will follow the instructions in Section 3.3 of the TOR.   | 1.2.5<br>Appendix E   | TASR Engagement and Consultation Log   |
| Table 3-1<br>3.4 Developer Commitments          | Provide a table of commitments, based on the instructions in Section 3.4 of the TOR.  | 3.0<br>4.0<br>5.0<br>Appendix F   | Tables 3.2-1, 4.3-1, 5.3-1<br>Appendix F<br>(consolidated commitments will be provided for the Public Hearing) |
| Table 3-1<br>3.5 Summary Materials              | Based on the instructions in Section 3.5 of the TOR, provide: <ul style="list-style-type: none"> <li>▪ a plain language summary of the response to the Adequacy Statement;</li> <li>▪ a concordance table (against requirements in Adequacy Statement); and</li> <li>▪ an updated list of anticipated authorizations, permits, licenses and other approvals, including any authorizations required from the Tłı̨chǫ Government, DFO or other responsible authorities that are not already covered in the PDR</li> </ul> | Plain Language Summary<br>Appendix A (this document)<br>1.0                 | Concordance in Tables A-1 and A-2<br>1.5 (list of authorizations, permits)                                     |
| Table 3-1<br>3.6 Development description        | Based on the instructions in Section 3.6 of the TOR, provide: <ul style="list-style-type: none"> <li>▪ a detailed schedule for project activities (including estimated duration for each activity and any seasonal timing constraints and contingency plans), milestones, and timing of construction based on the estimated schedule; and</li> <li>▪ an updated description of activities during the operations phase.</li> </ul>   | 1.0<br>Appendix B   | 1.2<br>Appendix B  |
| Table 3-1<br>3.7 Land Use Plans                 | GNWT-DOT needs to state if accessing the borrow sources within the cultural heritage zone will alter the project and list any ensuing impacts that might result to valued components.   | 1.0   | 1.4  |
| Table 3-1<br>3.8 Developer                      | Provide information required under item b of Section 3.8 of the TOR (environmental performance record).   | Appendix D  | Table D-1, D-2   |
| Table 3-1<br>4 Assessment Methodology           | Project-related effects: refer to sections 4.1, 4.2, and 4.3 of this document (i.e. the Adequacy Statement) for elaboration. Cumulative effects: refer to section 4.3 of this document for elaboration.   | See rows below for Adequacy Statement Sections 4.1, 4.2 and 4.3 concordance | N/A  |
| Table 3-1<br>5 Baseline Info                    | Refer to Sections 4 and 4.3 of the Adequacy Statement.  | See rows below for Adequacy Statement Sections 4.1, 4.2 and 4.3 concordance | N/A  |
| Table 3-1<br>6 Detailed Requirements Assessment | Refer to Section 4.3 of the Adequacy Statement.   | See rows below for Adequacy Statement Section 4.3 concordance               | N/A  |



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### Updated T1jchq All-Season Road Project Concordance Table

**Table A-2: EA-1617-01 Adequacy Statement Concordance Table (cont'd)**

| Adequacy Statement Section                    | Adequacy Statement Description  | Applicable Section in ASR | Applicable Sub-Section in ASR   |
|---|---|---------------------------|---|
| Table 3-1<br>7 Cumulative Effects Summary     | Provide a summary of cumulative effects, based on the instructions in Section 7 of the TOR.   | 3.0<br>4.0<br>5.0         | 3.3<br>4.4<br>5.5   |
| Table 3-1<br>8 Follow-up & Monitoring         | Provide a summary, based on the instructions in Section 8 of the TOR.   | 3.0<br>4.0<br>5.0         | 3.6<br>4.7<br>5.5   |
| 4.1 Potential impacts and mitigation measures | <p>The assessment of each Project-related environmental impact begins with a description of the mechanisms whereby specific Project components and activities could result in an impact to a valued component. For each valued component topic identified in section 2.2.2 of the Terms of Reference, the developer will clearly describe for all phases of the project:</p> <ul style="list-style-type: none"> <li>▪ the potential impacts that may occur;</li> <li>▪ the project component(s) and/or activities to which the impact is linked; and</li> <li>▪ how the proposed mitigations will reduce or avoid the potential impact.</li> </ul> <p>The developer will provide a thorough description of the potential impacts and proposed mitigations associated with the adequacy items identified in section 4.3 of this document. The results should be summarized in a table.</p>   | 3.0<br>4.0<br>5.0         | Table 3.2-1<br>3.3<br>Table 4.3-1<br>4.3<br>4.4<br>Table 5.3-1<br>5.4 |
| 4.2 Residual impacts                          | Building on the description required under section 4.1 above, the developer will predict and characterize residual environmental impacts (i.e. the environmental impacts that remain after mitigation has been applied) for all Project components. Thorough characterization of residual impacts is critical for the Review Board to make a final determination on significance at the end of the environmental assessment.  | 2.0<br>3.0<br>4.0<br>5.0  | 2.3<br>3.3<br>3.5<br>4.4<br>4.6<br>5.4<br>5.5                         |
| 4.3 Cumulative impacts                        | In order to fully assess potential cumulative impacts, the developer will conduct a cumulative effects assessment for any valued component listed in Table 1 of the Terms of Reference (section 2.2.2):   | 3.0<br>4.0<br>5.0         | 3.3<br>4.4<br>5.5   |
|   | <p>To complete the cumulative effects assessment for each relevant valued component, the developer will:</p> <ul style="list-style-type: none"> <li>▪ Combine the Project-related residual impacts predicted (see section 4.2 of this document) with the impacts from the developments, human activities, climate and fire scenarios identified in the PDR: <ul style="list-style-type: none"> <li>– identify and discuss the way in which a cumulative impact may occur;</li> <li>– predict the potential direct and indirect cumulative impacts according to the same methodology applied for assessing project-specific impacts;</li> <li>– describe techniques and assumptions utilized in impact prediction (e.g. models); and</li> <li>– discuss the contribution of the project to the overall cumulative impact.</li> </ul> </li> <li>▪ Characterize the cumulative impact according to steps 4 to 6 in section 4.1 of the Terms of Reference.</li> </ul> | 3.0<br>4.0<br>5.0         | 3.3<br>4.4<br>5.5   |



## APPENDIX A

### Updated T1jchq All-Season Road Project Concordance Table

**Table A-2: EA-1617-01 Adequacy Statement Concordance Table (cont'd)**

| Adequacy Statement Section                  | Adequacy Statement Description |                      |                      |  | Applicable Section in ASR | Applicable Sub-Section in ASR                                   |
|---|--------------------------------|----------------------|----------------------|--|---------------------------|---|
|   | Topic                          | Adequacy Item        | Relevant Methodology | Additional Requirement   |                           |   |
| 5.1 Valued Component: Fish and fish habitat | Fish Habitat                   | Water quality        | Adequacy 4.1         | Describe the potential impacts and mitigation measures to water quality related to fish and fish habitat from the use of explosives.   | 3.0                       | 3.2<br>Table 3.2-1  |
|   |                                |                      | Adequacy 4.2         | Conduct a residual impact assessment to address potential project effects to water   | 3.0                       | No impacts anticipated, residual impact assessment not required |
|   |                                | Accidents and spills | Adequacy 4.1         | Describe the potential impacts and mitigation measures to fish habitat and water quality resulting from accidents or spills during construction and operation phases.  | 3.0                       | 3.2<br>Table 3.2-1  |
|   |                                |                      | Adequacy 4.2         | Conduct a residual impact assessment to address potential project effects to fish habitat and water quality resulting from accidents or spills. Where appropriate, distinguish between construction and operation phases of the Project.   | 3.0                       | No impacts anticipated, residual impact assessment not required |
|   |                                | Physical Impacts     | Adequacy 4.1         | Expand on the impact information listed on page 8-28 of the PDR, as per the requirements of assessment step.4.1 (Appendix A), providing all information requested in Table 4-1 of the Adequacy Statement. Indicate the species, critical life stages, and habitat these effects may apply to.                              | 3.0                       | 3.2<br>Table 3.2-1  |
|   |                                |                      | Adequacy 4.2         | Confirm whether or not the list of anticipated residual impacts on page 6 of Appendix T of the PDR is also the comprehensive list of residual impacts from all potential effects listed from pages 8-28 to 8-30 of the PDR. Conduct a residual impact assessment to address any potential project effects to fish habitat. | 3.0                       | 3.3   |



## APPENDIX A

### Updated Tłıchq All-Season Road Project Concordance Table

**Table A-2: EA-1617-01 Adequacy Statement Concordance Table (cont'd)**

| Adequacy Statement Section                           | Adequacy Statement Description   |                               |                        | Applicable Section in ASR   | Applicable Sub-Section in ASR |   |
|--|--|-------------------------------|------------------------|---|-------------------------------|---|
| 5.1 Valued Component: Fish and fish habitat (cont'd) | Fish Harvesting  |                               | Adequacy 4.2           | Conduct a residual impact assessment to address potential project effects to fish harvesting resulting from accidents or spills. Where appropriate, distinguish between construction and operation phases of the Project. Consider responses from Review Board IR#1.  | 3.0                           | No impacts anticipated, residual impact assessment not required   |
|  |  |                               | Adequacy 4.2           | Conduct a residual impact assessment to address project effects on fish harvesting due to increased access and pressure from road users. Include an estimate of the likely number of additional users by category (accounting for seasonal variation): <ul style="list-style-type: none"> <li>▪ Aboriginal, non-Tłıchq harvesters</li> <li>▪ NWT resident fishers</li> <li>▪ Non-NWT fishers</li> </ul> | 3.0                           | 3.3   |
|  |  | Important Fishing Areas       | Adequacy 4.1           | Describe the potential impacts and mitigation measures from increased access to the areas identified in the Traditional Knowledge Study Report (PR#28) and from responses to Review Board IR#1  | 3.0                           | 3.2   |
|  |  |                               | Adequacy 4.2           | Conduct a residual impact assessment on the ability of the areas identified in the Traditional Knowledge Study Report (PR#28) to sustain increased use and fishery pressure.  | 3.0                           | 3.3   |
|  |  | 5.2 Valued Component: Caribou | Barren- ground caribou | Mortality   | Adequacy 4.1                  | Describe the potential impacts and mitigation measures related to barren-ground caribou as a result of increased harvesting pressure along the roads north of Whati. Include consideration of the longer winter road season and a potential for increased road users. |
| Adequacy 4.2   | Conduct a residual impact assessment for barren-ground caribou from increased harvesting pressure related to the longer winter road season, including consideration of: <ul style="list-style-type: none"> <li>▪ potential impacts and mitigations that may affect population recovery; and</li> <li>▪ overall effects on abundance, distribution and population trends of barren-ground caribou.</li> </ul> |                               |                        |   | 4.0                           | 4.4<br>4.5<br>4.6   |



## APPENDIX A

### Updated Tłı̨chǫ All-Season Road Project Concordance Table

**Table A-2: EA-1617-01 Adequacy Statement Concordance Table (cont'd)**

| Adequacy Statement Section             | Adequacy Statement Description |                |                | Applicable Section in ASR   | Applicable Sub-Section in ASR |                           |
|--|--------------------------------|----------------|----------------|---|-------------------------------|---------------------------|
| 5.2 Valued Component: Caribou (cont'd) | Boreal caribou                 | Mortality risk | Adequacy 4.1   | Describe potential impacts and mitigation measures related to boreal caribou as a result of construction and operation, including: <ul style="list-style-type: none"> <li>▪ change in harvesting pressure from a change in</li> <li>▪ access into region;</li> <li>▪ change in harvesting pressure north of Whati</li> <li>▪ due to extended season winter road;</li> <li>▪ vehicle collisions; and</li> <li>▪ changes in predator-prey relationships.</li> </ul>   | 4.0                           | 4.3<br>Table 4.3-1<br>4.4 |
|  |                                |                | Adequacy 4.2   | Conduct a residual impact assessment on boreal caribou from project-related activities, including the above identified effects.   | 4.0                           | 4.4                       |
|  |                                | Habitat        | TOR 4.1 step 1 | Discuss the baseline range for boreal caribou in relation to the project and its effects, including: <ul style="list-style-type: none"> <li>▪ seasonal variation; and</li> <li>▪ location of critical habitat along the road corridor.</li> </ul>   | 4.0                           | 4.2.2.1                   |
|  |                                |                | Adequacy 4.1   | Describe potential impacts and mitigations from direct and indirect alteration of boreal caribou habitat, inclusive of disturbance, displacement, and barrier effects. Include potential impacts: <ul style="list-style-type: none"> <li>▪ from the road disturbance footprint;</li> <li>▪ from visual, smell, noise, light, and other sensory disturbances (including potential habitat avoidance or loss of effective habitat);</li> <li>▪ on critical habitat areas for various life stages and movement corridors;</li> <li>▪ from dusting to boreal caribou and habitat;</li> <li>▪ to loss of functional habitat due to competition with other wildlife species (in particular bison);</li> <li>▪ to movement patterns, including any changes in interactions with other caribou herds; and</li> <li>▪ to habitat availability and distribution, due to any increases in fires resulting from use of the road.</li> </ul> | 4.0                           | Table 4.3-1<br>4.4        |



## APPENDIX A

### Updated Tłı̨ch̨o All-Season Road Project Concordance Table

**Table A-2: EA-1617-01 Adequacy Statement Concordance Table (cont'd)**

| Adequacy Statement Section                                | Adequacy Statement Description   |                   |                | Applicable Section in ASR   | Applicable Sub-Section in ASR |                    |
|---|--|-------------------|----------------|---|-------------------------------|--------------------|
| 5.2 Valued Component: Caribou (cont'd)                    | Boreal caribou (cont'd)  | Habitat (cont'd)  | Adequacy 4.2   | Conduct a residual impact assessment on boreal caribou habitat from project-related activities, including the above identified impacts.   | 4.0                           | 4.4                |
|   |  | Population health | TOR 4.1 step 1 | Describe the abundance, distribution, and population of boreal caribou populations  | 4.0                           | 4.4                |
|   |  |                   | Adequacy 4.1   | Describe the potential impacts and mitigations related to boreal caribou populations and population trends, including: <ul style="list-style-type: none"> <li>▪ potential effects on sensitive life stages or sensitive or critical habitat;</li> <li>▪ potential effects on habitat use by boreal caribou;</li> <li>▪ potential changes to the ability of boreal caribou habitat or populations to recover; and</li> <li>▪ overall effects on abundance, distribution, and population trends of boreal caribou.</li> </ul> | 4.0                           | Table 4.3-1<br>4.4 |
|   |  |                   | Adequacy 4.2   | Conduct a residual impact assessment on boreal caribou population health from project-related activities, including the above identified impacts.   | 4.0                           | 4.4                |
| 5.3 Valued component: Wildlife, including species at risk | The PDR provides information in sections 6.6.3, 6.5.3, and 6.8.3 regarding which wildlife (including birds, amphibians, and insects), vegetation and fish species at risk may occur in the project area. However, additional information is required regarding the habitat ranges of wildlife and species at risk and the likelihood of their presence in the immediate vicinity of the project area.  |                   |                | 4.0   | 4.2                           |                    |
|   | In their PDR, the developer proposed a number of mitigations that would address project-related effects to wildlife (e.g. PR#7 p5-2, p8-15, pp8-22 to 8-25). As mentioned for caribou, above, the effectiveness of some of these mitigation measures was challenged during the preliminary screening process (see PR#24 NSMA#1- Attachment letter p8) and was a supporting rationale in the Review Board's Reasons for Decision for Environmental Assessment to refer the TASR to EA (PR#2 p1). A discussion of how likely these mitigation measures are to reduce or eliminate concerns to wildlife and species at risk has not occurred. Neither has a description of any residual effects following implementation of the mitigation measures occurred. Both steps are required to assess potential impacts of the project to wildlife and other species at risk. Table 5-3 outlines the additional assessment required for this topic. |                   |                | 4.0   | Table 4.3-1<br>4.3            |                    |



## APPENDIX A

### Updated Tłıchq All-Season Road Project Concordance Table

**Table A-2: EA-1617-01 Adequacy Statement Concordance Table (cont'd)**

| Adequacy Statement Section   | Adequacy Statement Description   |   |              | Applicable Section in ASR  | Applicable Sub-Section in ASR |   |
|--|--|---|--------------|--|-------------------------------|---|
| 5.3 Valued component: Wildlife, including species at risk (cont'd) | Moose, bison, wolverine  | Competition                                     | Adequacy 4.1 | Describe the potential impacts and mitigations related to moose, bison and wolverine from loss of functional habitat due to competition with other species. Include the potential impact of bison moving into the project area on moose.   | 4.0                           | 4.3   |
|  |  |   | Adequacy 4.2 | Conduct a residual impact assessment on moose, bison and wolverine from project-related activities, including the above identified impacts.  | 4.0                           | 4.4<br>(pathway interaction with bison is weak, residual impacts not assessed)        |
|  |  | Mortality risk                                  | Adequacy 4.1 | Describe potential impacts and mitigation measures to reduce impacts to moose, bison and wolverine as a result of project components, including: <ul style="list-style-type: none"> <li>▪ changes in harvesting from changes in access into region;</li> <li>▪ vehicle collisions; and</li> <li>▪ changes in predator-prey relationships.</li> </ul> | 4.0                           | 4.3<br>4.4<br>(pathway interaction with bison is weak, residual impacts not assessed) |
|  |  |   | Adequacy 4.2 | Conduct a residual impact assessment on moose, bison and wolverine from project-related activities, including the above identified impacts.  | 4.0                           | 4.4<br>(pathway interaction with bison is weak, residual impacts not assessed)        |
|  | Species at risk  | Impacts on species at risk including monitoring | Adequacy 4.2 | Conduct a residual effects assessment on species at risk from project-related activities. <ul style="list-style-type: none"> <li>▪ Assess potential impacts</li> <li>▪ Identify mitigation</li> <li>▪ Propose monitor that considers the effectiveness of mitigation and consistency with recovery or management strategies</li> </ul>               | 4.0                           | 4.3<br>4.4  |
|  | Species at risk for mammals, birds, fish, plants, amphibians, insects (excluding boreal caribou) | Population health                               | Adequacy 4.1 | Describe the potential impacts to any mammal (including bats), bird, fish, plant, amphibian, and insect species at risk that have the potential to occur in the vicinity of the project  | 4.0                           | 4.3   |
|  |  |   | Adequacy 4.2 | Conduct a residual impact assessment on any mammal, bird, fish, plant, amphibian, and insect species at risk from project components.  | 4.0                           | 4.4   |



## APPENDIX A

### Updated Tłıchq All-Season Road Project Concordance Table

**Table A-2: EA-1617-01 Adequacy Statement Concordance Table (cont'd)**

| Adequacy Statement Section   | Adequacy Statement Description  |                     |                | Applicable Section in ASR   | Applicable Sub-Section in ASR |                                      |
|--|---|---------------------|----------------|---|-------------------------------|--------------------------------------|
| 5.4 Valued component: traditional use, culture, and heritage resources | Traditional use and way of life   | Traditional use     | Adequacy 4.1   | Describe any potential impacts and mitigations to traditional use and way of life from project-related activities, including those identified in responses from Review Board IR#2 and from: <ul style="list-style-type: none"> <li>▪ anticipated disturbances to wildlife and wildlife movement associated with the operation of an all-season road affecting the perception of the land by traditional users;</li> <li>▪ a change in perception of the land resulting in changes to traditional use or value of the area; and</li> <li>▪ from increased mobility and time spent away from the community, including youth.</li> </ul> | 5.0                           | 5.3<br>Table 5.3-1<br>5.4.2<br>5.4.3 |
|  |   |                     | Adequacy 4.2   | Conduct a residual impact assessment on traditional use and way of life affected by project-related activities, including the above-identified impacts.   | 5.0                           | 5.5.3                                |
|  | Harvesting  | Wildlife harvesting | Adequacy 4.1   | Describe any potential impacts and mitigations to traditional use and way of life of Whati residents from increased competition for harvest resources resulting from increased access and use of region by outside harvesters.  | 5.0                           | 5.3<br>Table 5.3-1<br>5.4            |
|  |   |                     | Adequacy 4.2   | Conduct a residual impact assessment on harvesting affected by project-related activities, including the above identified impacts.  | 5.0                           | 5.5                                  |
|  | Heritage and cultural resources   | Heritage resources  | TOR 4.1 step 1 | Describe important heritage resources for aboriginal groups that may be affected by the project and its related activities, including those identified in responses to Review Board IR#3.   | 5.0                           | 5.2.11                               |
|  |   |                     | Adequacy 4.1   | Describe any potential impacts and mitigations to heritage resources for any areas identified as valued heritage resources, including those identified in responses to Review Board IR#3.   | 5.0                           | 5.3<br>Table 5.3-1<br>5.4.3.3        |
|  |   |                     | Adequacy 4.2   | Conduct a residual impact assessment on heritage resources for any additional identified resources.   | 5.0                           | 5.5.3.3                              |
|  | In addition, the Review Board acknowledges that archaeological work has been completed (AOA and AIA) for the road corridor, but requires further clarification on assessing the archaeological potential of borrow sources and access to these locations. |                     |                |   | 5.0                           | 5.4.3.3                              |



## APPENDIX A

### Updated Tl̥ch̥q̥ All-Season Road Project Concordance Table

**Table A-2: EA-1617-01 Adequacy Statement Concordance Table (cont'd)**

| Adequacy Statement Section                                    | Adequacy Statement Description        |   |                | Applicable Section in ASR   | Applicable Sub-Section in ASR |   |
|---|---------------------------------------|---|----------------|---|-------------------------------|---|
| 5.5 Valued Component: Economic Well-being                     | Equity and vulnerability              | Vulnerability                             | TOR 4.1 step 1 | Identify the most vulnerable groups in the community least likely to benefit from the Project or from reasonably foreseeable future economic activities, including those identified in the responses to Review Board information requests.  | 5.0                           | 5.2<br>5.3<br>5.4.2                                 |
|   |                                       |   | Adequacy 4.1   | Describe any potential impacts and mitigation measures related to vulnerable groups as a result of anticipated economic benefits associated with the Project, including any corresponding impact on community cohesion, and considering the responses to Review Board information requests.   | 5.0                           | 5.3<br>Table 5.3-1<br>5.4.2.5                       |
|   |                                       |   | Adequacy 4.2   | Conduct a residual impact assessment on vulnerable groups affected by project-related activities, including the above identified impacts.   | 5.0                           | 5.5.2.5   |
|   | Traditional and Non- wage economy     | Non-wage economy                          | TOR 4.1 step 1 | Describe the non-wage economy in Whati and the degree of local reliance on it to offset cost of living.   | 5.0                           | 5.2.8   |
|   |                                       |   | Adequacy 4.1   | Describe any potential impacts and mitigation measures related to the non-wage economy from an anticipated increase in harvesting pressure and competition associated with increased access to the region.  | 5.0                           | 5.3<br>Table 5.3-1<br>5.4.3<br>5.4.1                |
|   |                                       |   | Adequacy 4.2   | Conduct a residual impact assessment on aspects of the non-wage economy affected by project- related activities, including the above identified impacts.  | 5.0                           | 5.5.1<br>5.5.3                                      |
| 5.6 Valued component: Stable and Healthy Communities          | Use and maintenance of infrastructure | Solid waste & sewage treatment facilities | Adequacy 4.1   | Describe any potential impacts and mitigations to community solid waste facilities and sewage treatment facilities used by the Project during construction and maintenance activities, including consideration of: <ul style="list-style-type: none"> <li>▪ the anticipated incremental demand on the infrastructure from construction and maintenance (e.g. tonnes of waste or volume of sewage); and</li> <li>▪ the existing capacity of the infrastructure to accommodate the increased demand.</li> </ul> | 5.0                           | 5.3<br>Table 5.3-1<br>5.4.2.2                       |
|   |                                       |   | Adequacy 4.2   | Conduct a residual impact assessment on community solid waste facilities and sewage treatment facilities used by the Project during construction and maintenance activities, including the above identified impacts.  | 5.0                           | 5.5.2.2   |
| 5.6 Valued component: Stable and Healthy Communities (cont'd) | Public safety                         | Traffic safety                            | TOR 4.1 step 1 | Describe the current levels of mobility for Whati residents (i.e. movement in and out of), including: <ul style="list-style-type: none"> <li>▪ as a percentage of the community population;</li> <li>▪ by age and gender;</li> <li>▪ frequency during winter road season;</li> <li>▪ frequency outside of winter road season; and</li> </ul>  | 5.0<br>Appendix C             | 5.2.7<br>Appendix C<br>Tables C-1,<br>C-2, C-3, C-4 |



## APPENDIX A

### Updated Tłıchq All-Season Road Project Concordance Table

**Table A-2: EA-1617-01 Adequacy Statement Concordance Table (cont'd)**

| Adequacy Statement Section | Adequacy Statement Description |                |  | Applicable Section in ASR | Applicable Sub-Section in ASR                                |
|----------------------------|--------------------------------|----------------|--|---------------------------|--|
|                            |                                |                | <ul style="list-style-type: none"> <li>▪ by mode of transport.</li> </ul>  |                           |  |
|                            |                                |                | TOR 4.1 step 3a, 3b, 3d<br><br>Elaborate on how the vehicle traffic number of 20-40 vehicles per day was derived, including: <ul style="list-style-type: none"> <li>▪ proportion of public vs private traffic;</li> <li>▪ seasonal variations; and</li> <li>▪ anticipated rate of increase corresponding to anticipated population change and economic opportunities.</li> </ul> | Appendix C                | Appendix C Tables C-1, C-2, C-3, C-4                         |
|                            |                                |                | TOR 4.1 step 3d<br><br>Provide an estimate on the likelihood, number and severity of motor vehicle accidents affecting Whatı and/or NWT residents on the all-season road using data from other NWT communities with road access as a reference point. Include any statistics from vehicle accidents on the annual winter road to Whatı.  | 5.0                       | Mitigation and residual impacts of accidents are considered. |
| Public Safety              | Accidents & Emergency Response | TOR 4.1 step 1 | Describe the emergency response services for accidents on NWT public highways, including: <ul style="list-style-type: none"> <li>▪ how traffic accidents are currently managed; and</li> <li>▪ who the responsible authorities are for emergency response and the planning thereof.</li> </ul>   | 5.0                       | 5.4.2.4  |
|                            |                                | TOR 8          | Provide an emergency response plan for how accidents and emergencies will be addressed on the proposed TASR highway, including the responsible authorities for implementation. List any new requirements and expenses for mentioned organizations to implement the plan.   | 5.0                       | 5.4.2.4  |



## APPENDIX A

### Updated T1jchq All-Season Road Project Concordance Table

**Table A-2: EA-1617-01 Adequacy Statement Concordance Table (cont'd)**

| Adequacy Statement Section                                    | Adequacy Statement Description       |                       |                | Applicable Section in ASR   | Applicable Sub-Section in ASR |                                      |
|---|--------------------------------------|-----------------------|----------------|---|-------------------------------|--------------------------------------|
| 5.6 Valued component: Stable and Healthy Communities (cont'd) | Public Safety and Community Cohesion | Well-being indicators | Adequacy 4.1   | Describe potential impacts to public safety and community cohesion from construction camps, including: <ul style="list-style-type: none"> <li>▪ pregnancy;</li> <li>▪ sexually transmitted infections;</li> <li>▪ drug and alcohol use; and</li> <li>▪ crime-violent and property.</li> </ul>   | 5.0                           | 5.4.2                                |
|   |                                      |                       | Adequacy 4.2   | Conduct a residual impact assessment for the above noted indicators and their overall effect on community cohesion.   | 5.0                           | 5.5.2                                |
|   | Population sustainability            | Population growth     | TOR 4.1 step 3 | Describe the anticipated population level change resulting from the operation of an all-season road, including: <ul style="list-style-type: none"> <li>▪ estimate the rate of population change from the time the road is constructed and projected through to include reasonable foreseeable economic activities; and</li> <li>▪ list the likely source populations for people moving to Whati. For smaller communities, provide an estimate of the migrants as a percentage of the community of origin (e.g. 10% of Gamèti).</li> </ul> | 5.0                           | 5.4.1<br>5.4.2                       |
|   |                                      |                       | Adequacy 4.1   | Describe any potential impacts and mitigation measures of the anticipated population change, including those identified in the response to the Review Board's information request to TG and CGW on population growth, and to: <ul style="list-style-type: none"> <li>▪ community stability for affected communities; and</li> <li>▪ community of Whati infrastructure (i.e. housing, sewage treatment, solid waste facility, law enforcement and health and social services).</li> </ul>  | 5.0                           | 5.3<br>Table 5.3-1<br>5.4.1<br>5.4.2 |
|   |                                      |                       | Adequacy 4.2   | Conduct a residual impact assessment for the anticipated population change and its effect on affected communities (e.g. community stability & infrastructure).  | 5.0                           | 5.5.2                                |