

## **GWICH'IN LAND AND WATER BOARD**

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**www.glwb.com**

October 8, 2015

File: G99L8-001

GNWT Department of Transportation  
Attention Gurdev Jagpal  
Box 2038  
Inuvik, NT X0E 0T0

**Re: Request for Additional Information- Renewal Application for Water Licence  
G99L8-001 (Peel River Ferry Landing)**

Dear Mr. Jagpal,

The Gwich'in Land and Water Board received your application for a Water Licence Renewal on September 30, 2015. Prior to your application being deemed complete, we would appreciate if you could provide additional information and/or clarification for the following sections:

**Schedule III: Application for Renewal of Licence**

**8. Waste Deposited.**

- Please indicate type and size of material deposited.
- Please include gravel deposit tables for each year of the current licensing period, and provide an annual average for the period.

**9. Other Persons or Properties Affected**

- Please provide a concise and complete list of affected parties, including those referenced in the engagement plan.

**10. Predicted Environmental Impacts.**

- Please list the predicted environmental impacts that are addressed by the mitigation methods provided. (The attached *Appendix B – Template for Environmental and Resource Impact and Mitigation Measures Information* may be helpful for developing your list)
- Descriptions of studies undertaken can be included in Section 12.

## Spill Response Plan

### 2.3 Site Descriptions

- Please include the approximate size of each landing, as well as general topography and slope of ground in site descriptions

### 2.4 Preventative Measures

- Please explain where refueling takes place, and indicate if service trucks have transfer tanks. (If applicable, please include additional information that addresses potential spills that take place while refueling, and considerations for spills involving transfer tanks.)
- Are there instances where equipment is working directly in the water? (Such as during gravel retrieval?) If so, please explain what preventative measures are in place for when spills would flow directly into the water, rather than on to land.

### 3.3 Step by Step Instructions for dealing with a Spill/ 4.3 Procedures for Initial Actions.

- Please provide a single procedure for first responders that reflects the below sequence of events, as outlined in the [\*AANDC Spill Contingency Plan Guidelines\*](#).

#### 1. Spill Response – Initial Action

These procedures are for the first person arriving at the scene of a spill and should cover:

- a) protecting the safety of personnel at the site and notification of all personnel of spill occurrence
- b) shutting of ignition sources, if safe to do so
- c) activating the Spill Response Team
- d) identifying the spilled material
- e) locating the likely source of the spill
- f) stopping the spill at its source, if it is safe to do so
- g) take actions to contain and clean up the spilled material
- h) recording relevant information for reporting purposes (e.g. approximate quantity, product type, location, whether spill is still in progress, odour, colour, weather)

- Please update Flow Charts to reflect any changes to the above procedures

### 4.0 Hazard Assessment

- Section 4.3.2 suggests workers consider potential health effects associated with the materials being handled; please include a section that addresses the potential hazards to workers who could come in to contact with spilled substances (or include MSDS's for each listed product)
- Table 2 outlines potential spill sources and direction of discharge. Are there any instances where a discharge might occur directly into the river rather than onto land? If so, please update the table to reflect this possibility.

### 8.0 Training

- Please explain the relevant spill training that is provided to landing workers each year. If no formal training is currently in place, please explain future plans to address potential training gaps.
- Please provide details of any mock drills that have taken place over the past Licence period, or of any exercises that are being planned.

## 9.0 Satellite Imagery

- Please indicate the direction of river flow
- Please indicate the most probable spill locations, and the predicted direction of flow of a spill on land and in the water
- Please include a scale bar

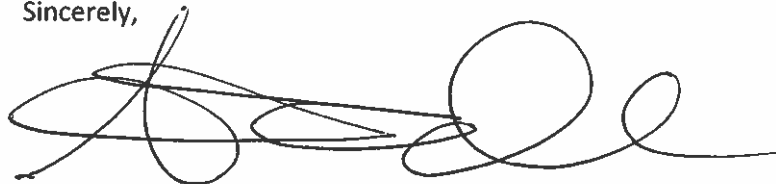
## Engagement Plan

Table 1: Summary of Engagement Triggers:

- "Changes to ferry landing operations" is listed as an engagement trigger, with "Discuss plans to update the glycol management operations and get approval" listed as a primary purpose for engagement. There is no other mention of the use of glycol in this application. Please clarify the use of glycol in landing construction operations, and if applicable, include it in the spill response plan.

Thank you for your assistance in providing the requested information. Should you have questions, please do not hesitate to contact by email at [amacdonald@glwb.com](mailto:amacdonald@glwb.com) or by phone at (867) 777-6622.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alec Sandra Macdonald'. The signature is fluid and cursive, with a large loop at the end.

Alec Sandra Macdonald  
Regulatory Officer

CC: Stephen Charlie – Regional Superintendent – ENR – Inuvik Region  
Chair and Board, Gwich'in Land and Water Board