

GWICH'IN LAND AND WATER BOARD
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PRELIMINARY SCREENING REPORT FORM

PRELIMINARY SCREENER: GLWB (AlecSandra Macdonald) REFERENCE / FILE NUMBER: G16X006 TITLE: Gwich'in Park Campsite Improvement ORGANIZATION: GNWT ITI MEETING DATE: September 22 2016	EIRB REFERENCE NUMBER:
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NOTE: Amendment items on this preliminary screening form are shown in italics.

Type of Development:
 (CHECK ALL THAT APPLY)

- New
- Amend, EIRB Ref. #
- Requires permit, license or authorization
- Does not require permit, license or authorization

Project Summary

- This Project involves the construction of 8 campsites in Gwich'in Territorial Park. Sites will be selectively cleared, and granular material will be placed at each of the padsites. The applicant has requested a five year term.

Scope

- A) Excavation, removal, and hauling of granular material from existing quarries
- B) Placement of granular material to construct campsites

km 230 Quarry - Min Lat: 68 °10'24"N Min Long: 133 °25'24"W Max Lat: same Max Long: same
 km 235 Quarry - Min Lat: 68 °12'04"N Min Long: 133 °24'33"W Max Lat: same Max Long: same
 Gwich'in Park - Min Lat: 68 °12'12"N Min Long: 133 °26'00"W Max Lat: same Max Long: same

Principal Activities (related to scoping)

(CHECK ALL THAT APPLY)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Construction
<input type="checkbox"/> Installation
<input type="checkbox"/> Maintenance
<input checked="" type="checkbox"/> Expansion
<input type="checkbox"/> Operation
<input type="checkbox"/> Repair
<input type="checkbox"/> Water Intake
<input type="checkbox"/> Other: | <input type="checkbox"/> Exploration
<input type="checkbox"/> Industrial
<input checked="" type="checkbox"/> Recreation
<input type="checkbox"/> Municipal
<input checked="" type="checkbox"/> Quarry
<input type="checkbox"/> Linear / Corridor
<input type="checkbox"/> Sewage | <input type="checkbox"/> Decommissioning
<input type="checkbox"/> Abandonment
<input type="checkbox"/> Aerial
<input type="checkbox"/> Harvesting
<input type="checkbox"/> Camp
<input type="checkbox"/> Scientific/Research
<input type="checkbox"/> Solid Waste |
|---|--|---|

Principal Development Components (related to scoping)

- | | |
|---|---|
| <input type="checkbox"/> Access Road
<input checked="" type="checkbox"/> construction
<input type="checkbox"/> abandonment/removal
<input type="checkbox"/> modification e.g., widening, straightening
<input type="checkbox"/> Automobile, Aircraft or Vessel Movement
<input type="checkbox"/> Blasting
<input type="checkbox"/> Building
<input type="checkbox"/> Burning
<input type="checkbox"/> Burying
<input type="checkbox"/> Channeling
<input type="checkbox"/> Cut and Fill | <input type="checkbox"/> Waste Management
<input type="checkbox"/> Disposal of hazardous waste
<input type="checkbox"/> Waste generation
<input type="checkbox"/> Sewage
<input type="checkbox"/> Disposal of sewage
<input type="checkbox"/> Geoscientific Sampling
<input type="checkbox"/> trenching
<input type="checkbox"/> diamond drill
<input type="checkbox"/> borehole core sampling
<input type="checkbox"/> bulk soil sampling
<input checked="" type="checkbox"/> Gravel |
|---|---|

- Cutting of Trees or Removal of Vegetation
- Dams and Impoundments
 - construction
 - abandonment/removal
 - modification
- Ditch Construction
- Drainage Alteration
- Drilling other than Geoscientific
- Ecological Surveys
- Excavation
- Explosive Storage
- Fuel Storage
- Topsoil, Overburden or Soil
 - fill
 - disposal
 - removal
 - storage

- Hydrological Testing
- Site Restoration
- fertilization
- grubbing
- planting/seeding
- reforestation
- scarify
- spraying
- recontouring
- Slashing and removal of vegetation
- Soil Testing
- Stream Crossing/Bridging
- Tunneling/Underground
- Other (describe):

NTS Topographic Map Sheet Numbers: 107B2

Nearest Community and Water Body:
 Inuvik
 Campbell Lake

Land Status (consultation information)

- Private (GSA)
 Commissioner's Land
 Federal Crown Land
 Municipal Land

Transboundary Implications

- British Columbia
 Alberta
 Saskatchewan
 Yukon
 Nunavut
 Wood Buffalo National Park
 Inuvialuit Settlement Region

Type of Transboundary Implication:
 Impact / Effect
 Development

Public Concern _____
 (DESCRIBE)

PHYSICAL - CHEMICAL EFFECTS

IMPACT

1. Ground Water

- water table alteration
- water quality changes

- infiltration changes
- other
- N/A

MITIGATION

IMPACT

2. Surface Water

- flow or level changes
- water quality changes

- water quantity changes
- Drainage pattern changes
- temperature
- wetland changes / loss
- other:
- N/A

MITIGATION

Possibility of contamination from fuel during transport or refueling. No fuel will be stored on site. The applicant has submitted a Spill Contingency Plan outlining preventive measures and spill clean-up. Conditions 29-35 address mitigation related to fuel handling and spill prevention.

IMPACT

3. Noise

- noise in/near water
- other: noise increase

- N/A

MITIGATION

Noise may temporarily disturb wildlife, however the impact is expected to be minimal, localized, and over a short duration.

MITIGATION

IMPACT

4. Land

- geologic structure changes
- soil contamination

- buffer zone loss
- soil compaction & settling
- Destabilization / erosion
- permafrost regime alteration
- other:

-

N/A

Possibility of contamination from fuel during transport or refueling. No fuel will be stored on site. The applicant has submitted a Spill Contingency Plan outlining preventive measures and spill clean-up. Conditions 29-35 address mitigation related to fuel handling and spill prevention.

IMPACT
5. Non Renewable Natural Resources

MITIGATION

- resource depletion
- other:
- N/A

IMPACT
6. Air/Climate/ Atmosphere

MITIGATION

- Other
- N/A

BIOLOGICAL

ENVIRONMENT IMPACT
1. Vegetation

MITIGATION

- species composition
- species introduction
- toxin / heavy accumulation

- other:
- N/A

Localized vegetation clearing to take place

IMPACT
2. Wildlife & Fish

MITIGATION

- effects on rare, threatened or endangered species
- fish population changes
- waterfowl population changes

- breeding disturbance
- population reduction
- species diversity change
- health changes (Identify)

behavioural changes

Some species may avoid the area during operation. Conditions 40 and 41 outline mitigation methods for species of concern.

(Identify)

habitat changes / effects

game species effects

toxins / heavy metals

forestry changes

agricultural changes

other:

N/A

INTERACTING ENVIRONMENT

IMPACT

1. Habitat and Communities

MITIGATION

predator-prey

wildlife habitat / ecosystem
Composition changes

reduction / removal of keystone
or endangered
species

removal of wildlife corridor or
buffer zone

other:

N/A

IMPACT

2. Social and Economic

MITIGATION

planning / zoning changes or
conflicts

increase in urban facilities or
services use

rental house

airport operations / capacity
changes

human health hazard

impair the recreational use of water or aesthetic quality

affect water use for other purposes

affect other land use operations

quality of life changes

public concern

other:

N/A

IMPACT

3. Cultural and Heritage

effects to historic property

increased economic pressure on historic properties

change to or loss of historic resources

change to or loss of archaeological resources

increased pressure on archaeological sites

change to or loss of aesthetically important site

effects to aboriginal lifestyle

other:

N/A

Impacts to recreational users will be mitigated by performing construction activities only once the park has closed for the season. The proponent is to notify traditional land-users prior to commencement of activities.

MITIGATION

If any new cultural or heritage resource site is discovered during the project, work must cease and the Prince of Wales Northern Heritage Centre shall be contacted immediately. LUP Conditions 25-27 pertain to archaeological and heritage resources.

PRELIMINARY SCREENER / REFERRING BODY INFORMATION
(CHECK ALL THAT APPLY)

	RA or DRA	ADVICE	PERMIT REQUIRED
Environment Canada	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fisheries and Oceans	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Indian and Northern Affairs Canada	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Canadian Heritage (Parks Canada)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Natural Resources Canada	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Public Works and Gov't Services	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transport Canada	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Northern Oil and Gas Directorate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Canadian Nuclear Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Industry Canada	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Canadian Transportation Agency	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
National Defence	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GNWT – ENR	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GNWT - MACA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GNWT - Transportation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GNWT - Health	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GNWT – Lands	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Prince of Wales Heritage Center	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worker's Compensation Board	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MVEIRB	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MVLWB	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gwich'in Land and Water Board	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Gwich'in Land Use Planning Board	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gwich'in Renewable Resource Board	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gwich'in Social & Cultural Institute	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gwich'in Tribal Council	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gwichya Gwich'in Council	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gwichya Gwich'in Renewable Resources Council	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nihtat Gwich'in Council	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nihtat Gwich'in Renewable Resource Council	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Teet'it Gwich'in Council	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Teet'it Gwich'in Renewable Resource Council	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ehdiitat Gwich'in Council	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ehdiitat Renewable Resource Council	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hamlet of Aklavik	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hamlet of Fort Mcpherson	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Charter Community Of Tsiigehtchic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Town of Inuvik	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REASONS FOR DECISION
(LIST ALL REASONS AND SUPPORTING RATIONALES FOR PRELIMINARY SCREENING DECISION)

DECISION:

The Gwich'in Land and Water Board (The Board) is satisfied that the preliminary screening of application G16X006 by GNWT ITI for Quarrying and Campsite Expansion has been completed in accordance with Section 125 of the *Mackenzie Valley Resource Management Act*. The Board is satisfied that a reasonable period of notice was given to Communities and First Nations affected by the application as required by Subsection 63(2) of the *MVRMA* so that they could provide comments to the Board.

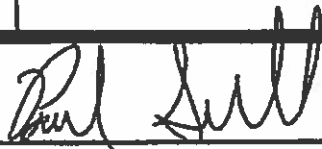
Having reviewed all relevant evidence on the Public Registry, including the submissions of the Applicant, the written comments received by the Board and any staff reports prepared for the Board, the Board has decided that in its opinion that:

- there is no likelihood that the proposed development might have a significant adverse impact on the environment; and
- there is no likelihood that the proposed development might be a cause of public concern.

The Board is also of the opinion that the application can proceed through the regulatory process and that any impacts of the development on the environment can be mitigated through the imposition of the terms and conditions in the attached Land Use Permit.

As a result, the Board, having due regard to the facts and circumstances, the merits of the submissions made to it, and to the purpose, scope and intent of the *Mackenzie Valley Resource Management Act* and the *Mackenzie Valley Land Use Regulations* has decided that this Land Use Permit be issued subject to the terms and conditions contained therein.

PRELIMINARY SCREENING DECISION	
<input checked="" type="checkbox"/>	Outside Local Government Boundaries
<input type="checkbox"/>	The development proposal might have a significant adverse impact on the environment, <i>refer it to the EIRB.</i>
<input checked="" type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>
<input type="checkbox"/>	The development proposal might have public concern, <i>refer it to the EIRB.</i>
<input checked="" type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>
<input type="checkbox"/>	Wholly within Local Government Boundaries
<input type="checkbox"/>	The development proposal is likely to have a significant adverse impact on air, water or renewable resources, <i>refer it to the EIRB.</i>
<input type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>
<input type="checkbox"/>	The development proposal might have public concern, <i>refer it to the EIRB.</i>
<input type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>



Chair, Gwich'in Land and Water Board

September 22, 2016

Date