

**PRELIMINARY SCREENING REPORT FORM**

<b>PRELIMINARY SCREENER: MVLWB</b> <b>REFERENCE / FILE</b> <b>NUMBER: MV2004W0041</b> <b>TITLE: Woods Operation, Fort Resolution</b> <b>ORGANIZATION: G &amp; G Wood Products</b> <b>MEETING DATE: December 16, 2004</b>	<b>EIRB</b> <b>REFERENCE</b> <b>NUMBER:</b>
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Type of Development:  
(CHECK ALL THAT APPLY)

- |                                     |   |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | New   |
| <input type="checkbox"/>            | Amend, EIRB Ref. #                                |
| <input checked="" type="checkbox"/> | Requires permit, license or authorization         |
| <input type="checkbox"/>            | Does not require permit, license or authorization |

**Project Summary**

G & G Wood Products has applied for a Land Use Permit to conduct a timber cutting operation south of Fort Resolution.

The project will include the construction of an access road to cut block 83C and the cutting and removal of timber. The timber will be hand-felled, skidded out using new and existing access trails, decked in the existing gravel pit next to Highway 6, and hauled to the mill located in Fort Resolution. A mobile trailer will be used as an office while the operation is active. The trailer will be located in the gravel pit, adjacent to the decking site. The road will be constructed during freeze up and will skirt around sensitive wetlands and treed areas to avoid compaction and removal of trees.

All fuel will be kept in tidy tanks or jerry cans in a pickup truck. 500 litres of diesel fuel, 48 litres of gasoline and 16 litres of oil will be on site.

The following pieces of equipment will be kept on site:

- 1 Skidder;
- 1 D6 Cat;
- 6 Chain Saws;
- 1 Pick-up Truck; and
- 1 Logging Truck.

All activities will take place within 61°00'N and 61°02'N, and 113°37'W and 113°42'W.

G & G Wood Products has applied for timber cutting permits for cut blocks 83C and 126H, and only 83C was approved, as it provides enough volume to meet G & G Wood Products' total authorized harvest volume of 5,000 cubic meters.

**Scope**

Conduct a woods operation located between Km 72 and 74 of Hwy #6, including the cutting and removal of timber and access to cut block 83C.

All activities will take place within 61°00'N and 61°02'N, and 113°37'W and 113°42'W.

**Principal Activities (related to scoping)**  
(CHECK ALL THAT APPLY)

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

**Principal Development Components (related to scoping)**

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

- 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

- 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**  
85 H/4

**Latitude / Longitude and UTM System:**  
61°00'N and 113°35'W by 61°04'N and 113°42'W

**Nearest Community and Water Body:**  
Fort Resolution and Great Slave Lake

**Land Status (consultation information)**

- Free Hold / Private
- Commissioners Land
- Federal Crown Land
- Municipal Land

**Transboundary Implications**

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

**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**

Proper fuel and waste handling and disposal should mitigate this concern. – Land Use Permit Conditions 37, 47 and 48.

**IMPACT**

**2. Surface Water**

- flow or level changes
- water quality changes
- water quantity changes
- Drainage pattern changes
- temperature
- wetland changes / loss
- other:

**MITIGATION**

Proper fuel and waste handling and disposal should mitigate this concern. – Land Use Permit Conditions 37, 47 and 48.

N/A

**IMPACT**

**3. Noise**

noise in/near water

other: noise increase

N/A

**MITIGATION**

No mitigation of intermittent noise from chainsaws and large equipment.

**IMPACT**

**4. Land**

geologic structure changes

soil contamination

buffer zone loss

soil compaction & settling

Destabilization / erosion

permafrost regime alteration

other: explosives/scarring

N/A

**MITIGATION**

Proper fuel and waste handling and disposal should mitigate this concern.

Maintaining a buffer of 60 metres from the highway should mitigate this impact – Land Use Permit Condition 21.

Limiting vehicle movements to periods when ground is frozen should mitigate this concern – Land Use Permit Conditions 27 to 29.

Timber will only be hand-felled. Limiting grades on all approaches to stream crossings and limiting vehicle movement to frozen ground periods should mitigate this concern.

**IMPACT**

**5. Non Renewable Natural Resources**

resource depletion

other:

N/A

**MITIGATION**

**IMPACT**

**6. Air/Climate/ Atmosphere**

Other

N/A

**MITIGATION**

**BIOLOGICAL ENVIRONMENT**

**IMPACT**

**1. Vegetation**

species composition

species introduction

toxin / heavy accumulation

other:

N/A

**MITIGATION**

In the short-term, vegetation removal will affect species composition; however, reforestation should mitigate this concern.

**IMPACT**

**2. Wildlife & Fish**

effects on rare, threatened or endangered species

**MITIGATION**

Species at risk that may be encountered in this area include Woodland Caribou and Wood Bison, both listed as Threatened under schedule 1 of the *Species at Risk Act*.

The proponent should be aware of their special status and minimize disturbance or contact with these species during operations – Land Use Permit Condition 35.

- fish population changes
- waterfowl population changes

breeding disturbance

Migratory birds may be nesting during the summer months. Limiting activities during the nesting period should mitigate this impact – Land Use Permit Conditions 35 and 36.

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

behavioural changes

Wildlife will likely avoid the area of activity during operations. Having the proponent minimize operations when large populations of game species are in the area of the operation should mitigate any impacts.

(Identify)

habitat changes / effects

The removal of vegetation will likely cause a disturbance to the habitat for some species. Proper restoration of lands will encourage re-growth of vegetation that will provide habitat for other species. Any disruption will be limited to the local area.

game species effects

toxins / heavy metals

forestry changes

The removal of vegetation will likely cause a disturbance to the habitat for some species. Proper restoration of lands will encourage re-growth of vegetation that will provide habitat for other species. Any disruption will be limited to the local area.

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

Approval of this permit would generate employment for the community.

**IMPACT**

**3. Cultural and Heritage**

**MITIGATION**

- 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

**NOTES:**

Consultation

- Pursuant to section 1.6 (a) and (b) of the Akaitcho Territory Dene First Nations (ATDFN) Interim Measures Agreement, the MVLWB determined that written notice was given to the ATDFN and that a reasonable period of time was allowed for ATDFN to make representations with respect to the application
- Pursuant to schedule 4.1 of the Northwest Territory Metis Nation (NWTMN) Interim Measures Agreement, the MVLWB determined that written notice was given to the NWTMN and that a reasonable period of time was allowed for NWTMN to make representations with respect to the application

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

	RA or DRA	ADVICE	PERMIT REQUIRED
<b><u>Federal/Territorial</u></b>			
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 type="checkbox"/>	<input type="checkbox"/>
National Energy Board	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Natural Resources Canada	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public Works and Gov't Services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transport Canada	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Northern Oil and Gas Directorate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Canadian Nuclear Safety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industry Canada	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Canadian Transportation Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National Defence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GNWT - RWED	<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"/>
Prince of Wales Heritage Center	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MVEIRB	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Aboriginal / First Nations</u></b>			
<b><u>Deh Cho</u></b>			
Deh Cho First Nations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liidlii Kue First Nation (Ft Simpson)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deh Gah Got'ie Dene Council (Ft Prov.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Acho Dene Koe First Nation (Fort Liard)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nahanni Butte First Nation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pehdzeh Ki First Nation (Wrigley)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TthedzehK'edeli First Nation (JMR)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ka'a'gee Tu First Nation (Kakisa)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sambaa K'e Dene Band (Trout Lake)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K'atlodeeche First Nation (Hay River)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
West Point First Nations (Hay River)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hamlet of Fort Providence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hamlet of Fort Liard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Village of Fort Simpson	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Town of Hay River	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enterprise Settlement Corporation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b><u>North Slave</u></b>			
Dogrib Treaty 11 Council	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dogrib Rae Band	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wha Ti First Nation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dechi Laot'I Council (Wekweti)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gameti First Nation (Rae Lakes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lutsel'k'e Dene First Nation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yellowknives Dene First Nation (Ndilo)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yellowknives Dene First Nation (Dettah)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rea-Edzo Metis Local #64	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
North Slave Metis Alliance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hamlet of Rae Edzo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Charter Community of Wha Ti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
City of Yellowknife	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b><u>South Slave</u></b>			
Fort Smith Metis Council	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Salt River First Nations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Smith Landng First Nation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Katlodeeche First Nation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
West Point First Nation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Northwest Territory Metis Nation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hay River Metis Council	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deninu Ku'e First Nations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fort Resolution Metis Council	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Deninu Ku'e Env. Working Committee	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Akaiicho Territory Government	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Town of Hay River	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deninoo Community Council	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Town of Fort Smith	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Enterprise Settlement Corporation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

**DECISION:**

The Mackenzie Valley Land and Water Board (The Board) is satisfied that the preliminary screening of application MV2004W0041, G & G Wood Products, Woods Operation 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"/>	<b>Outside Local Government Boundaries</b>
<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"/>	<b>Wholly within Local Government Boundaries</b>
<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>

Preliminary Screening Organization

Mackenzie Valley Land and Water Board

December 16, 2004

Signatures