



Mark Cliffe-Phillips  
C/O Patricia Magrum  
Wek'eezhii Land and Water Board  
Box 32, Wekweeti, NT XOE 1W0  
Telephone: 867-713-2500  
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Wek'eezhii Land  
& Water Board

File \_\_\_\_\_

DEC 05 2011

Application # W2011F0006  
Copied To Wek

Dear Mr. Cliffe Phillips:

Land Use Permit needed to form part of the Wekweeti Bridge Project (Water Licence W2011L8-001)

The Tlicho Community of Wekweeti has obtained a water licence for the purpose of building a Bridge over the Snare Lake Narrows to access a community heritage site (burial ground). The plans are to begin operations associated with this undertaking in March of 2012. Since the initial water licence application the community has consulted with its prospective contractor. A few additional pieces of equipment will have to be added to the project description. Among the additional equipment needed is a drill for drilling pilot holes prior to driving piles into place with a pile driver. The drill can be suspended from equipment currently listed in the water licence project description so a complete description of the ancillary equipment is inconsequential. Secondly, a large deck truck will be required to move sections of the bridge onto the ice road (over the snare lake narrows). This too does not require a change in scope, project planning or operations. The addition of the truck will make things safer and possibly less time consuming.

After some consultation with various parties and the advice of our potential contractor and regulatory authorities, it has come to our attention that a Type A Land Use Permit is required to accommodate the addition of a drill over 500kgs and equipment weighing in excess of 20 tons travelling over Crown land.



Bear in mind that the boundaries of the community could not be firmly established and; as a result the Community of Wekweeti is applying with the aforementioned rationale as a precaution to avoid potential regulatory issues during the construction phase of the project.

We would request that the WLWB consider referring potential application reviewers to the public registry where they will find a thorough project description of the Wekweeti Bridge Project through the Water Licence W2001L8-001 review process records. Please accept our application for a Land Use Permit to form part of the Wekweeti Bridge Project.

Sincerely,

Grace Angel

SAO, Community Government  
of Wekweeti



Box 32, Wekweèti, NT X0E 1W0  
Tel: 867-713-2500 Fax: 867-713-2502  
(Main Office)

#1-4905 48<sup>th</sup> Street, Yellowknife, NT X1A 3S3  
Tel: 867-765-4592 Fax: 867-765-4593  
(BHPB & Diavik)

**Application for:**

New Land Use Permit

Amendment

to \_\_\_\_\_

1. Applicant's name and mailing address: <b>Grace Angel</b> <b>Senior Administrative Officer</b> <b>Tlicho Community Government or Wekweeti</b> <b>P.O. Box 69</b> <b>X0E 1W0</b>	Fax number: 867-713-2030
2. Head office address: <i>Same as above</i>  Field supervisor: N/A Radiotelephone: N/A	Telephone number: 867-713-2010
3. Other personnel (subcontractor, contractors, company staff etc.)  <b>Yet to be determined</b>  TOTAL: <b>10 max (estimated)</b> (Number of persons on site)	Fax number: <i>Same as above</i>  Telephone number: <i>Same as above</i>
4. Eligibility: (Refer to section 18 of the <i>Mackenzie Valley Land Use Regulations</i> )  a)(i) <input checked="" type="checkbox"/> a)(ii) <input type="checkbox"/> a)(iii) <input type="checkbox"/> b)(i) <input type="checkbox"/> b)(ii) <input type="checkbox"/>	
5. a) Summary of operation (Describe purpose, nature and location of all activities.)  <b><i>The installation of a pre-fabricated bridge (narrows crossing) near the settlement of Wekweeti NWT. The bridge will cross the Snare River Narrows that connects the Upper portion of Snare Lake with the lower portion. The bridge will be transported to the construction site via ice bridge (by Tractor Trailer*) and placed into position by lifting sections from the truck with a crane, sliding it over compacted snow and fixing it onto set pilings (pilot holes predrilled*). The jurisdictional boundaries are not clear, ultimately the bridge may or may not cross in and out of local government. Therefore the requirement for a land use permit stems from section 5(b)(i) of the Mackenzie Valley land Use Regulations where the board has jurisdiction in either circumstance .</i></b>  <b><i>*The recent addition of a drill to place pilot holes within the OHWM necessitates the acquisition of a Class A permit. A large truck with trailer is also a new addition with regard to the use of equipment type. The truck will carry the bridge platforms to the construction site where they will be offloaded with a 20 ton crane</i></b>  b) Please indicate if a camp is to be set up. (Please provide details on a separate page, if necessary.)  <b><i>A camp is not anticipated to be set up at this time. All work will proceed directly out of the Community of Wekweeti.</i></b>	

6. Summary of potential environmental and resource impacts (describe the effects of the proposed land-use operation on land, water, flora & fauna and related socio-economic impacts). Use separate page if necessary.

*The construction will take place from a community road (already established) where the ground has been cleared and graveled (all weather road). The land and water will be protected by using an ice road to transport the bridge into position. The ice bridge will also stabilize piles during the pile driving process. There should be sufficient measures in the newly acquired water license (W2011L8-001) to ensure environmental impacts are mitigated. This project is being undertaken by the Community member of Wekweeti and letters of recommendation have been received by chief and council. The perceived effects on the water, flora and fauna are expected to be negligible and the socio-economic impact will be positive. An Environmental Information Report was included in the W2011L8-001 application.*

*Please refer to water license W2011L8-001 for the complete Project Description, EIS and Spill Contingency Plan*

7. Proposed restoration plan (please use a separate page if necessary).

*The only restoration required during this exercise will be the scraping and removing of rock fragments left on the snow's surface as a result of the pile driving and pilot hole drilling action. The remnant rock chips will be scraped up and deposited into the gravel pit located a few kilometers away from the narrows (reducing the potential for even the minor chance of sedimentation.)*

8. Other rights, licences or permits related to this permit application (mineral rights, timber permits, water licences, etc.)

*Water license (W2011L8-001) was issued August 5, 2011.*

Roads: *No, existing road to bridge area is already in-place* Is this to be a pioneered road? Has the route been laid out or ground truthed? *Yes, the area has been extensively developed (within community boundaries)*

9. Proposed disposal methods.

To complete this section of the application form, a Waste Management Plan for the proposed activities is to be developed in accordance with the Board's *Guidelines for Developing a Waste Management Plan* (accessible at [www.mvlwb.com](http://www.mvlwb.com)) and submitted as an attachment to the application form. A template for this Plan is provided in the *Guidelines*. *All wastes will be routed to the community landfill which is along the same road as the bridge project. Much of the route is close to Snare Lake and as such the Community Landfill becomes a direct recipient of any wastes generated (waste rock, litter). As part of the project, litter barrels and spills kits will be on site to receive wastes, then they will be delivered directly to land fill and land farm.*

a) Garbage: *Garbage will be disposed of with the community land fill* c) Brush & trees: *Only a minor number of trees are expected to be removed on the end of the bridge approaches. Salvageable trees will be set aside as firewood, brush will be crushed and removed to edge of the roadway forming part of the windrow away (>100m) from the OHWM.*

b) Sewage (Sanitary & Grey Water): *Sewage will be disposed of in the community sewage lagoon (if a portable toilet is used, but one is not anticipated)* d) Overburden (Organic soils, waste material, etc.): *Overburden and waste soils (soils not intended for use) will not be removed during this project, disturbing surface soils may destroy the active layer causing slumping near the river.*

10. Equipment (includes drills, pumps, etc.) (Please use separate page if necessary.)

Type & number *Single enclosed system drill – no lubricating fluids* Size *> 1200 LBS* Proposed use: *Pilot hole drilling*

<b>Two Excavators; Two Dump Trucks Grader; Two Compactors</b>	Case 420E IT; GMC 5500GS Volvo G710B; ETVC-800	Piling snow, dumping clean snow at ice snow fill site, constructing ice bridge
<b>One Crane; Two Front End Loader One Pile Drilling/ Drilling Rig</b>	20 Ton Crane; CAT IT38G 20 ton Pile Hammer	Lifting bridge decking into place; loading clean snow into dump trucks;
<b>One Bull Dozer; One Drum Roller</b>	CAT D6H; 2 ton drum roller	Pushing snow into ice bridge; Compacting snow

11. Fuels	( )	Number of containers	Capacity of containers	Location				
Diesel	N/A	Refueling to take place away from construction site, and away from surface waters.	N/A	N/A				
Gasoline	N/A	Refueling to take place away from construction site, and away from surface waters.	N/A	N/A				
Aviation fuel	N/A	N/A	N/A	N/A				
Propane	N/A	N/A	N/A	N/A				
Other	N/A	Welding torches to be stored away from water in DOT lockable Sea Cans next to fire station town	N/A	N/A				
<p>12. Containment fuel spill contingency plans.</p> <p>A spill contingency plan for the proposed activities is to be developed in accordance with INAC's <i>Guidelines for Spill Contingency Planning, April 2007</i> (accessible at <a href="http://www.ainc-inac.gc.ca/ai/scr/nt/pdf/SCP-EUD-eng.pdf">http://www.ainc-inac.gc.ca/ai/scr/nt/pdf/SCP-EUD-eng.pdf</a>). This plan is to be submitted as an attachment to the application form. <b><i>A spill contingency plan was submitted with the Water license (W2011L8-001) application which was approved as part of this operation. For consistency, the same plan is hereby attached to the Land Use Application.</i></b></p>								
<p>13. Methods of fuel transfer (to other tanks, vehicles, etc.)</p> <p><b><i>Fuel transfer methods will include filling up at facilities in Wekweeti, the use of mobile (tidy tanks) and hand fuel transfer (Gerry cans for small brush harvesting equipment). All fuel transfers will take place &gt;100m away from the ordinary high water mark.</i></b></p>								
<p>14. Period of operation (includes time to cover all phases of project work applied for, including restoration)</p> <p><b><i>The time period that the Land Use Permit will need to be in-place is between February 1<sup>st</sup> 2012 – June 30<sup>th</sup> 2012. However, the applicant is requesting a five year permit for five year to insulate against unforeseen circumstances (funding/ operational).</i></b></p>								
<p>15. Period of permit (up to five years, with maximum of two years of extension). <b><i>Five Years</i></b></p>								
<p>16. Location of activities by map co-ordinates (attached maps and sketches) <b><i>Satellite Image/Sketch attached</i></b></p> <table border="1"> <tr> <td>Minimum latitude (degrees,, minutes, seconds) <b><i>64° 11' 50.60" N</i></b></td> <td>Maximum latitude (degrees, minutes, seconds) <b><i>64° 11' 55.14" N</i></b></td> </tr> <tr> <td>Minimum longitude (degrees, minutes, seconds) <b><i>114° 14' 20.12" W</i></b></td> <td>Maximum longitude (degrees, minutes, seconds) <b><i>114° 14' 26.87" W</i></b></td> </tr> </table> <p>NAD <b><u>(83)</u></b> Map Sheet no. <b><i>WEKWEETI (SNARE LAKE) QUAD 086B</i></b></p>					Minimum latitude (degrees,, minutes, seconds) <b><i>64° 11' 50.60" N</i></b>	Maximum latitude (degrees, minutes, seconds) <b><i>64° 11' 55.14" N</i></b>	Minimum longitude (degrees, minutes, seconds) <b><i>114° 14' 20.12" W</i></b>	Maximum longitude (degrees, minutes, seconds) <b><i>114° 14' 26.87" W</i></b>
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<p>17. Applicant Print name in full: <b><i>Grace Angel</i></b></p> <p style="text-align: center;">Signature <b>X</b> <span style="float: right;">Date <b>November 29, 2011</b></span></p>								
<p>18. Fees <b>Type A - \$150.00 **</b> <span style="float: right;"><b>Type B - \$150.00 ** (**Application Fees are Non-Refundable**)</b></span></p> <p>Land use fee: <u>0.3325</u> hectares @ \$50.00/hectare <span style="float: right;">\$ _____ \$ _____</span></p> <p style="text-align: right;">Assignment fee \$50.00 <span style="float: right;">\$ <u>N/A</u></span></p>								

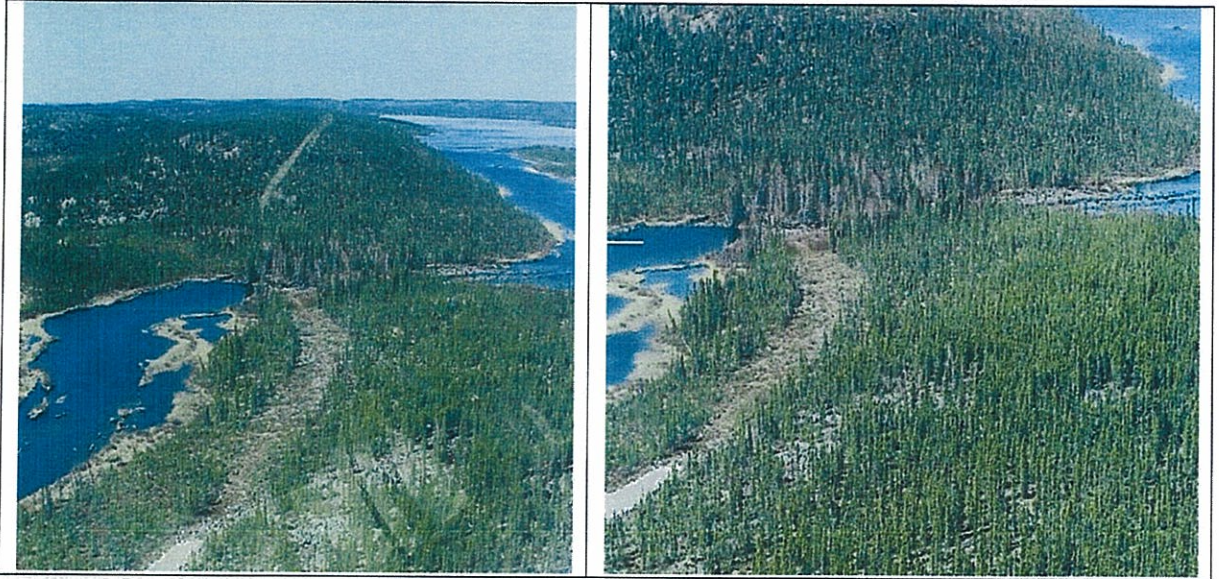
Total application and land use fees \$ \$150.00

***Please make all cheques payable to "Receiver General of Canada"***

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**Section 9.0 Snare Narrows Site Images**

9.1 Attached for reference are two images of the community road's approach to the narrows, and form the footprint covered under this SCP.





## Tlichho Community Government of WEKWEÈTÌ

Tel: (867) 713-2010 • Fax: (867) 713-2030 • Box 69, Wekweèti, NT X0E 1W0

November 22, 2011

Wekeezhii Land and Water Board  
Box 32  
Wekweeti, NT X0E 1W0

Dear Board Members,

Re: Wekweeti Bridge Project

This is to acknowledge support of the Community of Wekweeti for the proposed bridge construction from the Community to the Recreational Campground.

The Community has ever since expressed our interest in building a bridge to the recreational area and any assistance that can be provided is greatly appreciated.

I welcome any suggestions in making this dream a reality for the community residents.

Sincerely,

Chief Charlie Football  
Tlichho Community Government of Wekweeti