

P.O. Box 2018
Inuvik, NT X0E-0T0
Tel: (867) 777-4954
Fax: (867) 777-2616

Gwich'in Land and Water Board

SCHEDULE II

(Subsection 19(2) of Mackenzie Valley Land Use Regulations)

INFORMATION IN SUPPORT OF AN APPLICATION FOR A LAND USE PERMIT



New Application (Tsiigehtchic Passive Tower)



Amendment

1. Applicant's name and mailing address

NorthwesTel Inc.
301 Lambert St.
Whitehorse YT Y1A-4Y4

Fax no.

(867) 668-6285

2. Head office address

NorthwesTel Inc.
301 Lambert St.
Whitehorse YT Y1A-4Y4

Field supervisor

Glenn Bushell
Manager, Contracts and Support
NWTel Inc.

Radio telephone no.

Sat Phone: (403) 977-4567

Telephone no.

(867) 668-5385

Fax no.

(867) 668-6285

3. Other personnel (subcontractor, contractors, company, staff, etc.)

Total number of persons on site:

Tower firm = 5 people.

Antenna Crew = 4 people.

Engineering Geotechnical = 4 people (EBA)

The maximum number of personnel onsite at any one time would be 5 personnel.

4. Eligibility

(Refer to section 18 if the Mackenzie Valley Land Use Regulations.)

(a) (i)

(a) (ii)

(a) (iii)

(b) (i)

(b) (ii)

5. a) Summary of operation (describe purpose, nature and location of all activities)

(Refer to paragraph 19 (3) (b) of the Mackenzie Valley Land Use Regulations.)

The purpose of constructing a microwave tower in the Tsiigehtchic municipality is to provide a more reliable and modern public telecommunications system to the Gwich'in Settlement Area.

The proposed location for the Tsiigehtchic tower is 67° 26' 55" N and 133° 42' 0.52" W. Existing cutlines and an access trail will be used to access the site from the community of Tsiigehtchic. The total footprint including the access trail is 0.15 hectares. The required size of the lease is 0.063 hectares (25 m x 25 m).

The project would consist of establishment of access to the tower site, a geotechnical investigation and erection of a 24.0 metre tower. For complete details of operations please refer to section 1.4 in the supporting document.

b) Indicate if a camp is to be set up (Provide details on a separate page, if necessary.)

No camp will be required.

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

Please refer to Section 4. of the supporting document.

7. Proposed restoration plans (Use separate page if necessary).

All site facilities are to be constructed in such a manner that all facilities can be removed at the end of the expected life of the project. Building and tower foundations are to be pilings so these can be cut off below ground level in the dismantling phase.

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

Transport Canada Approval under General Operating and Flight Rules Standards (Transport Canada)
Crown Lease Application to Municipal and Community Affairs (MACA) on behalf of the Department of Indian Affairs and Northern Development (DIAND)
Burn permit (Department of Resources, Wildlife and Economic Development, GNWT)

Roads:

Is this to be a pioneered road? No

Has the route been laid out or ground truthed?
(Provide details on a separate page.)

Access to the site will be from the community of Tsiigehtchic. There is an existing lagoon road and snowmobile trail/push trail to within 180-m of the proposed site. A temporary 5 m wide by 180m long access from the existing push trail to the tower site will be brushed for equipment to access the tower site. No gravel will be needed for access construction. This temporary access will be used to mobilize drill equipment to the site. All materials for the construction of the tower will be helicopter lifted to site. Helicopter will also be used to access the site during the operational phase. Refer to Figure II-1 (Appendix II), in the supporting documentation for the profile.

9. Proposed disposal methods

a) Garbage:

Hauled off site and deposited in the municipal sanitary landfill site in Tsiigehtchic. No garbage will be generated during operation.

b) Sewage (sanitary and grey water):

Portable units are to be set up on site for the construction period. No grey water will be generated during construction. No sewage or grey water generated during operation.

c) Brush and trees:

Burn or salvage larger trees. Clearing to occur in winter to minimize disruption of overburden layer. Brush and trees will be cut by hand.

d) Over burden (organic soils, waste material, etc.):

Geotextile to be used to minimize disruption and overburden. In areas where stripped, use as resloping material and recontour side slopes and site pad area.

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

Track machine – 12,000 pounds. Foundation air track machine for pile installation.
Helicopter -. Tower and antenna supply/installation.

3 ¾ Tonne Pickups – 5,500 pounds/unit – Daily crew access
 Drill Unit: Track machine – 7,500 pounds – Engineering design and geotechnical investigation.

Type and Number			Size	Proposed Use
11. Fuels		No. of Containers	Capacity of Containers	Location

**12. Containment fuel spill contingency plans.
 (Attach separate contingency plan if necessary.)**

Contract will be awarded in June 2003 for construction. A spill contingency plan for the construction phase will be a requirement of the successful bidder. There will be no fuel stored on site during operation.

13. Methods of fuel transfer (to other tanks, vehicles, etc.)

N/A

14. Period of operation (includes time to cover all phases of project work applied for, including restoration.)

2003 onwards. Application for a lease has been made to Municipal and Community Affairs. Intend to renew lease upon expiry.

15. Period of permit (up to five years, with maximum of two years of extension)

Start Date: 2003

Completion Date: 2008

16. Location of activities by map co-ordinates (attach maps and sketches)

Appendix I in supporting documentation shows location in topographical format.

Minimum latitude (degree, minute)

67-26-55N

Maximum latitude (degree, minute)

67-26-55N

Minimum longitude (degree, minute)

133-32-0.52W

Maximum longitude (degree, minute)

133-32-0.52W

Map sheet no.

106 N/5 (1:50 000)

17. Applicant **Glenn Bushell**
(Print name in full)

Signature Glenn Bushell

Date April 4/2003

18. Fees



Type A - \$150.00



Type B - \$150.00

Land Use Fees: \$150.00

0 Hectares @ \$50.00/hectare = \$0.00

Assignment Fee: \$0.00

Total = \$150.00