northern health

Public Health Protection
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September 15, 2005

Ministry of Environment
400-640 Borland Street
Williams Lake
BC V2G 4T1

RECEIVED
SEP 23 2005
MINISTRY OF ENVIRONMENT
WILLIAMS LAKE, BRITISH COLUMBIA

Attention: Murray Carruthers, Recreation Section Head

Re: Waters Supply System Construction Permit No. 18-W219
Bowron Lake Provincial Park – New Well and Water System

Please find enclosed the captioned Water Supply System Construction Permit issued under Section 7 of the Drinking Water Protection Act and Section 6 of the Drinking Water Protection Regulation, Province of British Columbia, authorizing construction of the proposed New Well and Water System at the Bowron Lake Provincial Park.

This permit is issued subject to the following terms:

Design Amendments and Conditions

1. A minimum residue Free Chlorine of 0.2 mg/L is maintained in the distribution system;
2. Treated water is monitored for residual chlorine and turbidity daily;
3. Treated water shall have a turbidity of less than 1 NTU. If monitoring indicates that the standard cannot be consistently achieved, additional treatment may be required;
4. Both wells on north side of the parking lot will be decommissioned in accordance with the Code of Practice in the Groundwater Protection Regulation;
5. Treated water samples will be analyzed for BTEX and Petroleum Hydrocarbons annually.

Design Deviations

This permit applies specifically to the works as here-in approved. Any subsequent changes to the design require the submission of amended drawings to the Regional Public Health Engineer and approval before installation of the amended works.

Disinfection

It is the responsibility of the water supplier to ensure that, following completion of construction or repair, all new works are adequately flushed and disinfected in accordance with the appropriate AWWA standard or equivalent. After disinfection, the water must be tested for bacteriological quality by a lab accredited by the BC Ministry of Health Services and satisfactory results obtained before the works are placed in service. A copy of the final test results is to be sent to Mr. Bruce Gaunt, the Northern Health Authority's Drinking water Leader of your area.

Yours truly

Michael Wu, P. Eng.
Regional Public Health Engineer

cc: John Lord, 104, 2nd Avenue North, Williams Lake, BC V2G 1Z6.
Bruce Gaunt, DWL/NI

ND LEA
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TRANSMISSION

To:	BC Parks	Copy:	Fax №:
	Murray Carruthers Recreation Section Head		
Fax №:	398.4214		
From:	Geoff	№ of Pages:	2 Including this page
Date:	September 20, 2005	File / Charge №:	82101.002
Reference:	Letter from Northern Health – Water Supply System Construction Permit #18-W219		

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