

July 10, 2009

Mackenzie Valley Land and Water Board
P.O. Box 2130
Yellowknife, NT
X1A 2P6

Attn: Valerie Meeres, Regulatory Officer

Dear Ms. Meeres:

City of Yellowknife Water Licence Renewal Application - Licence N1L3-0032

Enclosed is the City of Yellowknife's (the "City") application for renewal of its Water Licence. The current licence expires May 30, 2010. A cheque to cover the application fee of \$30.00 is also included.

The City has had an excellent record over the past seven years of our Water Licence, and has matured in its water supply, sewage and solid waste management.

This is the second renewal for the City's Water Licence. As with the previous renewal, the City is forwarding copies of a Supplementary Report which has been prepared for the Board's use. The report fully describes our water and sanitation systems complete with history, current status, and future projections and expansions. Maps and schematics are provided. The report outlines a number of significant capital and operational improvements made over recent years and summarizes relevant technical reports.

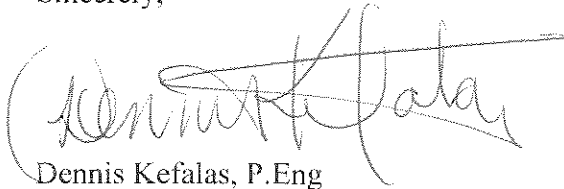
Included is a CD which forms part of the Supplementary Report and contains electronic versions of all documents, including selected technical reports. The latest versions of the City's Spill Contingency Plan, Landfill Operations and Maintenance Manual and Stormwater Management Plan (SWMP) are also on the CD. The SWMP is a working document which the City will be updating once the 2009 sampling program has been completed. It is anticipated that a revised SWMP will be submitted by the end of November 2009.

The City is suggesting changes to the licence, each of which is outlined in the enclosed Supplementary Report, Section 1. The most significant change being a 15 year licence commencing May 31, 2010 and expiring May 30, 2025. Under part G of the current Water Licence, Conditions Applying to Modifications, the Board has an opportunity to remain closely involved with any and all modifications to the water

supply and waste disposal facilities undertaken by the City throughout the term of the Water Licence. Similar conditions would be expected in the renewed licence.

I trust you will find the above, and the enclosed application and Supplementary Report satisfactory and look forward to discussing our licence renewal with you.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis Kefalas". The signature is written in a cursive style with a large initial "D" and "K".

Dennis Kefalas, P.Eng
Director, Public Works & Engineering

Encl:

Public Consultation Summary
Renewal Application (10 copies)
Municipal Questionnaire (10 copies)
Supplementary Report (10 copies)
Supplementary Report CD (2 copies - includes electronic copies of all documents)

City of Yellowknife Water Licence Renewal Application Public Consultation Summary

Contact	Organization/Community	Address	Phone #
Lands Manager	Dene Nation	P.O. Box 2338, 5125-50 Street, Yellowknife, X1A 2P7	867-873-4081
April 9, 2009 - Renewal Application sent out			
June 1, 2009 - Additional information sent out. Deadline for comments extended.			
John Carter, CEO	Yellowknives Dene First Nation Dettah & Ndilo	P.O. Box 2514, Yellowknife, X1A 2P8	867-873-4307
Todd Slack		tslack@ykdene.com	867-766-3496
April 9, 2009 - Renewal Application sent out			
May 6, 2009 - Call from Todd Slack requesting additional documents. Documents made available.			
June 1, 2009 - Additional information sent out. Deadline for comments extended.			
June 2, 2009 - Copy of additional info emailed to Todd Slack.			
June 10, 2009 - Email received from Todd Slack requesting clarification of new ammonia criteria.			
June 12, 2009 - Response to questions from Todd Slack sent out.			
Sheryl Grieves, Manager of Environment, Lands and Resources	North Slave Metis Alliance/ Rae-Edzo Metis Local #64	P.O. Box 2301, Yellowknife, X1A 2P7	867-873-6762
April 9, 2009 - Renewal Application sent out			
June 1, 2009 - Additional information sent out. Deadline for comments extended.			
Sharon Ven, Akaicho Treaty & Tribal Corporation	Akaitcho Pre-Screening Board	P.O. Box 1768, 2nd Floor, Detoncho Bldg, Ndilo, X1A 2P3	867-873-9282
April 9, 2009 - Renewal Application sent out			
June 1, 2009 - Additional information sent out. Deadline for comments extended.			
Chris Haron	Northwest Territory Metis Nation	P.O. Box 720, Fort Smith, X0E 0P0	867-872-6866
April 9, 2009 - Renewal Application sent out			
June 1, 2009 - Additional information sent out. Deadline for comments extended.			
Lands Protection	Tlicho Lands Protection - Environment	P.O. Box 412, Bechoko, X0E 0Y0	867-392-6381
April 9, 2009 - Renewal Application sent out			
June 1, 2009 - Additional information sent out. Deadline for comments extended.			



Mackenzie Valley Land and Water Board
7th Floor - 4910 50th Avenue
P.O. Box 2130
YELLOWKNIFE NT X1A 2P6
Phone (867) 669-0506
FAX (867) 873-6610

APPLICATION FOR A NEW WATER LICENCE, AMENDMENT OF LICENCE, OR RENEWAL OF LICENCE.

Application/Licence No: N1L3-0032
 (amendment or renewal only)

<p>1. Name and Mailing Address of Applicant</p> <p>The Municipal Corporation of the City of Yellowknife P.O. Box 580, 4807-52nd Street Yellowknife, NT, X1A 2N4</p> <p>Telephone: <u>(867) 920-5600</u></p> <p>Fax: <u>(867) 920-5668</u></p>	<p>2. Address of Head Office in Canada if Incorporate</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Telephone: _____</p> <p>Fax: _____</p>
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3. Location of Undertaking (describe and attach a map, indicating watercourses and location of any proposed waste deposits).

Latitude 62°28'N Longitude 114°26'W

The City of Yellowknife, Northwest Territories, see attached plans

4. Description of Undertaking (describe and attach plans)

Water use and waste disposal, see attached plans.

5. Type of Undertaking.

- | | |
|-----------------------------|------------------------|
| 1. Industrial _____ | 5. Agriculture _____ |
| 2. Mining and Milling _____ | 6. Conservation _____ |
| 3. Municipal <u>x</u> _____ | 7. Recreation _____ |
| 4. Power _____ | 8. Miscellaneous _____ |

6. Water Use

- | | |
|--|--|
| To obtain water <u>x</u> _____ | Flood control _____ |
| To cross a watercourse _____ | To divert water _____ |
| To modify the bed or bank of a watercourse _____ | To alter the flow of, or store water _____ |

Other (describe): _____

7. Quantity of water involved (litres per second, litres per day or cubic meter per year), including both quantity to be used and quality to be returned to source.

Approximate water use was 2,792,500 cubic meters in 2008. This quantity will increase

over the term of the Licence to an estimated quantity of 3,631,000 cubic meters in 2025.

8. Waste deposited (quantity, quality, treatment and disposal)

Same quantity as water used. Treatment is through long detention natural lake/lagoon system and further wetland treatment to Great Slave Lake.

9. Other persons or properties affected by this Undertaking (give name, mailing address and location). Attach a list if necessary.

Refer to attached list.

10. Predicted environmental impacts of Undertaking and proposed mitigation.

11. Contractors and sub-contractors (names, addresses and functions). Attach a list if necessary.

Refer to attached list.

12. Studies undertaken to date. Attach a list if necessary.

List of studies – see attached Supplementary Report Section 9

13. Proposed time schedule.

Start date: May 31, 2010

Completion date: May 30, 2025

Name (print): Dennis Kefalas Signature: _____

Title (print): Director, Public Works & Engineering Date: _____

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

FOR OFFICE USE ONLY

Application Fee Amount: \$ _____ Receipt No: _____

Water Use Deposit Amount: \$ _____ Receipt No: _____

List of Persons Affected by City of Yellowknife Water Licence Renewal

1. Dene Nation

Lands Manager
PO Box 2338
5125 50 St.
Yellowknife, NT
X1A 2P7
Ph: (867) 873-4081

2. Yellowknives Dene First Nation – Dettah and Ndilo

John Carter, CEO
PO Box 2514
Yellowknife, NT
X1A 2P8
Ph: (867) 873-4307

3. North Slave Metis Alliance

Sheryl Grieves, Manager of Environment, Lands and Resources
PO Box 2301
Yellowknife, NT
X1A 2P7
Ph: (867) 873-6762

4. Akaitcho Pre-Screening Board

Sharon Ven, Akaitcho Treaty 8 Tribal Corporation
PO Box 1768
2nd Floor, Detoncho Building
901 Sikyea Tili
Ndilo, NT
X1A 2P3
Ph: (867) 873-9282

5. Northwest Territory Metis Nation

Chris Haron
PO Box 720
Fort Smith, NT
X0E 0P0
Ph: (867) 872-6866

6. Northwest Territory Metis Nation

Chris Haron
PO Box 720
Fort Smith, NT
X0E 0P0
Ph: (867) 872-6866

7. Tlicho Lands Protection Environment

Lands Protection
PO Box 412
Behchoko, NT
X0E 0Y0
Ph: (867) 392-6381

8. Rae-Edzo Metis Local #64

Sheryl Grieves, Manager of Environment, Lands and Resources
PO Box 2301
Yellowknife, NT
X1A 2P7
Ph: (867) 873-6762

9. Lutselk'e Dene First Nation

Ph: (867) 370-3151

List of City of Yellowknife Engineering Consultants and Contractors

1. **FSC Architects & Engineers Inc.**
4910 - 53rd Street
P.O. Box 1777
Yellowknife, NT
X1A 2P4
Phone: (867) 920-2882
Fax: (867) 920-4319
2. **Dillon Consulting Ltd.**
4920 47th Street, Suite 303
P.O. Box 1409
Yellowknife, NT
X1A 2P1
Phone: (867) 920-4555
Fax: (867) 873-3328
3. **AECOM Canada Ltd.**
(Formerly Earth Tech)
4916 47th Street, Floor 3
GoGa Cho Building
(PO Box 1259)
Yellowknife, NT
X1A 2N9
Phone: (867) 873-6316
Fax: (867) 873-6407
4. **NWT Construction Ltd.**
135 Kam Lake Road
PO Box 2949
Yellowknife, NT
X1A 2R2
Phone: (867) 920-4844
Fax: (867) 873-8776
5. **RTL Robinson Enterprises Ltd.**
350 Old Airport Road
PO Box 1807
Yellowknife, NT
X1A 2P4
Phone: (867) 873-6271
Fax: (867) 920-2661
6. **Ace Enterprises Ltd**
151 Enterprise Dr
PO Box 724
Yellowknife, NT
X1A 2N5
Phone: (867) 920-2082
Fax: (867) 873-6572