

PART A - GENERAL CONDITIONSDefinitions

1.
 - a) "Act" means *Waters Act* and any amendments thereto.
 - b) "Application" means Water Use Application MN06-070, including any additional submissions and/or revisions, submitted to the Board by the Licensee, up to the date of the Board's decision.
 - c) "Board" means the Yukon Water Board.
 - d) "Inspector" means any person designated as an inspector under the Act.
 - e) "Regulation" means the *Waters Regulation* made under the Act.
 - f) "Waste" means any substance as defined in the Act.
 - g) "Watercourse" means any stream, lake, pond, river, creek, spring, ravine, or swamp whether ordinarily containing water or not.

Representations, Warranties and Undertakings

2. In this licence, the Board has relied on the representations, warranties and undertakings provided by the applicant in the material filed in the Application.

Other Laws

3. No condition of this licence limits the application of any other federal, territorial, first nation or municipal legislation.

Monthly Reports

4. The Licensee shall submit to the board, monthly reports that provide an update on the progress of designs and schedule for a new wastewater treatment facility.
5. Records shall be maintained of all water use, including at a minimum but not necessarily limited to, the quantity of water obtained measured in cubic metres per day, the date water was obtained and a description of the visible impacts that the withdrawal of water from the well has on the water level of the Eagle River. The Licensee shall provide the records to the Board as part of a monthly report.

Annual Reports

6. On or before the anniversary of the date of issuance of this licence, and for each year during which this licence is in effect, the Licensee shall submit an annual report to the Board. The report shall include the information required by the *Regulation* including, but not necessarily limited to:
 - a) copies of all orders, directions and correspondence relating to drinking water sampling or analysis from the Medical Health Officer or from a Health Officer,
 - b) the results of all analyses required by the monitoring program,
 - c) the results of the sampling from stations EP-1, EP-2 and EP-3, and
 - d) the inspection results, including photographs, repairs or plans for modification, required by the physical monitoring program.

Reports

7. Unless otherwise specified in this licence, all reports shall be submitted to the Board in an unbound form that is reproducible by standard photocopier and shall be accompanied by five (5) copies.
8. All reports shall be submitted in digital form on computer diskette using an IBM compatible format that is readable using commonly available software.

Correspondence

9. Where any direction, notice, order, or report under this licence is required to be in writing, it shall be given:
 - a) to the Licensee, if delivered, faxed or mailed by registered mail to the following address:

McNevin Management Ltd.
705-601 Spadina Cres.
Saskatoon, SK S7K 3G8
Fax: 306-653-0292

and shall be deemed to have been given to the Licensee on the day it was delivered or faxed, or seven (7) days after the day it was mailed, as the case may be.

- b) to the Board, if delivered, faxed or mailed by registered mail to the following address:

Yukon Water Board
Suite 106, 419 Range Road
Whitehorse, YT Y1A 3V1
Fax: 867-668-3628

and shall be deemed to have been given to the Board on the day it was delivered or faxed, or seven (7) days after the day it was mailed, as the case may be.

- c) The Board or the Licensee may, by notice in writing, change its address for delivery.

Non-Compliance

10. In the event that the Licensee fails to comply with any provision or condition of this licence, the Board may, subject to the Act, cancel the licence.

Other Uses

11. If, subsequent to the issuing of this licence, the Licensee uses water and/or deposits Waste in one or more ways not authorized in this licence, and the combined effect of those uses and/or deposits of Wastes, as determined by an Inspector:

- a) has no potential for significant adverse environmental effects,
- b) does not interfere with existing rights of other water users or Waste depositors, and
- c) satisfies the criteria set out in column 2 of Schedule 8 of the *Regulation*,

no amendment to this licence will be required for that use of water and/or deposit of Waste.

Spills and Unauthorized Discharges

12. The Licensee shall immediately contact the 24-hour Yukon Spill Report number (867) 667-7244 and implement the Spill Contingency Plan, should a spill or an unauthorized discharge occur. A detailed written report on any such event, including but not limited to, dates, quantities, parameters, causes and other relevant details and explanations, shall be submitted to the Board not later than ten (10) days after the occurrence.
13. All personnel shall be trained in procedures to be followed and the equipment to be used in the containment of a spill.

General

14. Where there is a discrepancy between the Application and the conditions of this licence, the conditions of this licence shall prevail.
15. All work authorized by this licence shall occur on property that the Licensee has the right to enter upon and use for that purpose.
16. Maintenance equipment shall be mechanically sound and free of leaks.

Term of Licence

17. The term of this licence is for the period from the effective date to March 31, 2009.

PART B - OPERATING CONDITIONSDescription of Water Use and Deposit of Waste

18. The Licensee is hereby authorized to:
- a) obtain a maximum quantity of 42.0 cubic metres of water per day from a well located within the bridgehead reserve and adjacent to the Eagle River; and
 - b) store municipal wastewater in existing sewage lagoon; and
 - c) discharge municipal wastewater via exfiltration to ground,
- as described in the Application, and subject to the conditions of this licence.

Existing Sewage Lagoon

19. The Licensee shall operate and maintain the existing sewage lagoon in such a manner that there will be no discharge to surface waters or to land outside of the sewage lagoon.
20. A freeboard of not less than 0.60 metres shall be maintained in the sewage lagoon at all times.
21. The perimeter of the sewage lagoon shall be fenced so as to exclude the public and animals.
22. The fence surrounding the sewage lagoon shall include posted warning signs to alert the public of the presence and hazards of the sewage lagoon. The signage shall be placed every 15 metres along the fence and at the roadway entrances to the sewage lagoon and shall be repaired or replaced as required.
23. Surface runoff shall not enter the sewage lagoon.

Sludge Disposal

24. The Licensee shall submit to the Board, at least ninety (90) days prior to the disposal of any sludge, details of the proposed method of removal and disposal and the location of disposal.
25. All sludge disposal areas operated by the Licensee shall be located, posted and fenced so as to adequately ensure public safety.
26. The Licensee shall remove sludge buildup at the bottom of the lagoon, should the sludge be compromising the effectiveness of the sewage lagoon.

Design of New Sewage Treatment Facility

- 27. The Licensee shall design a new sewage treatment facility and provide monthly updates on the progress of designs and schedule for construction for a new wastewater treatment facility.

Monitoring Program

- 28. The Licensee shall comply with the following monitoring program:

- a) The location of the sampling stations, as indicated in Figure 3 of the Application, shall be as follows:

<u>Sampling Station</u>	<u>Description</u>
EP-1	Located approximately 1 kilometre directly downgradient from the sewage lagoon, within a small Watercourse,
EP-2	Located in a small Watercourse downstream of EP-3, and approximately 1 Km downstream of EP-1,
EP-3	Control station located in an adjacent Watercourse not affected by the Eagle Plains Lodge or Dempster Highway.

- b) Stations EP-1, EP-2 and EP-3 shall be monitored annually in the months of June and August and shall be sampled for the following parameters:

pH	conductivity
total nitrogen (as N)	nitrites and nitrates (as N)
total phosphorus (as P)	organic phosphorus (as P)
inorganic phosphorus (as P)	oil and grease
faecal coliform (no./100ml)	Total Suspended Solids (mg/l)
sulfate (mg/L)	chloride (dissolved mg/L)
BOD (mg/L)	ammonia (as N)
total ICP metals	flow
temperature	

- c) Results of the sampling from stations EP-1, EP-2 and EP-3 shall be submitted to the Board within 30 days of sampling.
- d) All sampling and sample preservation shall be done according to commonly accepted methods.
- e) All analyses shall be conducted in accordance with methods prescribed in the current edition for “Standard Methods for the Examination of Water and Wastewater”.

Physical Monitoring Program

29. Within one year of the effective date of this licence, the Licensee shall submit to the Board a stability assessment of the existing sewage lagoon, sealed by a Professional Engineer licensed to practice in Yukon.
30. The Licensee shall inspect the existing sewage lagoon monthly and repair the lagoon as required.
31. Inspection results, including photographs, repairs or plans for modification, shall be included in the monthly report.

PART C- DECOMMISSIONING AND/OR ABANDONMENT

32. The Licensee shall notify the Board one year prior to any decommissioning and/or abandonment of the existing sewage lagoon and shall comply with the following requirements:
 - a) The Licensee shall decommission and remove the complete sewage lagoon and associated structures, as described in the Application, and submit a report to the Board verifying that the sewage lagoon has been removed, the site remediated and reclaimed.
 - b) All disturbed ground surfaces shall be re-graded in a manner which is consistent with the topography of the site and which prevents erosion and surface runoff from carrying sediment into any Watercourse. Where soil conditions permit, disturbed areas shall be re-vegetated with appropriate reclamation seeds and/or plants.
 - c) All construction materials, equipment, temporary structures and debris shall be removed from the site upon completion of the work.
-