

# Environment Act Licence

Manitoba  
Environment



Licence No. 1564 S2

Issue Date MARCH 2, 1993

In accordance with the Manitoba Environment Act (C.C.S.M. c. E125)

THIS LICENCE IS ISSUED TO:

**NORTH AMERICAN WILDLIFE FOUNDATION INC.: "the Licencee"**  
**STAGE 2 LICENCE**

pursuant to section 13 of the Act for the Development being an Avicultural Facility and associated avian wastewater disposal system located on Delta Beach in Manitoba and being all that portion of Block Six as shown on a Plan of Subdivision of Section 14, Township 14, Range 7 WPM, registered in the Portage la Prairie Land Titles Office as Plan No. 428 which lies South of Cherry Avenue as shown on a further Plan of Subdivision registered in said Land Titles Office as Plan No. 489 and which lies East of a straight line drawn parallel with the Eastern Limit of said Block through the South East corner of Lot 21 as shown on said Plan No. 489 excepting Lot 42 as shown on said Plan No. 489 and subject to the following specifications, limits, terms and conditions:

**GENERAL SPECIFICATIONS**

1. The Licencee shall ensure that domestic wastewater is not directed to the avian wastewater disposal system.
2. The Licencee shall ensure that laboratory wastes are not directed to the avian wastewater disposal system.
3. The Licencee shall dispose of all domestic wastewater, solid wastes, sludge, septage, and laboratory wastes in a manner acceptable to the Director or in accordance with appropriate Regulations.
4. The Licencee shall, in case of physical or mechanical breakdown of the avian wastewater collection and/or avian wastewater disposal system:
  - (a) notify the Director immediately;
  - (b) identify the repairs required to the wastewater collection and/or treatment system; and
  - (c) complete the repairs in accordance with the written instructions of the Director.
5. Unless otherwise specified, all laboratory analyses shall be conducted in accordance with the latest edition of "Standard Methods For The Examination Of Water and Wastewater."

**LIMITS, TERMS AND CONDITIONS (RESTRICTIONS)**

6. The Licencee shall not discharge effluent from the septic tank of the avian wastewater disposal system where the organic content of the effluent, as indicated by the five day biochemical oxygen demand, is in excess of 55 milligrams per litre.
7. The Licencee shall, by September 1, 1993, prepare and submit, to the Director for approval:
  - (a) a chemical handling protocol; and
  - (b) a contingency plan to provide emergency response to potential environmental accidents or chemicals spills.
8. The Licencee shall implement and follow the approved chemical handling protocol and in the event of a chemical spill or environmental accident take all necessary steps as described in the approved contingency plan or as instructed by the Director.
9. The Licencee shall, by January 31 of each year, submit, to the Director:
  - (a) an inventory of all chemicals used at the site; and
  - (b) any revisions to the inventory, protocol, or contingency plan prior to any new chemicals being brought on site.
10. The Licencee shall:
  - (a) by December 31, 1993, submit, to the Director for approval, a preliminary de-commissioning and site rehabilitation plan revision or otherwise;
  - (b) upon the imminent cessation of operations, expand in detail upon the preliminary de-commissioning and rehabilitation plan approved by the Director and shall submit to the Director a final de-commissioning and rehabilitation plan for the site of the operation, for approval, revision or otherwise by the Director; and
  - (c) upon termination of the operation, take all necessary steps to carry out the approved de-commissioning and rehabilitation plan within the time interval specified by the Director.
11. The Licencee shall at no time keep more than 5,000 birds at the Avicultural Facility.

**MONITORING SPECIFICATIONS**

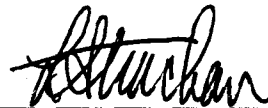
12. The Licencee shall ensure that the avian wastewater disposal system is accessible to an Environment Officer for inspection and monitoring purposes.

13. The Licencee shall provide:
- (a) a means of direct access to the effluent discharged from the septic tank of the avian wastewater disposal system at a location near the outlet from the said septic tank; and
  - (b) an electrical power source of 15 amperes at 110 volts
- for an Environment Officer to collect samples of the treated effluent.
14. The Licencee shall monitor the effluent from the septic tank of the avian wastewater disposal system by collecting and having analyzed a minimum of three separate samples from a single discharge event and at a frequency of at least one discharge event per month, for:
- (a) five day biochemical demand;
  - (b) total phosphorous content;
  - (c) total kjeldahl, total ammonia, nitrate and nitrite nitrogen content; and
  - (d) total and fecal coliform analysis.
15. The Licencee shall submit, in writing, to the Director, the results of the monitoring program conducted pursuant to Clause 14 of this Licence for each month within 15 days of receipt of the results for the month, or at a frequency approved by the Director.
16. The Licencee shall:
- (a) not later than June 1, 1993, submit to the Director, for approval, a program, including the analytical methods to be used, for nutrient monitoring of the liquid and soils of the wastewater holding pond of the avian wastewater disposal system;
  - (b) not later than August 1, 1993, commence the approved monitoring program; and
  - (c) conduct the approved monitoring program in a manner and at such a frequency as is approved by the Director.
17. The Licencee shall submit, to the Director, a report of the results of the monitoring program, conducted pursuant to Clause 16 of this Licence not later than December 31, of each year during which the program was conducted.
18. The Licencee shall submit, to the Director, not later than December 31, 1997, an assessment of the capacity of the wastewater holding pond to reduce and retain nutrients from the wastewater.

19. The Licencee shall, where instructed by the Director, conduct environmental investigations, associated with the operation of the Development, and provide the Director with such reports, data or other information, as may be requested by the Director.

**REVIEW OR REVOCATION**

20. This Licence shall be reviewed for variation or continuation by the Director forthwith upon the passage of 5 years from the date of this Licence, or at an earlier date upon two months written notice to the Licencee and public notification through advertisements in the local newspaper or radio.
21. If in the opinion of the Director the Licencee has exceeded or is exceeding the specifications, limits, terms, or conditions set out herein, the Director may revoke, temporarily or permanently, this Licence.



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Larry Strachan, P. Eng.  
Director, Environment Act

**FILE NO: 3127.00**