

Environment Act Licence

Manitoba
Environment



Licence No. 1606 S2 R
Issue Date September 20, 1993
(REVISED: December 2, 1996)

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

THIS LICENCE IS ISSUED TO:

**CANADA REPRESENTED BY THE MINISTER OF ENERGY MINES AND
RESOURCES, CANADA CENTRE FOR REMOTE SENSING, BOREAS
COORDINATING COMMITTEE: "the Licencee"**

STAGE 2 LICENCE

for the Development which is the carrying out of scientific research and associated activities proposed to be conducted near Nelson House, within Townships 79-80 and Range 6-8, subject to the specifications, limits, terms and conditions of this Licence.

SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

1. The Licencee shall carry out the Development in accordance with the plans and specifications provided to Manitoba Environment in the documents titled:
 - (i) "Initial Environmental Assessment For The Boreal Ecosystem-Atmosphere Study (BOREAS) Nelson House, Manitoba And Outside Of Prince Albert National Park, Saskatchewan" prepared by Shauna Mercer and Mel Falk, Environmental Services, Public Works Canada dated April 21, 1992 and submitted on May 5, 1992;
 - (ii) "Boreal Ecosystem Atmosphere Study (BOREAS) Proposed Site Access Plans And Environmental Information For The Initial Environmental Assessment Report Of The Nelson House Manitoba Supersite" prepared by Energy, Mines and Resources Canada and submitted on July 13, 1992; and
 - (iii) "Boreal Ecosystem Atmosphere Study (BOREAS) Experiment Plan Sections 1-5 and Appendices" prepared by Energy, Mines and Resources Canada dated April, 1993 and submitted on May 14, 1993; and
 - (iv) Letter from Josef Cihlar to Trent Hreno, dated November 12, 1996.

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2. The Licencee shall ensure adequate containment protection is implemented for all sites when conducting vehicle or equipment maintenance activities. In areas underlain by sand or gravel, adequate containment protection shall include as a minimum, the placing of impermeable pads or heavy vinyl tarps under maintenance areas.
3. The Licencee shall adopt environmentally sensitive vehicle and equipment servicing techniques, including the collection and recycling (or disposal by a means acceptable to Manitoba Environment), of waste oil.
4. The Licencee shall, prior to operation of the development activities, prepare a spill response and cleanup plan for the approval of the Director.
5. The Licencee shall, at the conclusion of the development activities, submit for the approval of the Director, a report detailing methods to decommission and rehabilitate any sites impacted by those activities.
6. The Licencee shall, at the conclusion of long-term monitoring activities at the Old Black Spruce site, submit for the approval of the Director, a report detailing methods to decommission and rehabilitate the site.

Revocation

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 the Licence either temporarily or permanently.



Larry Strachan, P.Eng.
Director, Environment Act

File No. 3353.00



Geomatics Canada

Canada Centre for
Remote Sensing

588 Booth Street
Ottawa, Canada
K1A 0Y7

Géomatique Canada

Centre canadien
de télédétection

588, rue Booth
Ottawa (Canada)
K1A 0Y7



NOV 19 1996

November 12, 1996

Trent Hreno
Manitoba Dept. of Environment
139 Tuxedo Ave.
Winnipeg, MB
R3N 0H6

5260-13

Dear Mr. Hreno:

Re: BOREAS Project

Following up on earlier communication I would like to update you on the activities of the BOREAS Project. We wish to extend our licences with the Manitoba Dept. of Environment, 1606 S1 and 1606 S2, to Dec. 31, 1997. We are also extending our Crown Land Reservation with the regional Lands Branch of the Department of Natural Resources to Dec. 31, 1997. This extension will facilitate the decommissioning of all BOREAS sites, with exception of the Old Black Spruce, that is taking place now and through the spring of '97. The OBS Site (lat/long 55.879° N, -98.48° W) will continue to be used for long-term monitoring activities by Principal Investigators for 5 years or longer. A Land Reservation extension for this site will be also be submitted. I understand that site inspections will take place after completion of the decommissioning activities.

I hope this clarification is satisfactory. Please do not hesitate to call the Secretariat at 613-947-1292 if you have any questions.

Yours sincerely,

Josef Cihlar
Canadian BOREAS Coordinator



Canada

The National Surveys, Mapping and
Remote Sensing Organization,
Natural Resources Canada

L'organisme national des levés, de la
cartographie et de la télédétection,
Ressources naturelles Canada