

SIMON FRASER UNIVERSITY
Senate Committee on University Priorities
Memorandum

S.02-78

TO: Senate

FROM: John Waterhouse
Chair, SCUP
Vice President, Academic

RE: Centre for Wildlife Ecology

DATE: October 10, 2002

Attached is the proposal for the establishment of the Centre for Wildlife Ecology submitted for consideration by Dr. Norbert Haunerland, Chair, Department of Biological Sciences. This will be a Schedule A Centre reporting to the Vice President, Research in accordance with Policy R 40.01.

The Senate Committee on University Priorities reviewed the proposal at its October 9, 2002 meeting. The proposal was unanimously approved. Once approved by Senate, the proposal will be submitted to the Board of Governors.

Motion:

That Senate approve and recommend to the Board of Governors the establishment of the Centre for Wildlife Ecology as outlined in document S.02-78

encl.

- c. B. Clayman, VP Research
- W. Davidson, Dean, Faculty of Science
- N. Haunerland, Chair, Biological Sciences
- R. Ydenberg, Faculty of Science

SIMON FRASER UNIV

MEMORANDUM
OFFICE OF VICE-PRESIDENT, RESEARCH

TO: Laurie Summers, Secretary
Senate Committee on University
Planning (SCUP)

FROM: Bruce P. Clayman
Vice-President, Research

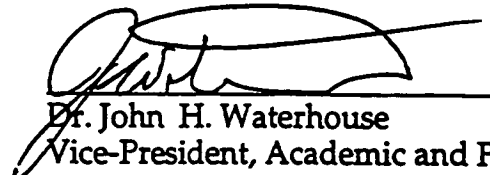
RE: Centre for Wildlife Ecology


DATE: September 25, 2002

Attached is a proposal from N. H. Haunerland, Acting Dean, Faculty of Science, for the establishment of a Centre for Wildlife Ecology as a Schedule A Centre.

The Governing Committee for Centres and Institutes recommends that the Centre be granted approval by SCUP. Once approved by SCUP, the proposal is to be forwarded to Senate, followed by submission to the Board of Governors.

Governing Committee:


Dr. John H. Waterhouse
Vice-President, Academic and Provost


Dr. Bruce P. Clayman
Vice-President, Research

Attachment

C: Dr. Ron Ydenberg, Biological Sciences
Dr. W. Davidson, Faculty of Science

Received by
JUL 15 2002

**SIMON FRASER UNIVERSITY
MEMORANDUM**

Vice President, Research Office

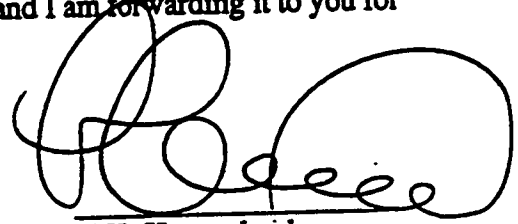
To: B.P. Clayman
VP Research

From: N.H. Haunerland, Acting Dean
Faculty of Science

Subject: Centres for Wildlife Ecology Date: July 8, 2002

Attached is a proposal from Ron Ydenberg for the establishment of a 'Centre for Wildlife Ecology' under Schedule A of the University Policy R 40.01.

The Dean supports the formation of this centre and I am forwarding it to you for approval.



N.H. Haunerland

Enclosure

Board of Directors
Initial Membership of the Centre for Wildlife Ecology

August 6, 2002

Dr. Larry Dill, Professor, Simon Fraser University
Dr. Elizabeth Elle, Assistant Professor, Simon Fraser University
Dr. Robert Elner, Head, Migratory Birds Conservation, Canadian Wildlife Service, Pacific
Wildlife Research Centre (CWSPWRC)
Dr. Alton Harestad (SFU Alternate) Professor, Simon Fraser University
Mr. Rick McKelvey (CWS Alternate) Manager, CWS PWRC
Mr. Trevor Swerdfager, Regional Director, Environment Canada, Pacific Yukon Region
Dr. Tony Williams, Associate Professor, Simon Fraser University
Dr. Ron Ydenberg, Professor, Simon Fraser University

SFU Faculty Members Involved in Centre
Initial Membership of the Centre for Wildlife Ecology

August 6, 2002

Dr. Ron Ydenberg
Dr. Tony Williams
Dr. David Green
Dr. Dov Lank,
Dr. Mark Hipfner
Dr. Dan Esler

W.A.C. Bennett Library
Simon Fraser University
Memorandum

To: Val Murdoch, Administrative Assistant
Office of the Vice President, Research

From: Gwen Bird
Head, Collections Management
gbird@sfu.ca

Subject: Library Report for the Proposed Centre for
Wildlife Ecology

Date: September 24, 2002

Cc: Lynn Copeland, University Librarian
Leslie Rimmer, Liaison Librarian for Biology

Here is the Library's Report regarding the proposed Centre for Wildlife Ecology.

I have reviewed the proposal for the above named Centre and am satisfied that the Library can support the Centre at this time. We have been supporting the activities associated with the Chair in Wildlife Ecology for the past several years; the proposed administrative change will not make further demands on Library resources. The Centre proposal includes a bibliography of publications. The Library has strong holdings among these publications, including the major journals in this field.

Although there are no outstanding Library issues at this time, there may be future hiring of faculty with interests outside the current scope of the Centre for Wildlife Ecology. When hiring such individuals it is important to note the compatibility of their research interests with existing library resources. If a mismatch is determined and new resources are required the Centre will have to provide funding to purchase such library resources. This is a general concern regarding new hires and not specific to the Centre for Wildlife Ecology.

Costs:

THERE ARE NO ADDITIONAL LIBRARY COSTS ASSOCIATED WITH THIS CENTRE.

If you have any questions regarding this assessment, please don't hesitate to contact me by phone (3263) or by email, gbird@sfu.ca

SIMON FRASER UNIVERSITY

DEPARTMENT OF BIOLOGICAL SCIENCES
Dr. R.C. Ydenberg
Professor and Director
Centre for Wildlife Ecology



8888 UNIVERSITY DRIVE
BURNABY, BRITISH COLUMBIA
CANADA V5A 1S6
Telephone: (604) 291-4282
Fax: (604) 291-3496

May 25, 2002

Professor W. Davidson
Dean of Science
Simon Fraser University

Dear Dean Davidson:

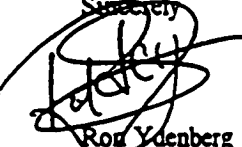
This package of materials constitutes an Application to the University to form a centre under University Policy R.40.01, CENTRES AND INSTITUTES, called the 'Centre for Wildlife Ecology'. It is my intention that this become a Schedule A Centre, coming under the direct authority of the Dean of Science. The administrative structure proposed here is intended to provide continuity for the research program that existed as the 'Chair of Wildlife Ecology', until the retirement of Professor Fred Cooke, on March 31 of this year (2002).

The following documents are enclosed:

- (i) a draft Constitution, that sets out the structure and running of the new 'Centre for Wildlife Ecology'.
- (ii) a letter of endorsement from the existing Board of Directors, supporting the proposed new structure, and the direction the Chair has taken since I assumed the (interim) Directorship on September 1, 2001.
- (iii) a copy of the current 'Agreement for a CWS/NSERC Chair of Wildlife Ecology'. This document was renewed July 20, 1998, and is in force until March 31, 2003. It is to be renegotiated this year, likely for another five year term.
- * (iv) The agenda of the April 8, 2002 meeting of the Board of Directors and the minutes of the preceding meeting, August 28, 2000.
- * (v) a copy of the '2001/2002 Annual Report', describing fully the 'Chair of Wildlife Ecology's' activities and budget up to March 31 of this year.

Together these documents provide a comprehensive overview and background to this proposal. They establish that the proposed CWE is based on an ongoing, successful nine-year program of co-operative research with Environment Canada. The research activities, profile and budget have increased steadily over this period, and there is every reason to expect continued success in this venture. The administrative structure proposed here was arrived at after discussion with the Board of Directors, and has their endorsement. I stress that the day-to-day running of the research program will not be greatly affected by this administrative change.

I would of course be pleased to provide any other documentation that you feel may be useful, and would welcome the opportunity to discuss this with you.

Sincerely

Ron Ydenberg
Email: ydenberg@sfu.ca

- * Available for review upon request from Senate Secretariat (604 291-3168 or email bgrant@sfu.ca)

CENTRE FOR WILDLIFE ECOLOGY

Proposed Constitution (Draft)

1. History

Under the Migratory Birds Convention and Canada Wildlife Acts, the mandate of the Canadian Wildlife Service is to protect and conserve migratory bird populations. In the 21st century, this historical mandate is broadening to encompass other environmental concerns such as species at risk, biodiversity, sustainability and endangered habitats. To meet these broad and varied responsibilities, Environment Canada depends on sound science, and participates in cooperative ventures. In 1993, the National Sciences and Engineering Research Council of Canada, Simon Fraser University, and Environment Canada signed a 10 year agreement to create the NSERC/CWS Chair in Wildlife Ecology at SFU. The Centre for Wildlife Ecology (CWE) described here is designed to renew 'the Chair', as the original Chairholder, Professor Fred Cooke, retired March 31, 2002.

2. Mission Statement

The mission of the Centre for Wildlife Ecology (CWE) is to foster high quality, graduate training and research, conduct basic and applied research in wildlife ecology, and to provide knowledge and personnel that will help Environment Canada and other agencies meet the challenges of conservation in the 21st century. The central concept is to foster synergy between the mission-oriented research and management policies of the Canadian Wildlife Service (CWS) and the basic research agenda of the University. Information, ideas, expertise, resources and opportunity flow back and forth across this interface. Government agencies gain access to a broad base of science capability that helps inform policy and decision making, while the university and its faculty and students benefit from enhanced opportunities for research and its application.

3. Administration

- 3a The Centre for Wildlife Ecology shall be administered in accordance with Simon Fraser University Policies including R.40.01, CENTRES AND INSTITUTES. If the CWE Constitution and University policy differ, University policy shall prevail.
- 3b The Centre for Wildlife Ecology is a Schedule A Centre (R.40.01, page 2) and comes under the direct authority of the Dean of Science.
- 3c The Centre for Wildlife Ecology is housed in the Department of Biological Sciences.
- 3d Faculty positions, budget, staff support and other resources given by Simon Fraser University and Environment Canada are described in the document entitled 'Agreement for a CWS/NSERC Chair of Wildlife Ecology'. This document was renewed July 20, 1998, and is in force until March 31, 2003.

4. Governance

- 4a** The CWE shall be overseen by a four member Steering Committee, made up of two representatives from the Department of Biological Sciences (appointed by the Dean of Science, Simon Fraser University), and two representatives from the Canadian Wildlife Service (appointed by the Regional Director, Environmental Conservation Branch, Pacific and Yukon Region, Environment Canada). Both CWS and SFU shall appoint an alternate member.
- 4b** Chairship of the Steering Committee shall alternate on an annual basis between SFU and CWS members. The Steering Committee shall meet annually, or more often as deemed appropriate by the Chair. Regular faculty members of the CWE (see **3d**), as well as alternate members of the Steering Committee, shall attend as non-voting members.

5. Membership of the Centre

- 5a** The CWE shall consist of a body of interested persons from the University and Environment Canada communities, as well as individuals linked to the Centre through the projects and other activities it sponsors and supports.
- 5b** Faculty membership in the CWE is governed by official agreement between Simon Fraser University and Environment Canada (see **3d**).
- 5c** The Director of the CWE shall be appointed by the Dean of Science, on the recommendation of the Steering Committee. An Associate Director shall also be appointed. The terms of office are normally five years. The Director and Associate Director are responsible for overseeing the CWE's operations, including its staff and budget.
- 5d** Terms of the Director's and Associate Director's appointments are to be decided by negotiation between the Chair of the Department of Biological Sciences, the Dean of Science, and the appointees. These shall be provided in writing.
- 5e** Other members of the CWE, such as graduate students of the University, are appointed by the Director of the CWE.
- 5f** The CWE may employ post-doctoral associates, Research Associates and staff, according to regular University and Departmental procedures.
- 5g** To enhance their role in the CWE, Research Scientists and other staff of Environment Canada may be appointed as Adjunct Faculty members of the Department of Biological Sciences, according to regular University and Departmental procedures.



Canadian Wildlife Service
RR#1, 5421 Robertson Road
Delta
British Columbia V4K 3N2

Dr. Willie Davidson
Dean of Science
Simon Fraser University
Burnaby
British Columbia V5A 1S6

May 24, 2002

Dear Willie:

The Board of Directors of the NSERC/Canadian Wildlife Service "Chair of Wildlife Ecology" (CWE) at Simon Fraser University has convened on a regular basis, most recently on April 8, 2002. At this last meeting, we discussed the Annual Report of the CWE. From the point of view of the Board, there has been a smooth transition from having Dr. Fred Cooke to Dr. Ron Ydenberg at the helm and the performance of the CWE continues to exceed all expectations. Further, the Board of Directors endorses the evolution of the Chair to a "Centre for Wildlife Ecology" with Dr. Ron Ydenberg as the Director. We trust that you will be supportive of this change and can ratify the necessary arrangements with Dr. Ydenberg to bring the Centre into being at your earliest convenience. Concomitantly, Environment Canada are in the process of drafting a new Agreement with Simon Fraser University, to renew this highly successful collaboration for a further five (5) years. The current Agreement expires March 31, 2003.

Please do not hesitate to contact me should you require further information on either the position of the Board of Directors or Environment Canada at this time.

Sincerely,

Bob Elner

Chair, Board of Directors for the CWE

cc. R. Ydenberg
T. Williams
T. Swerdfager
R. McKelvey
L. Dill
E. Elles



AGREEMENT FOR A CWS/NSERC CHAIR OF WILDLIFE ECOLOGY

This Agreement, known as the "Agreement for a Wildlife Ecology Research Chair", made in duplicate, this 20th day of July, in the year 1998.

BETWEEN

HER MAJESTY THE QUEEN IN RIGHT OF CANADA, as represented by the Minister of the Environment, responsible for the Canadian Wildlife Service (hereafter referred to as "CWS"),

OF THE FIRST PART

AND

SIMON FRASER UNIVERSITY, Burnaby, British Columbia, the implementing organization (hereafter referred to as "The University")

OF THE SECOND PART

WHEREAS, wildlife resources are an integral part of our economic and social fabric, and play a major cultural and ecological role, providing aesthetic and sustenance values and serve as indicators of environmental health;

WHEREAS, wildlife and their ecosystems are increasingly vulnerable to escalating land use conversion and development, damage caused by toxic substances, and growing demands on wild resources;

WHEREAS, the foundation of wise stewardship and conservation rests on the quality of science;

WHEREAS, the Canadian Wildlife Service has a legislated mandate to conserve, protect and manage this resource, derived from the Migratory Bird Convention Act, the Canada Wildlife Act, and the Canadian Environmental Protection Act;

WHEREAS, the Canada Wildlife Act (Sections 5 and 7) authorizes the Minister of the Environment to enter into an agreement with any authority or organization, to provide for the undertaking of wildlife conservation programs with the approval of the respective provinces, and the payment of contributions in respect of the costs of those programs and agreements;

WHEREAS, the Governor General in Council has, by Order in Council No. P.C. 1991-5-2375, authorized the Minister of the Environment to execute this agreement on behalf of Canada;

WHEREAS, the Minister of the Environment and the University agree on the need to collaborate on wildlife research programs to address priority concerns in the field of wildlife ecology and integrated resource management and in particular on Wildlife Behavioral Ecology;

NOW THEREFORE, in consideration of the mutual covenants and agreements herein contained, the parties hereto covenant and agree as follows:

ARTICLE I

DEFINITIONS:

1. **CWS/NSERC Chair of Wildlife Ecology:** a program including faculty positions located at Simon Fraser University for the purpose of fostering high quality, graduate-level research in one or more of the fields of wildlife biology, integrated resource management, ecotoxicology, recovery of endangered species, and socio-economic concerns related to our fauna and flora;
2. **Wildlife:** any non-domestic plant or animal, as defined in The Canada Wildlife Act (1972);

ARTICLE II

PURPOSE:

3. The purpose of this Agreement is to set out the terms and conditions by virtue of which the Minister of the Environment and the University will coordinate their actions for the continuation for a further five (5) years of a CWS/NSERC Chair of Wildlife Ecology.

ARTICLE III

COOPERATIVE FUNDING OF THE WILDLIFE ECOLOGY RESEARCH CHAIR:

4. The Wildlife Ecology Research Chair will be cooperatively financed by a direct contribution from the federal government and by other direct contributions, to be determined, from the provincial and territorial governments and from the private sector.

ARTICLE IV

ENVIRONMENT CANADA CONTRIBUTION:

5. The Environment Canada share of the total direct contribution, for the purpose described in ARTICLE II, shall be subject to the terms and conditions set out in this Agreement and the maximum contribution may be up to and not exceed the total

annual amount appropriated by Parliament for that year. The CWS contribution shall be:

- (a) in year 1, the sum of \$125,000 (1998/1999)
- (b) in year 2, the sum of \$125,000 (1999/2000)
- (c) in year 3, the sum of \$125,000 (2000/2001)
- (d) in year 4, the sum of \$125,000 (2001/2002)
- (e) in year 5, the sum of \$125,000 (2002/2003)

6. The federal contribution will cover some of the salary for Research Chair staff as well as some of the costs associated with research projects.

ARTICLE V

CONTRIBUTION OF OTHER SPONSORING ORGANIZATIONS:

7. The remaining share of the direct contributions to the Research Chair shall be provided from the Natural Science and Engineering Research Council, and may be solicited from provincial and territorial governments, and from the private sector and universities by the University and the Research Chair Director.

8. The Simon Fraser University share of the total direct contribution, for the purpose described in ARTICLE II, shall be:

- (a) in year 1, the sum of \$105,414 (1998/1999)
- (b) in year 2, the sum of \$123,178 (1999/2000)
- (c) in year 3, the sum of \$150,281 (2000/2001)
- (d) in year 4, the sum of \$177,511 (2001/2002)
- (e) in year 5, the sum of \$195,653 (2002/2003)

These annual sums being devoted to the salaries of the two faculty positions (ARTICLE X, par. 17). (Note: the amounts are estimates, the actual amount may vary according to contractual and 'Progress through the Ranks' [PTR] considerations).

Additional contributions from the University will cover the expenses associated with the operation and maintenance of support facilities (e.g. office space, computers, libraries) and specialized laboratories and the services of scientific and technical

specialists. The University shall not charge overhead because the Environment Canada and NSERC contributions are to be considered grants.

ARTICLE VI

DURATION OF AGREEMENT:

9. This Agreement shall be in force until March 31, 2003 commencing on the day it is signed by representatives of Environment Canada and the University.

ARTICLE VII

ANNUAL PROGRAM PLAN AND REPORTS

10. In pursuance of the purposes of the Agreement and the mandate of the Wildlife Ecology Research Chair, an annual program plan will be prepared, through the Research Chair's Board of Directors, which sets forth specific research projects and resource requirements for the upcoming year, and projections in terms of objectives and anticipated resource requirements for future years under this Agreement. The plans will indicate the contributions from all sponsoring organizations and the disposition of these funds to any associated university.

11. The Research Chair shall submit to its Board of Directors an Annual Report on the finances, operations and activities of the Research Chair. Other technical reports shall be submitted upon request.

12. The exact terms and schedules for the financial and operational reports will be negotiated by Environment Canada and the University and be in accordance with the terms and conditions set forth in ANNEX A.

13. The federal contribution for each year will be subject to approval by the Regional Director General of the Environmental Conservation Branch, based on acceptance of the annual report and plans of the Wildlife Ecology Research Chair on the adequacy of total contributions of other sponsoring organizations to achieve the objectives set forth in the plans and in accordance with the statement of the mandate and mission of the Canadian Wildlife Service, Delta, British Columbia.

ARTICLE VIII

FEDERAL ENVIRONMENTAL ASSESSMENT:

14. This Agreement will be subject to federal environmental assessment legislation where applicable.

ARTICLE IX

METHOD OF PAYMENTS:

15. Statement of terms and conditions are attached.

ARTICLE X

GUIDING PRINCIPLES FOR THE WILDLIFE ECOLOGY RESEARCH CHAIR:

16. The University will maintain two faculty positions for the duration of the Agreement.
17. The University will make any required replacement appointments to these faculty positions in consultation with CWS.
18. The two faculty positions will be made in the Department of Biological Sciences.
19. The appointees of the Wildlife Ecology Research Chair will be responsible for the creation and maintenance of a multi-disciplinary research program. The focus of the research will be on wildlife ecology, with a specialization in wildlife behavioral ecology. The program will be integrated with the regional research programs of CWS to maximize the benefits of research activities to both organizations and to ensure that regional research priorities are effectively addressed.
20. The major responsibilities of the appointees will be research and graduate student supervision.
21. The primary terms of reference, mandate and mission for the Wildlife Ecology Research Chair are described in the appended Annual Report.

ARTICLE XI

ADMINISTRATION OF THE WILDLIFE ECOLOGY RESEARCH CHAIR:

22. The Board of Directors will continue to guide the research program of the Wildlife Ecology Research Chair. The responsibilities of the Board of Directors will include:

- * provision of broad program and policy guidance to the Chair;
- * provision of review and advice on ways to increase private sector participation, through joint venture research projects;
- * guidance for allocation of funds for research projects;
- * provision of annual financial and operational plans and reports to Environment Canada, CWS and the University.

23. Membership on the Board of Directors will include two (2) representatives from each of Simon Fraser University and the Canadian Wildlife Service. Members will have relevant scientific knowledge and skills necessary to effectively evaluate proposed research projects. Members, once appointed, will serve in a professional capacity, and not as official representatives of their respective organizations.

ARTICLE XII

PUBLICATIONS:

24. Any publication, material, reports, data or any other work, whether copyrighted or not, that results from the implementation of the Wildlife Ecology Research Chair under this Agreement, shall be made available to the CWS for any use consistent with its mandate for purposes of research or management.

ARTICLE XII

AMENDMENT:

25. This Memorandum of Agreement may be amended in writing, by the parties by mutual consent.

ARTICLE XIV

RENEWAL:

26. Provided that the parties agree, they may, during the last year of this Agreement, renew the Agreement for a further period of five years. It is understood that the funding formula will be reviewed at that time.

ARTICLE XV

TERMINATION:

27. Any party may terminate this Agreement on eight months written notice to the other party. On termination of this Agreement, no payment of moneys shall be made, except payments for activities undertaken, and commitments made prior to the effective date of termination and to cover costs directly and necessarily incurred by termination.

ARTICLE XVI

ASSIGNMENT:

28. This Agreement may not be assigned in whole, or in part, without the prior consent of the Minister of Environment in writing.

ARTICLE XVII

29. Any party hereto shall indemnify and save harmless Canada in respect of any claim, loss, damage or expense relating to:

(a) any injury or death of a person, or loss of or damage to property, caused or alleged to be caused as a result of performing the Agreement, and

(b) any lien, attachment, charge, encumbrance or similar claim upon any property vested in Her Majesty under this Agreement.

ARTICLE XVIII

BENEFITS:

30. No members of the House of Commons shall be admitted to any share or part of this Agreement, or to any benefit to arise therefrom.

ARTICLE XIX

PUBLIC ACKNOWLEDGEMENT:

31. The University agrees to adequately acknowledge at all times, in its publications, publicity, or other means of communications, the contributions of the CWS, NSERC, and others in the funding of this Wildlife Ecology Research Chair.

ARTICLE XX

PROVINCIAL APPROVAL:

32. The University warrants that the Government of British Columbia has given its approval to every term and condition of this Agreement, and therefore authorizes the University to sign as a party hereto.

ARTICLE XXI

EXECUTION:

33. IN WITNESS WHEREOF, this Agreement, has been executed on behalf of Her Majesty the Queen in Right of Canada, by the duly authorised officer of the Department of the Environment, and on behalf of the University by its duly authorized officer, in the presence of:

[Signature]
Witness
[Signature]

for Environment Canada

July 20, 1998
Date

[Signature]
Witness
[Signature]

for Simon Fraser University

July 16/98
Date

TERMS AND CONDITIONS

PURPOSE

Contributions to establish a Wildlife Ecology Research Chair and to support the University's proposal to the Natural Sciences and Engineering Research Council for partial financial assistance in this endeavour.

AMOUNT OF CONTRIBUTION

The maximum contribution may be up to and not exceed the total annual amount appropriated by Parliament for that year.

- (a) in year 1 the sum of \$125,000
- (b) in year 2 the sum of \$125,000
- (c) in year 3 the sum of \$125,000
- (d) in year 4 the sum of \$125,000
- (e) in year 5 the sum of \$125,000

METHOD OF PAYMENT

Payments will be in accordance with the federal government's Cash Management Policy through advance payments.

In the event that the final financial report, or the final audit indicates that an unallowable expenditure has been reimbursed, such an amount will be considered as a debt due and owing to the Federal Crown. Procedures will be implemented to recover the amount from the Recipient.

DELEGATED SIGNING AUTHORITY

Authority to sign agreements, amendments, and approve payments will be made in accordance with the departmental "Delegation of Financial Signing Authorities Manual".

AUDIT ARRANGEMENTS

Financial records are maintained according to generally accepted accounting principles.

Special purpose audits may be carried out as requested by either Simon Fraser University or Environment Canada.

DURATION

These Terms and Conditions shall be in force until March 31, 2003 commencing on the day the Agreement is signed by the representatives of Environment Canada and the University.

BENEFITS

No member of the House of Commons shall be allowed to share any part of this Agreement, or any benefit that could arise therefrom.