

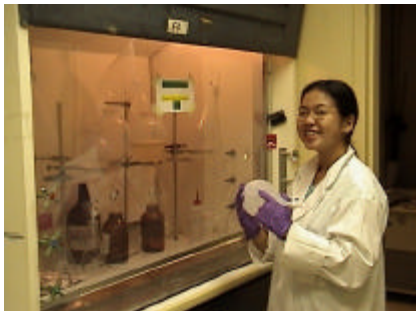
**TAIGA**



*Environmental Laboratory  
Laboratoire Environnemental*

# **NWT Cumulative Impact Monitoring Program**

Environmental  
Sampling, Analysis  
and Interpretation  
Training Program



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**Taiga Environmental  
Laboratory**

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## Program Objectives

The Taiga Environmental Lab, Department of Indian and Northern Affairs Canada (INAC) in conjunction with the Inuvialuit Joint Secretariat, has developed the following environmental technician mentor program (based on the existing Inuvialuit Joint Secretariat mentor program) as one step to improve the capacity of local communities involvement in environmental research and monitoring.



Funding and support for this program is through the NWT Cumulative Impact Monitoring Program (CIMP).

The program has funding for a total of six applicants. Funding includes accommodation and travel expenses.



### Rationale

Capacity building is fundamental to the success of the NWT CIMP and Audit. Community residents need training in a range of environmental management techniques if the program is to be truly community based. Exposure to scientific methodology as it relates to sampling, analysis and interpretation of results is a key component of the overall mentor program.

The collaboration between the Taiga Environmental Lab, Inuvialuit Joint Secretariat and northern communities is just one effort of many to provide additional training and capacity building opportunities for Aboriginal people in the field. There is a critical shortage of scientifically trained Aboriginal people in the NWT and elsewhere. Taiga Environmental Laboratory can offer opportunities to help rectify this situation.

The environmental technician mentor program shall be unique in that it will attempt to provide both scientific and traditional values in achieving its objectives. It is very important to show the benefits (and

similarities) of both science and traditional values and how they relate to day-to-day life in northern communities.

### Program Description

The environmental technician mentor program is two weeks (10 working days) in duration. Within this time frame, students will receive the following training (not in this particular order):

- Laboratory safety (general, MSDS, *etc.*);
- Analytical Techniques (wet chemistry, *etc.*);
- Sampling Collection (field collection, *etc.*);
- Sample Handling (preservation, storage, shipping, *etc.*);
- Quality Assurance/Quality Control;
- Data Analysis;
- Interpretation and Reporting Data; and
- Presentation of Results.

In addition, the training program can be custom tailored to various industry training requirements.



## Application Information

*The mentor training program will begin in January 2003.*

*Applicants should meeting the following requirements:*

- *High-School or Post-Secondary graduate.*
- *Keen interest in science*
- *Resident of the Northwest Territories*
- *Excellent work skills and ability to function in a team*
- *Available for two weeks at 7.5 hours day.*

*Priority will be given to those meeting the above qualities.*



*All inquiries and requests for application forms can be made to R. Shane Harnish at the Taiga Labs at (867) 669-2788 or by email at harnishs@inac.gc.ca*



## Taiga Environmental Laboratory

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