Indian and Northern Affairs Canada
www.inac.gc.ca

Affaires indiennes et du Nord Canada
www.ainc.gc.ca

Water Resources Division
Qimugjuk Building
P.O. Box 2200
Iqaluit, Nunavut
X0A 0H0

Your file - Votre référence
NWB3COR
Our file - Notre référence

July 31, 2002

Ms. Phyllis Beaulieu
Acting Licensing Administrator
Nunavut Water Board
P.O. Box 119
Gjoa Haven, Nunavut
X0E 1J0

Dear Ms. Beaulieu:

Re: Coral Harbour - Environmental Assessment

Pursuant to Section 5 of the Canadian Environmental Assessment Act (CEAA), the Department of Indian and Northern Affairs Canada (INAC) has completed an environmental assessment of the Hamlet of Coral Harbour's water licence application.

The Project proposal was reviewed by INAC's Water Resources Management Division in collaboration with the Department of Fisheries and Oceans, Environment Canada, and Health Canada. Based of the results of the screening, INAC has concluded that the project is not likely to cause significant adverse environmental effects. The incorporation of appropriate conditions in the new water licence will help mitigate the current environmental effects of Coral Harbour's waste disposal facilities. Suggested licence conditions and mitigative measures are as follows:

General

- locate all waste, sewage contaminants, and fuel caches a minimum of 30 meters from the normal high water mark of any water body, and be sufficiently bermed or otherwise contained to ensure that deleterious substances do not enter any water body
- locate all waste disposal areas at least 450 metres from any building used for human habitation or for the storage of food, as per the *General Sanitation Regulations, Public Health Act*.
- prepare and submit an Operation and Maintenance Plan for all water treatment and waste disposal facilities that includes a procedure to implement and maintain sediment and erosion control measures prior to, and during work to prevent sediment entry into the water during a spring thaw; upon completion of work, all

...2

disturbed areas should be stabilized and re-vegetated as required, and restored to a pre-disturbed state

- control all activities, including maintenance procedures and refueling, to prevent the entry of petroleum products or other deleterious substances into the water
- report all spills of oil, fuel, or other deleterious material immediately to the 24-Hour Spill Line at (867) 920-8130
- ensure that materials are removed from the ice prior to spring break-up to minimize the potential for that material to enter the water

- ensure compliance with the *Freshwater Intake End-of-Pipe Fish Screen Guideline* (DFO, 1995), available upon request from DFO.
- ensure that appropriate training of municipal staff is completed to ensure quality control in sampling collection and preparation

Solid Waste Disposal Site

- develop and implement an Operation and Maintenance Plan that outlines procedures for the safe handling, storage and disposal of waste oil and other hazardous wastes, storage and disposal/removal of bulky items and scrap metal, trench filling, compacting and covering
- designate a suitable area for hazardous waste storage, if plans to purchase a waste oil furnace are implemented, develop a procedure for bulking, settling and storing the waste oil
- relocate all bulky wastes to a single area within the footprint of the solid waste disposal site, restore former sites
- install and maintain fencing to prevent scattering of solid waste
- physically separate the solid waste disposal site and the sewage wetland treatment area to prevent leachate from the landfill from entering the wetland
- ensure that wastes are not deposited into water, specifically the pooled water along the toe of the solid waste disposal facility
- establish an SNP station to monitor standing water quality at the landfill site, past analytical results from this pond have indicated metal concentrations exceeding the *Canadian Water Quality Guidelines for the Protection of Freshwater Aquatic Life* (copper-5 µg/L vs 4 µg/L; iron-2.36 mg/L vs 0.3 mg/L, and zinc-130 µg/L vs 30 µg/L)
- submit a plan to improve drainage at the waste disposal site and prevent the accumulation of standing water
- prepare and submit an Abandonment and Reclamation Plan for the waste disposal site

Sewage Lagoon

- sample sewage effluent monthly, during periods of flow, as per the *Guidelines for the Discharge of Treated Municipal Wastewater in the Northwest Territories* (1992), the effluent must meet the following criteria:

Total Suspended Solids - 100 mg/L	pH - 6-9
BOD - 80 mg/L	Oil and Grease - no visible sheen
Total Coliforms - 10,000 CFU/100 mL	Ammonia - monitor only

- ensure that any solid wastes and litter are removed from the wetland area on a regular basis

The application states that the Hamlet plans to relocate the waste disposal site. It is expected that plans for the new facilities will be submitted to the Nunavut Water Board upon completion, and these will be reviewed through a licence amendment. As a relocation of the waste disposal facilities will constitute a major change in this project, INAC will be required to complete an environmental screening to meet the requirements of CEAA.

The full CEAA screening report is attached and relevant correspondence is available upon request. Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4548 or by e-mail at johnsonmi@inac.gc.ca.

Sincerely,
Original signed by:

Michelle Johnson
Kitikmeot/Kivalliq Regional Coordinator

c.c.: Jordan DeGroot, Department of Fisheries and Oceans
Paula Pacholek, Environment Canada
Maria Ooi, Health Canada

CEAA SCREENING FORM
Indian and Northern Affairs Canada
Nunavut Region

1. General File Information on Screening

File Number: NWB3COR
Can be permit or licence number

*FEAI I.D. Reference Number:
A number assigned by the Agency; to be inserted here upon receipt of number from Agency

*Project Title: Coral Harbour Water Licence
Title of project

*Alias Project Title: None
Alternate project name (if any)

Proponent: Hamlet of Coral Harbour
Company/Applicant

Type of proponent: Municipal Government
(e.g., Industry, Government, Other private)

*Subject Descriptors: Inland Waters
See Appendix A

*EA Type: Screening
Screening, Class Screening or Comprehensive Study

*EA Start Date: July 9, 2002
Date application received

Proposed Date of Activity: Open - 2002

*EA Determination: 20 (1)(a) Water Licence Application may proceed (see attached letter for comments)
Final screening determination from subsection 20(1) and section 23 -- see # 13 of Screening Form and insert number here

Project Abandoned Yes N/A
Explain reason for abandonment

*EA Determination Date: July 31, 2002
Date of screening decision

Follow-up program required:

Annual INAC Water Licence Inspections

Yes/No If Yes, by NAP or proponent (or both)

*Estimated Follow-up program termination date: N/A

* Means this is a required field for a public registry

2. Responsible Authority (RA) Information

*Lead RA and Screening Division: INAC - Water Resources
Division of DIAND (e.g. Water Resources, Land Administration, etc.)

Lead RA Contact: Michelle Johnson, (867) 975-4548
Name and telephone # of Regional Manager or Screener

NAP District: Nunavut

*Lead RA Trigger Types: Inclusion List (Part X, Item 69)
(e.g., proponent, funding, land disposition, law list approvals)

Type of Application: Water Licence
(e.g., water licence, land use permit, quarry permit, lease, reserve, OIC)

Type of Approval being sought: New
(e.g., new, renewal, amendment, cancellation)

Present licence/permit/lease number: None

Other RAs or Screening Divisions: None
If yes, is there an Integrated Screening underway?

*Other RA Trigger Types: None

Other RA Types of Approval: None

Project File Location:
NAP office where project file is located

3. Project Location

*Region: Nunavut
Province/Territory

Topographic Map Sheet Number:
1:50,000 map sheet number

*Geographic Place Name: Coral Harbour
(e.g., nearest place name or geographic feature)

Latitude / Longitude: 64° 08'N, 83° 10'W
(e.g., degrees, minutes, seconds)

*Drainage Region: Peace Athabasca Arctic Coast Islands Lower Mackenzie ***Keewatin***

Watershed: Post River
(nearest creek, river or lake system)

Street Name: N/A
(complete address of project if it occurs in a municipality)

*Nearest Community: Coral Harbour

Surrounding Land Status: Crown Land
(e.g., private, Commissioner's, crown land, settlement land)

Special Designation: No
(Yes / No – e.g. heritage river system)

- **Project Description**

*Physical Work Being Assessed: Municipal Infrastructure: water use and waste disposal
(e.g. road, bridges, etc.)

*Multiple Activities?: ✔ Yes ___ No

*Physical Activity as identified from Inclusion List: Water Use
(e.g., water use, etc.)

*Project Category Code: ***Point*** Linear Areal circle one

*Phase of Project / Primary Undertaking: Operation/ maintenance of water use and waste disposal facilities
(e.g., construction, modification, operation, ~~abandonment~~, ~~decommissioning~~, repair, maintenance, installation, or expansion)

Project Description: Describe thoroughly (e.g. duration of project, size of project, related physical activities, machinery used, fuels and chemical use and storage, etc.)

Water Supply - water is pumped from the Post River to a reservoir and chlorinated in the pumphouse by a hypochlorinator

Sewage - all buildings have holding tanks that are pumped out, these wastes are discharged to a wetland lagoon system that consists of four shallow ponds covering a 105 hectare area

Solid Waste - collected by truck and deposited at a site located 2.5 km northwest of the community, the site is not fenced which leads to scattered refuse in the area of the site; hazardous materials are stored separately near the hamlet shop but there is no procedure to contain these wastes and mitigate environmental impacts; bulky metal wastes are discarded with household waste at the waste disposal site

Future Modifications - the Hamlet plans to improve the sewage truck disposal area by reconstructing the retaining wall, and adding bollards, wheel stops and signs; the Hamlet also plans to fence the solid waste disposal site and then relocate the site in the next five years, no significant changes are planned at this time

What sources of information did you use?

✔ other government data
___ historical maps
___ scientific reports
___ personal information
___ CEAA public registry system
___ contour maps
✔ other; Water Licence Application and supporting documentation

5. Description of Environment

*Ecozone: #13 - Southern Arctic

See Appendix B for zone names

Description of Biophysical Environment:

- Coral Harbour is located at South Bay, in the Boothia-Foxe Lowland Ecoregion, on the southern end of Southampton Island, the community is 720 kilometers west of Iqaluit and 1560 km northeast of Yellowknife, elevation is 64 meters above sea level
- the landscape is a combination of exposed bedrock and fine granular material in low lying areas, the active layer of permafrost extends to approximately two meters, Coral Harbour receives an average of 146.0 centimeters of precipitation annually, 14.1 centimeters as rain and 131.9 centimeters as snow

Description of socio-economic and cultural environment:

- the population is approximately 750-800 people and the annual growth rate is 3.01%, the population is predominantly Inuit with some non-Inuit residents
- hamlet level of government, local infrastructure includes an airport, RCMP office, community health center, school, weather station and government offices
- major activities include hunting, fishing, arts and crafts; local businesses include meat product and food sales, general retail, hotels, and outfitting

Past and Current Land Use Activities in the Area

- ✔ Historical Maps (expired permits and licences)
- ✔ Running Maps (current permits and licences)
- ___ Interference Maps (other land dispositions)
- ___ Public Registry System
- ___ GIS
- ___ Indian Land Registry
- ___ Land Transition Management Style

6. Consultation/Referral of Application

Was public consultation deemed appropriate? ___ Yes ✔ No

Date application referred to government departments: June 12, 2002

Date application referred to public: N/A

Deadline date for public comments: N/A

		Referral sent to:	Date comments received:
Federal Government		Contact Person	
DIAND	Water	✔ Michelle Johnson	✔ July 25, 2002
	Lands	○	○
	Minerals	○	○
	Ec. Dev.	○	○
	Env'nt	○	○
	I&I	○	○
	D.M.	○	○
	R.M.O.	○	○
DFO		✔ Jordan DeGroot	✔ July 9, 2002
DOE		✔ Anne Wilson	✔ July 31, 2002
Health Canada		✔ Maria Ooi	✔ July 31, 2002
DOT		○	○
Coast Guard		○	○
Nunavut Government			
CG&T		✔ Director	○ None received
Health		○	○
DSD		✔ Director, Env. Protection	○ None received
Tourism		○	○
CLEY		✔ Leah Otak	○ None received
Other:		○	○
Institutions of Public Government			
NIRB		○	○
NWB		○	○
NWMB		○	○
NPC		○	○
NSRT		○	○
Inuit Organizations			
NTI		✔ Manager of Lands	○ None received
QIA/*KIA*/KIA		✔ Manager of Lands	○ None received
QWB		○	○
		○	○
		○	○
Public/Interested Parties			
HTO (Coral Harbour)		✔	○ None received
Hamlet		✔	○ None received
		○	○
		○	○
		○	○

record of comments attached to screening form

7. Identification of Project Components and Environmental Effects

Identify all components of the project under screening and their potential adverse environmental effects

Project Components
(✓ check all the items appropriate to this project)

__ access road
  __ construction
  __ abandonment/removal
  __ modification e.g., widening, straightening
__ automobile, aircraft or vessel movement
__ blasting
__ building
✔ burning
✔ burying
__ channelling
__ cut and fill
__ cutting of trees or removal of vegetation
__ dams and impoundments
  __ construction
  __ abandonment/removal
  __ modification
__ ditch construction
__ drainage alteration
__ drilling other than geoscientific
__ ecological surveys
__ excavation
__ explosive storage
__ fuel storage
✔ garbage
  ✔ disposal of hazardous waste
  ✔ disposal of sewage
  ✔ waste generation
__ geoscientific sampling
  __ trenching
  __ diamond drill
  __ borehole core sampling
  __ bulk soil sampling
__ gravel
__ hydrological testing
__ site restoration
  __ fertilization
  __ grubbing
  __ planting/seeding
  __ reforestation
  __ scarify
  __ spraying
  __ recontouring
__ slash and burn
__ soil testing
__ topsoil, overburden or soil
  __ fill
  __ disposal
  __ removal
  __ storage
__ stream crossing/bridging
__ tunneling/underground
__ other, explain:_____

✔ accidents or malfunctions (Check if there is a possibility for malfunctions and accidents with this project. Describe:
- potential for sewage spills from trucks

✔ effects of environment on project (e.g. beaver dams). Describe:
- effects of cold weather on lagoon-wetland (freezing)

Project Effects
(✓ check all the items appropriate to this project)

Biophysical Environment
1. ✔ deposit into surface water
2. __ deposit into ground water
3. __ change in surface water flow
4. __ change in ground water flow
5. __ change in water temperature
6. __ change in drainage pattern

7. __ change in air quality
8. __ change in air flow
9. __ micro-climate change
10. __ ice fog

11. __ change in ambient noise level
12. __ change in slope stability
13. __ change in soil structure
14. __ alteration of permafrost regime
15. __ destabilization/erosion
16. __ soil compaction

17. __ loss of access to non-renewable resource
18. __ depletion of non-renewable resource

19. __ removal of rare/endangered plant species
20. __ introduction of species
21. __ toxin/heavy metal accumulation

22. __ removal of rare/endangered wildlife species
23. __ change in wildlife health
24. ✔ impact to large mammals
25. ✔ impact to small mammals
26. ✔ impact to fish
27. __ impact to birds
28. __ impact to other wildlife
29. __ impact in a calving, nesting or spawning area
30. __ removal of wildlife buffer zone
31. __ change in wildlife habitat/ecosystem
32. ✔ other, explain: marine water quality

Directly-related Socio-economic and Cultural Environment
33. __ impact to trappers
34. __ impact to hunting
35. __ impact to outfitters
36. __ recreational or back country use
37. __ impact to fishing
38. __ impact to First Nation traditional use
39. __ impact to community
40. __ impact to industry
41. ✔ impact to community health
42. __ change in manpower or community economics
43. __ change in housing or infrastructure
44. __ change in regional transportation
45. __ other, explain:_____

46. __ impact to traditional use area
47. __ impact to historical site or cultural landmark
48. __ impact to local aesthetics
49. __ impact to archaeological or historical site
50. __ other, explain:_____

7. Identification of Project Components and Environmental Effects (Cont.)

Describe biophysical and socio-economic and cultural environmental effects identified from checklist.

Environmental Effect	Describe
surface water (fresh and saltwater)	inadequately treated sewage may have impacts on water quality by contributing suspended solids and nutrients
fisheries	sewage effluent may effect fish habitat, specifically through sedimentation
community health	the impact on fish could possible affect community health if they are subsequently consumed by the community

8. Identification of Other Resource Uses and Their Environmental Effects

Identify relevant past, current and future (pending applications) physical works and activities and their potential adverse environmental effects.

Other Resource Uses
(✓ check all the items appropriate to this project)

__ agriculture

__ forestry
  __ commercial
  __ domestic

✓ fishing

✓ hunting/subsistence

✓ urbanization
  ✓ commercial / residential
  ✓ Built structures
  ✓ Infrastructure

__ mining
  __ exploration
  __ open pits
  __ underground

__ quarries

✓ transportation/communications
  ✓ roads/trails
  __ channels/canal
  __ telephone lines, satellite dishes, cables
  __ beacons

__ solid waste disposal

__ energy project
  __ hydro
  __ pipeline
  __ transmission line

__ other water licences, permits, leases

__ land claims
  __ selected
  __ withdrawn
  __ special management
  __ heritage sites
  __ cultural sites

__ other private lands held under tenure

__ recreational

✓ trapping

__ mineral processing

__ airport

__ recreation

__ other heritage site

__ other, explain:_____

Effects from other Resource Uses
(✓ check all the items appropriate to the scope of this project)

Biophysical Environment
1. ✓ deposit into surface water
2. __ deposit into ground water
3. __ change in surface water flow
4. __ change in ground water flow
5. __ change in water temperature
6. __ change in drainage pattern

7. ✓ change in air quality
8. __ change in air flow
9. __ micro-climate change
10. __ ice fog

11. __ change in ambient noise level
12. __ change in slope stability
13. ✓ change in soil structure
14. ✓ alteration of permafrost regime
15. __ destabilization/erosion
16. ✓ soil compaction

17. __ loss of access to non-renewable resource
18. __ depletion of non-renewable resource

19. __ removal of rare/endangered plant species
20. __ introduction of species
21. __ toxin/heavy metal accumulation

22. __ removal of rare/endangered wildlife species
23. __ change in wildlife health
24. ✓ impact to large mammals
25. ✓ impact to small mammals
26. ✓ impact to fish
27. __ impact to birds
28. __ impact to other wildlife
29. __ impact in a calving, nesting or spawning area
30. __ removal of wildlife buffer zone
31. __ change in wildlife habitat/ecosystem
32. ✓ other, explain: marine water quality

Directly-related Socio-economic and Cultural Environment
33. __ impact to trappers
34. __ impact to hunting
35. __ impact to outfitters
36. __ recreational or back country use
37. __ impact to fishing
38. __ impact to First Nation traditional use
39. __ impact to community
40. __ impact to industry
41. __ impact to community health
42. __ change in manpower or community economics
43. __ change in housing or infrastructure
44. __ change in regional transportation
45. __ other, explain:_____

46. __ impact to traditional use area
47. __ impact to historical site or cultural landmark
48. __ impact to local aesthetics
49. __ impact to archaeological or historical site
50. __ other, explain:_____

9. Cumulative Environmental Effects

Based on a comparison of effects identified in #7 and #8.

Matching Number(s)	Description of cumulative environmental effects
24,-26	Inadequately treated sewage effluent may have cumulative effects on fish and marine mammals, monitoring the wetland treatment system will help mitigate these effects
41	As mentioned above, inadequately treated sewage may impact community health if impacted fish are consumed; at this time, continued use of the existing wetland treatment system will mitigate this effect

10. Mitigation Measures

For each environmental effect identified in #7 and #8, describe the required mitigation measure(s)

Number(s)	Description of Mitigation Measure(s)
1	- install and maintain fencing to prevent scattering of solid waste - locate all waste, sewage contaminants, and fuel caches a minimum of 30 meters from the normal high water mark of any water body, and be sufficiently bermed or otherwise contained to ensure that deleterious substances do not enter any water body - locate all waste disposal areas at least 450 metres from any building used for human habitation or for the storage of food, as per the *General Sanitation Regulations, Public Health Act*.
26	-ensure compliance with the *Freshwater Intake End-of-Pipe Fish Screen Guideline* (DFO, 1995), available upon request from DFO.
41	- locate all waste disposal areas at least 450 metres from any building used for human habitation or for the storage of food, as per the *General Sanitation Regulations, Public Health Act*.
1, 32	- physically separate the solid waste disposal site and the sewage wetland treatment area to prevent leachate from the landfill from entering the wetland
1,26,32	-prepare and submit an Operation and Maintenance Plan that includes a procedure to implement and maintain sediment and erosion control measures prior to, and during work to prevent sediment entry into the water during a spring thaw; upon completion of work, all disturbed Areas should be stabilized and re-vegetated as required, and restored to a pre-disturbed state -ensure that materials are removed from the ice prior to spring break-up to minimize the potential for that material to enter the water
1,24-26,32,41	- develop and implement an Operation and Maintenance Plan that outlines procedures for the safe handling, storage and disposal of waste oil and other hazardous wastes, storage and disposal/removal of bulky items and scrap metal, trench filling, compacting and covering (currently done on an infrequent basis, every two years) - designate a suitable area for hazardous waste storage, if plans to purchase a waste oil furnace are implemented, develop a procedure for bulking, settling and storing the waste oil - relocate all bulky wastes to a single area within the footprint of the solid waste disposal site, restore former sites - ensure that wastes are not deposited into water, specifically the pooled water along the toe of the solid waste disposal facility - establish an SNP station to monitor standing water quality at the landfill site, past analytical results from this pond have indicated metal concentrations exceeding the *Canadian Water Quality Guidelines for the Protection of Freshwater Aquatic Life* (copper-5 µg/L vs 4 µg/L; iron-2.36 mg/L vs 0.3 mg/L, and zinc-130 µg/L vs 30 µg/L) - submit a plan to improve drainage at the waste disposal site and prevent the accumulation of standing water - prepare and submit an abandonment and restoration plan for the waste disposal site (the Hamlet plans to open a new site in approximately five years) - sample lagoon effluent monthly, during periods of flow, as per the *Guidelines for the Discharge of Treated Municipal Wastewater in the Northwest Territories* (1992), the effluent must meet the following criteria: Total Suspended Solids - 100 mg/L, BOD - 80 mg/L, Oil and Grease - no visible sheen, pH - 6-9, Total Coliform - 10,000 CFU/100 mL, Ammonia - monitor only

11. Significance

After taking into account the above mitigation measures, are any of the adverse environmental effects significant?

___ Yes ✔ No If yes, identify which one(s) and proceed to #12; if no, proceed to #13.

Number(s) _____ _____ _____

_____ _____ _____

12. Likelihood of Occurrence

Of the identified adverse significant environmental effects in #11 which are likely to occur?

___ Yes ___ No

Number(s) _____ _____ _____

_____ _____ _____

13. CEAA Determination Recommendation

✔ Section 20 (1)(a) - Project may proceed as it is not likely to cause significant adverse environmental effects. **Refer to attached cover letter for recommendations.**

_____ Section 20 (1)(b) - Project may not proceed as it is likely to cause significant adverse environmental effects that cannot be justified.

_____ Section 20 (1)(c)(i) - Project must be referred to the Minister of Environment as it is uncertain whether the project is likely to cause significant adverse environmental effects

_____ Section 20 (1)(c)(ii) - Project must be referred to the Minister of Environment as it is likely to cause significant adverse environmental effects.

_____ Section 20 (1)(c)(iii) - Project must be referred to the Minister of Environment as public concerns warrant the reference.

14. Screening Report and/or Decision Report

Public Notice of availability of Screening Report	___ Yes	✔ No
Public Notice of availability of Decision Report	___ Yes	✔ No
	___ No Decision Report	
Decision Report sent out Yes No	To whom: Nunavut Water Board, Health Canada, Environment Canada, Department of Fisheries and Oceans	
Public Comments Received on Screening Report	___ Yes	✔ No
Public Comments Received on Decision Report	___ Yes	✔ No
Record of Comments attached to screening form	___ Yes	✔ No, available upon request

15. Authorization

Prepared By:_____ Date: July 31, 2002
Screener

Approved By:_____ Date: July 31, 2002
Decision Maker (e.g., Regional Manager, engineer, etc.)

Appendix A: Subject Descriptors

Choose from this list and insert as a "Subject Descriptor"

- agriculture
- buildings
- communications
- defence
- energy
- forestry
- industry
- inland waters
- mining
- oceans
- oil and gas
- parks
- transportation

Appendix B: Ecozone

Choose from this list and insert as "Ecozone" (Note that this list only includes Ecozone found within Nunavut).

08	Taiga Shield	South-eastern mainland near the Hamlet of Arviat, as well the Belcher Islands and Sanikiluaq.
10	Hudson Plains	The islands within James Bay, such as Bear Island.
13	Southern Arctic	Nunavut mainland, including Coral Harbour, Baker Lake, Kugluktuk and the Jericho/Lupin Mines area. Also includes Southampton Island and the community of Coral Harbour. Does not include the Melville Peninsula area.
14	Northern Arctic	The Melville Peninsula (Igloolik and Hall Beach) as well as all of the arctic islands, including Baffin, Ellesmere and Victoria (with the exception of Southampton Island). Note that it does not include the Cordillera regions on the eastern coasts of Baffin and Ellesmere Islands.
15	Arctic Cordillera	The area within the mountainous Cordillera, which include the east coasts of Baffin Island, Devon Island and Ellesmere Island.

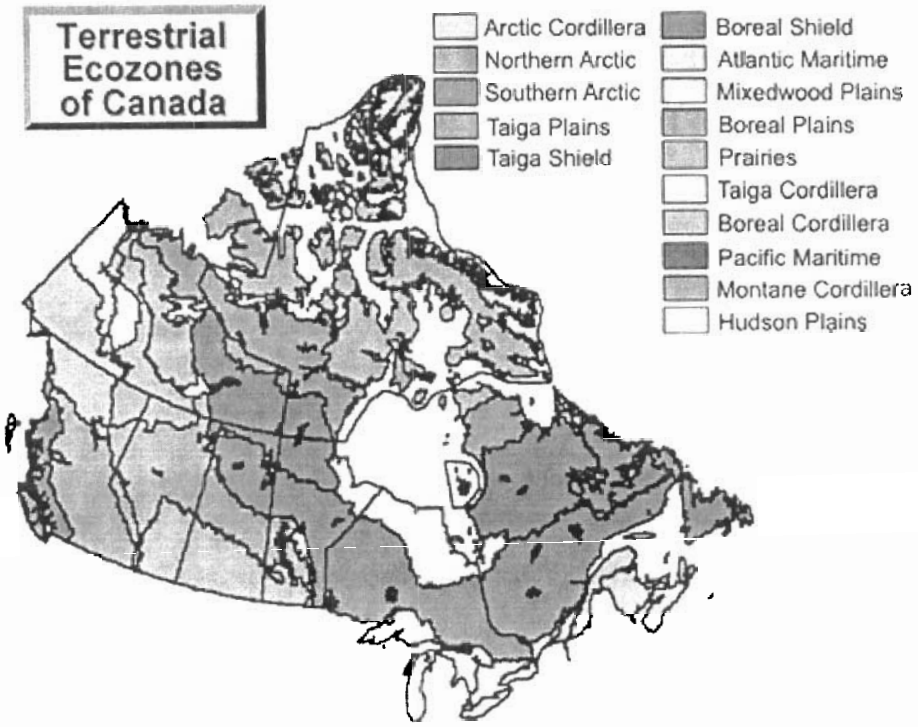

Image taken from Environment Canada at: http://www2.ec.gc.ca/soer-ree/English/vignettes/Terrestrial/terr.cfm