

Federal Environmental Assessment and Review Process

## Register of Panel Projects

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OFFICE OF THE EXECUTIVE CHAIRMAN  
FEDERAL ENVIRONMENTAL ASSESSMENT REVIEW OFFICE  
HULL, QUEBEC K1A 0H3  
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## CONTENTS

INTRODUCTION .....	1
FEDERAL ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS: .....	
BRIEF SUMMARY .....	3
INFORMATION ON PANEL PROJECTS	
Alaska Highway Gas Pipeline Project .....	5
Arctic Pilot Project (Northern Component) .....	6
Arctic Pilot Project (Nova Scotia Component) .....	7
Arctic Pilot Project (Quebec Component) .....	7
Banff National Park Highway Project .....	8
<b>Beaufort</b> Sea Hydrocarbon Development .....	<b>8</b>
Eastern Arctic Offshore Drilling — North Davis Strait Project.. .....	9
Fraser River Shipping Channel .....	<b>10</b>
Grand Banks — Possible Oil Production .....	11
Quebec Port Expansion Project .....	11
Shoal Lake Cottage Lot Development.. .....	12
Slave River Hydro Project.. .....	12
LIST OF DORMANT PROJECTS	
Bay of Fundy Tidal Power Generation Project.....	13
Dempster Pipeline Project.. .....	13
Mackenzie Delta Gas Gathering System.. .....	13
Polar Gas Project .....	14
South Yukon Transportation Study.. .....	14
Vancouver International Airport — Expansion of Air Traffic Capacity.. .....	14
LIST OF REVIEWED PANEL PROJECTS .....	15

## INTRODUCTION

This publication provides public and private agencies, interest groups, and members of the general public with information on the projects submitted to the Federal Environmental Assessment Review Office for formal review, under the Environmental Assessment and Review Process (EARP).

The contents are arranged as follows:

**1. The Federal Environmental Assessment and Review Process: Brief Summary**

**2. Information on Panel Projects**

This section contains either the project title, the identification of the proponent and/or initiator, the project description, its status under EARP, the Panel Members and the future events, or, when the review is completed, the project title, the identification of the proponent and/or initiator and the summary of the Panel Report to the Minister of the Environment.

**3. List of Dormant Projects**

This section contains the project title, the identification of the proponent and/or the initiator, the project description and the name of the person to contact for further information.

**4. List of Reviewed Projects**

This section lists those projects that have been reviewed under the federal Environmental Assessment and Review Process and on which an Environmental Assessment Panel has submitted its report to the Minister of the Environment.

## FEDERAL ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS: BRIEF SUMMARY

The decision to institute a federal Environmental Assessment and Review Process for federal projects, programs and activities was made by Cabinet on December 20, 1973 and further amended on February 15, 1977.

By the 1973 Decision, the Minister of the Environment was directed to establish, in cooperation with other ministers, a process to ensure that federal departments and agencies:

- take environmental matters into account throughout the planning and implementation of new projects, programs and activities;
- carry out an environmental assessment for all projects which may have adverse effect on the environment before commitments or irrevocable decisions are made; projects which may have significant effects have to be submitted to the Federal Environmental Assessment Review Office for formal review;
- use the results of these assessments in planning, decision-making and implementation.

Further the role of the Minister of the Environment in this area is also cited in the Government Organization Act, 1979. The Act states that the Minister "... shall initiate, recommend and undertake programs and co-ordinate programs of the Government of Canada, that are designed. . . to ensure that new federal projects, programs and activities are assessed early in the planning process for potential adverse effects on the quality of the natural environment and that a further review is carried out of those projects, programs and activities that are found to have probable significant adverse effects, and results thereof taken into account..."

The Process established by the Minister of the Environment, through the Interdepartmental Committee on the Environment, is based essentially on the self-assessment approach. Departments and agencies are responsible for assessing the environmental consequences of their own projects and activities or those for which they assume the role of initiator, and deciding on the environmental significance of the anticipated effects.

As early in the planning phase as possible, the initiating department screens all projects for potential adverse environmental effects. One of the following four decisions is possible from this procedure:

- (a) No adverse environmental effects, no action needed:

- (b) Environmental effects are known and are not considered significant. Effects identified can be mitigated through environmental design and conformance to legislation/regulations. The initiator is responsible for taking the appropriate action but no further reference to the procedures of the Environmental Assessment and Review Process is required.
- (c) The nature and scope of potential adverse environmental effects are not fully known. A more detailed assessment is required to identify environmental consequences and to assess their significance. The initiator therefore prepares or procures an *Initial Environmental Evaluation* (IEE). A review of the IEE will indicate to the Initiator whether alternative (b) above or (d) below should be followed.
- (d) The initiator recognizes that significant environmental effects are involved and requests the Executive Chairman, Federal Environmental Assessment Review Office, to establish a Panel to review the project.

If the Initiator decides to submit a project for Panel review, that project may not proceed until this review is completed and recommendations are made to the Minister of the Environment.

The Panel established by the Executive Chairman, Federal Environmental Assessment Review Office, issues guidelines for the preparation of an *Environmental Impact Statement* (EIS), by the Initiator or associated proponent, reviews the EIS, obtains the public response to the EIS and acquires additional information deemed necessary. It then advises the Minister of the Environment on the acceptability (or otherwise) of the residual environmental effects identified.

The Minister of the Environment and the Minister of the initiating department decide on the action to be taken on the report submitted by the Panel. These are implemented by the appropriate Ministers and associated proponents.

Further information may be obtained from:

Federal Environmental Assessment Review Office  
13th Floor, Fontaine Bldg., Hull, Quebec K1A 0H3

and

Federal Environmental Assessment Review Office  
700 - 789 West Pender Street  
Vancouver, British Columbia V6C1H2

## ALASKA HIGHWAY GAS PIPELINE

**Proponent:** Foothills Pipe Lines (South Yukon) Ltd.

**Contact:** 1600 – 205, 5th Avenue S.W., Box 9083,  
Calgary, Alberta, T2P 2W4

**Initiator:** Northern Pipeline Agency

**Contact:** Mr. A.B. Yates, Deputy Administrator, 400 –  
4th Avenue S.W. Calgary, Alberta

### Description

Construction and operation of a buried gas transmission line in the Southern sector of the Yukon Territory, to initially transport Alaska gas to U.S. markets in the lower 48 states. The proposed Yukon section of the line runs from Beaver Creek in the western corner of the Yukon, along the existing Alaska Highway for 512 miles to Watson Lake in the southeast Yukon. At its northern end the pipeline is proposed to connect to 732 miles of pipeline in Alaska, and at its southern end to 1500 miles of proposed line in British Columbia, Alberta and Saskatchewan. The system will tie in at the 49th parallel with the U.S. system. The projected cost of the Beaver Creek to Watson Lake line is \$1.24 billion (1976 dollars).

### Status under EARP

The project was referred for formal Panel review in March 1977, and the Panel was formed in May, 1977. Panel members are:

Ewan Cotterill, Chairman  
FEARO  
Hull, Quebec

W. Klassen  
Yukon Territorial Government  
Whitehorse, Yukon

O. Hughes  
Energy, Mines and Resources  
Calgary, Alberta

D.S. Lacate  
Environment Canada  
Vancouver, B.C.

P. H. Beau bier  
Indian Affairs and Northern  
Development  
Whitehorse, Yukon

C.E. Wykes  
Environment Canada  
Whitehorse, Yukon

Executive Secretary to the Panel:  
P. J.B. Duffy, FEARO, Hull, Quebec  
K1A 0H3 (819) 997-1000

The Panel held a preliminary meeting in May 1977 in Whitehorse to inform the public of the project and to

obtain public feedback on the procedures for the substantive hearings. The first part of the hearings were held June 13 to 17 in Whitehorse and dealt with the identification of environmental concerns. Community meetings along the proposed pipeline route were also held in May and June. The Panel conducted the second phase of the hearings, commencing July 5 in Whitehorse. This phase concentrated on obtaining further information from the public and from technical experts assigned to assist the Panel on the concerns raised in the June meeting.

The Panel delivered its preliminary report to the Minister in early August, 1977. The Governments of Canada and of the U.S.A. agreed in September, 1977 to use the Alaska Highway route for the southern transport of Alaska gas. Guidelines for a detailed environmental impact statement were issued to the proponent and the initiating department in December, 1977. The guidelines are available to interested parties on request.

An Environmental Impact Statement was prepared by the Proponent and distributed for public and technical review in January, 1979. Public hearings were held in Yukon communities, including Whitehorse, in March and April of 1979. The Panel concluded (on April 28, 1979) that the Proponent had not provided sufficient information, on certain aspects of the project, to enable the Panel to complete its environmental review at that time.

The Panel prepared a second report requiring that the Proponent complete its assessment of the project. This report was transmitted to the Minister of the Environment and authorized for public release in September, 1979. The Panel has recommenced the public review after receiving new information from Foothills in early 1981. The first item is the pipeline routing question in the Ibex/Whitehorse area. Following technical and public review (June, 1981) of this matter, the Panel prepared a report to the Minister of the Environment. The Panel recommended against the Ibex Pass route which was favored by Foothills. In order to avoid problems of increased access to the Ibex Pass area and to retain options for the tie-in with the proposed Dempster Lateral Pipeline, the Panel recommended the First Whitehorse Route with the West Whitehorse Cut-off route.

The Panel report is available from FEARO offices on request.

Several packages of documents will be mailed to interested parties for public and technical review up to autumn, 1981. Following the review, the Panel will report to the Federal Minister of the Environment on the adequacy of environmental planning on the project.

## ARCTIC PILOT PROJECT (Northern Component)

**Initiators:** Department of Indian and Northern Development and Petro-Canada

**Proponent:** Petro-Canada

### **Summary of the Panel report to the Minister of the Environment (Report no. 14, October 1980)**

The Arctic Pilot Project would involve the production and liquefaction of 6.4 million cubic metres (225 million cubic feet) of natural gas per day from the Drake Point field on Melville Island and its shipment to eastern Canadian markets in icebreaking tankers. The Environmental Assessment Panel has reviewed the northern component of the project which includes the facilities on Melville Island, and shipment of liquified natural gas by two icebreaking carriers through Parry Channel, and south through Baffin Bay and Davis Strait to the approaches to a southern Canadian terminal.

In January, 1979, an Environmental Statement was issued by the Arctic Pilot Project. This document along with a Socio-economic Statement supplementary information requested by the panel served as input to the review of the project.

The Panel solicited comments on the project from the public and from government agencies and in April, 1980, held public meetings in the communities of Arctic Bay, Pond Inlet, Grise Fiord and Resolute which are located in the area of the proposed shipping route. The Panel considered issues relating to the project rationale, long-term implications, the development on Melville Island, the shipping aspects and the overall impact on the human environment. After carefully considering the information presented, the Panel reached a number of conclusions and has formulated certain recommendations which are contained in this report.

The Panel's review has led to the conclusion that the project *as presented is environmentally acceptable provided certain conditions are met.*

The Panel recognizes that this project would be a "pilot" project in the sense that it would pioneer year-round arctic transportation and develop in Canada a greater arctic expertise within industry and government. It also recognizes that year-round shipping of oil or gas on a much larger scale is being considered by others and that there is a paucity of information on potential impact in some areas in spite of the effort made by the Proponent in preparation for this review.

The Panel believes that the relatively small-scale shipping proposal by the Arctic Pilot Project would permit further study and allow more accurate assessment of potential impacts and ways to minimize or determine more fully the effects of large scale shipping.

Parry Channel supports a biologically rich community of birds and mammals, many of which are considered to be of national and international importance. Traditional harvesting of natural resources by Inuit for home-use and income is still important in this region. It is essential, therefore, that ships be routed to avoid environmentally sensitive areas in Parry Channel and that advantage be taken of the pilot nature of this project to monitor and research the effects of year-round shipping in the Arctic. In the Panel's opinion, this can only be achieved through the formation and effective operation of a control authority by the Minister of Transport. The authority would monitor ship movements and enforce good seamanship and appropriate environmental regulations such as those now in existence under the Arctic Waters Pollution Prevention Act.

Advantage should be taken of the long lead time required for the project to become operational to establish the control authority with a view to having an integrated routing system in place to deal with future ship traffic. To assist the control authority further, the Panel recommends that the Departments of Environment and Fisheries and Oceans establish an advisory committee which would recommend and approve studies necessary to allow biological information to be effectively integrated into the route selection process. Membership on this committee should include the Proponent, Inuit, the territorial government and other federal departments. Without further research on marine mammals, guided by the advice of Inuit and of government scientists and without a monitoring and control mechanism for the selection of the shipping routes, the Panel is unable to recommend that the project is environmentally acceptable.

The Panel has also recommended a number of specific conditions relating to the Drake Point facilities, Melville Island pipeline, Bridport Inlet facilities, shipping and the human environment as a result of its assessment of the Arctic Pilot Project.

## ARCTIC PILOT PROJECT

(Nova Scotia Component)

**Proponents:** Petro-Canada and TransCanada Pipelines

**Contact:** D. Bruchet, Petro-Canada, P.O. Box 2844,  
Calgary, Alberta, T2P 3E3

### Description

As part of the review of the Arctic Pilot Project a joint federal/ provincial Panel reviewed the proposed terminal and regasification facilities at **Melford** Point, Nova Scotia, as well as the shipping route leading to it.

### Status under EARP

The Panel was formed in February, 1981. Members are:

C.A. Campbell, Chairman  
Consulting Engineer  
Sydney, N.S.

W.L. Ford  
Oceanographic Consultant  
Halifax, N.S.

B. Lynch  
St. Francis Xavier University  
Antigonish, N.S.

J.S. Klenavic  
Federal Environmental Assessment  
Review Office  
Hull, Que.

R. H. Bailey  
Nova Scotia Dept. of Environment  
Halifax, N.S.

### Future Events

Public meetings were held in Mulgrave in April and June to receive submissions and views from the public and government agencies. The Panel's report is expected shortly.

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## ARCTIC PILOT PROJECT

(Quebec Component)

**Proponents:** Petro-Canada and TransCanada Pipelines

**Contact:** D. Bruchet, Petro-Canada, P.O. box 2844,  
Calgary, Alberta, T2P 3E3

### Description

As part of the review of the Arctic Pilot Project a joint federal/provincial Panel reviewed the proposed terminal and regasification facilities at Gros Cacouna, Quebec, as well as the shipping route leading to it.

### Status under EARP

Panel formed November 1980. Members were:

M. Lamontagne, Chairman  
Bureau d'audiences publiques  
sur l'environnement  
Quebec, Quebec

G. Drapeau  
Oceanology Research Centre  
Rimouski, Quebec

J. Klenavic  
Federal Environmental  
Assessment Review Office  
Hull, Quebec

L. Ouimet  
Bureau d'audiences publiques  
sur l'environnement  
Montreal, Quebec

M. Yergeau  
Bureau d'audiences publiques  
sur l'environnement  
Montreal, Quebec

Public meetings were held in January and February in **Rivière du Loup**. The Panel's report, available from Bureau d'audiences publiques sur l'environnement, was made public in May 1981. The Panel endorsed the proposal, subject to certain conditions.

## BANFF NATIONAL PARK HIGHWAY PROPOSED IMPROVEMENTS

**Proponent:** Federal Department of Public Works

**Contact:** F. Thompson, Public Works Canada, 9925 –  
109 St., Edmonton, Alta.

### Description

The proposal is for improvements to the existing Trans-Canada Highway in Banff National Park from the eastern gate to Healy Creek (27 kilometres) to resolve traffic flow problems including increase to 4 lanes and interchange modifications.

### Status under EARP

The project was referred for Panel review in May 1978. Following receipt of an EIS for km 0 to km 13, the Panel prepared a report on this section to the Minister of the Environment (Report no. 11, Banff Highway Project, East Gate to km 13, October 1979).

Panel members are:

P. J. Paradine, Chairman  
FEARO  
Hull, Quebec

W.R. Binks  
Professional Engineer  
Ottawa, Ontario

J. Hartley  
Parks Canada Western Region  
Calgary, Alberta

W. Ross  
University of Calgary, Alberta

J.S. Tener  
Ottawa, Ontario

Executive Secretary to the Panel:  
Guy Riverin, FEARO, Hull, Quebec  
K1A 0H3 (819) 997-1000

### Future Events

An EIS on phase II (km 13 to 27) was received in August 1981. Comments from technical agencies and the public are being solicited. Public meetings are anticipated for the fall 1981.

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## BEAUFORT SEA HYDROCARBON DEVELOPMENT

**Proponents:** Dome Petroleum Limited, ESSO  
Resources Canada Ltd., Gulf Canada  
Resources Ltd.

**Initiator:** Department of Indian and Northern Affairs  
(DIN A)

**Contact:** Dr. O. Løken, DINA, Les Terrasses de la  
Chaudière, Hull, Quebec. Mailing address:  
DINA, Ottawa, K1A 0H4

### Description

Possible oil and gas production from the Beaufort Sea and subsequent transportation to southern markets via ice-breaker, tanker through the Northwest Passage and/or an overland pipeline route. The proposal under review is still at the preliminary design stage with project specific details such as location of development fields, development methods, tanker routes and tanker design, pipeline routes and details of ancillary and support facilities yet to be decided upon.

### Status under EARP

The project was referred for a Panel review on July 22, 1980. Panel members are:

J.S. Tener, Chairman  
Ottawa, Ontario

F. J. Carmichael  
Inuvik, N. W.T.

D.R. Craig  
Carbon, Alberta

L. Ivalu  
Igloolik, N. W.T.

A. Lueck  
Whitehorse, Y.T.

J. R. Mackay  
Vancouver, B.C.

M. Stutter  
Dawson, Y.T.

Executive Secretary to the Panel:  
D.W.I. Marshall, 700-789 West Pender St.  
Vancouver, B.C., V6C 1 H2 (604) 666-2431

The Panel circulated draft EIS guidelines to the public in June, 1981, requesting written comments by September 7, 1981. Requests have been made by the Panel to various departments and agencies for departmental impact statement by the end of 1981. The Minister provided the Panel with terms of reference in June, 1981.

### Future Events

The Panel plans to hold public meetings on the draft EIS guidelines in the near future. Dates and location for the meetings shall be announced in the near future.

## EASTERN ARCTIC OFFSHORE DRILLING — NORTH DAVIS STRAIT PROJECT

**Initiator:** Department of Indian and Northern Affairs

**Contact:** A. Jones, DINA, Les Terrasses de la Chaudière, Hull, Quebec Mailing address: DINA, Ottawa, Ontario K1A 0H4

**Proponent:** Petro-Canada

**Contact:** Gerry Glazier, P.O. Box 2844, Calgary, Alberta, T2P 2M7

### Description

Exploratory drilling for hydrocarbons in the waters off the north-eastern coast of Baffin Island in the Eastern Arctic.

### Status under EARP

The project was referred for Panel review in July, 1977. A task force has developed guidelines for the preparation of an Environmental Impact Statement. The Environmental Impact Statement is presently being prepared.

Panel members are:

R.G. Connelly, Chairman  
Federal Environmental Assessment  
Review Office  
Hull, Quebec

E. J. Sandeman  
Department of Fisheries and Oceans  
St. John's, Newfoundland

Executive Secretary to the Panel:  
R.L. Greyell, FEARO, Hull, Quebec  
K1A 0H3 (819) 997-1000

### Future Events

It is expected that additional members will be added to the Panel and that supplementary guidelines will be issued dealing with social impact.

## FRASER RIVER SHIPPING CHANNEL

**Initiator:** Federal Department of Public Works

**Contact:** E.O. Isfeld, Marine and Civil Engineering,  
Public Works Canada, 11 10 West Georgia  
Street, Vancouver, B.C. V6E 3W5

### Description

Upgrading of the channel of the Fraser River Estuary, New Westminster to Georgia Strait (Vancouver, B.C.), to a standard enabling safe passage on a year round basis for the current types of vessels in common usage. The proposed method of achieving this objective is by installation of training works to enable the river to become primarily self-scouring in specific areas of the main shipping channel. The original proposal called for sufficient training works to be installed to provide a maximum 40' draft. Recent cost-benefit studies have indicated that this proposal is not economically viable at this time and a reduced scheme providing for a somewhat shallower draft is now under consideration.

### Status under EARP

Panel formed July 1976. Members are:

D. W. I. Marshall, Chairman  
FEARO  
Vancouver, B.C.

F.C. Boyd  
Fisheries and Oceans Canada  
Vancouver, B.C.

K. Kupka  
Environment Canada  
West Vancouver, B.C.

S.O. Russell  
University of British Columbia  
Vancouver, B.C.

J. P. Secter, Manager  
British Columbia Ministry of  
Environment  
Victoria, B.C.

J. W. Wilson  
Simon Fraser University  
Burnaby, B.C.

Executive Secretary to the Panel:  
P.F. Scott, FEARO, 700-789 West  
Pender St., Vancouver, B.C. V6C 1H2  
(604) 666-243 1

Guidelines for the preparation of the Environmental Impact Statement (EIS) for the original proposal have been issued by the Panel. Public Works Canada, through a consultant, has almost completed the EIS for the full scheme.

### Future Events

The full scheme EIS is expected to be submitted to the Panel in 1981 along with an outline of the partial scheme proposal. This material will be made available to the public. The Panel will then prepare new guidelines for the completion of an EIS for the partial scheme. Public input will be solicited in the preparation of these new guidelines.

## POSSIBLE OIL PRODUCTION ON THE NORTHEAST GRAND BANKS

**Proponent:** Mobil Oil of Canada Ltd.

**Contact:** R. Stacey, Mobil Oil, Calgary

**Initiator:** Federal Department of Energy, Mines & Resources

### Description

Possible oil production on the northeast Grand Banks, east of Newfoundland. (Mobil Oil of Canada Ltd. is currently carrying out exploration drilling for hydrocarbons in the "Hibernia" field).

### Status under EARP

Panel members appointed in 1980 are:

Philip J. Paradine, Chairman  
FEARO  
Hull, Quebec

Raoul Andersen  
Memorial University of Newfoundland  
St. John's Newfoundland

Irene Baird

St. John's Hospital Council  
St. John's, Newfoundland

Alfred W.H. Needler  
Former Deputy Minister of Fisheries  
St. Andrews, New Brunswick

G. Ross Peters  
Memorial University of Newfoundland  
St. John's, Newfoundland

Executive Secretary to the Panel:  
Guy Riverin, FEARO, Hull, Quebec  
K1A 0H3 (819) 997-1000

The Panel has issued guidelines to Mobil Oil for its use in the preparation of an EIS.

### Future Events

Upon receipt of the EIS (probably in spring 1982) public and technical agency comments will be sought on the project and the EIS itself, prior to public meetings.

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## QUEBEC PORT EXPANSION

**Proponent:** Port of Quebec

**Initiator:** National Harbours Board

**Contact:** Mr. Yvon Bureau, Director of Operations,  
Port of Quebec, 10 Quercy Street, Quebec,  
(Quebec), G1K 7P7

### Description

The Port of Quebec would like to extend its facilities in order to be able to accommodate increased demands for space from its clients. In a development plan published in 1978 the Port authorities indicated that they were hoping in the next 20 years to landfill and develop 330 hectares on the Beauport tidal flats. They are now proposing to proceed with the first phase of their project which consists in building new docks and stocking areas. They would extend their facilities on area of approximately 60 hectares.

### Status under EARP

The membership of the Panel which was formed in 1978, was modified after the departure of two members. The membership is currently as follows:

Mr. Marcel Lortie, Chairman  
Department of Forestry and Geodesy  
Laval University  
Quebec, Quebec

Mr. Fernand Tremblay, Architect  
St. Gelais, Tremblay, Belanger  
Quebec, Quebec

Mr. Vincent Lemieux  
Department of Political Science  
Laval University  
Quebec, Quebec

Mr. Raymond Dufour, Economist  
Major et Martin  
Quebec, Quebec

Mr. Gabriel Filteau  
Laval University  
Quebec, Quebec

The Government of Quebec has been invited to appoint a Panel member

Executive Secretary to the Panel:  
Carol Martin, FEARO, Hull, Que. K1A 0H3  
(819) 997-1000

### Future events

The Panel will resume its activities in September 1981. It is anticipated that the impact study will be submitted to the Panel in October 1981. The public and government agencies will then be invited to review the study and the proposed project. They will be able to present their views at public hearings which will probably be held early in 1982.

## SHOAL LAKE COTTAGE LOT DEVELOPMENT

**Initiator:** Department of Indian & Northern Affairs  
**Contact:** C. Holbrow, District Planner, Indian & Northern Affairs 100 – 4th Avenue South, Kenora, Ontario P9N1Y6

**Proponent:** Shoal Lake Band No. 40

### Description

The proposed project is located at the northwest corner of Shoal Lake on the Manitoba-Ontario border (Shoal Lake Indian Reserve 40). The proponent has proposed construction of approximately 350 cottage lots on the peninsula between Snowshoe Bay and Indian Bay. Shoal Lake is the source of water for the city of Winnipeg.

### Status under EARP

The project was referred to the Federal Environmental Assessment Review Office on March 31, 1980.

Panel formed January 1981:

R.G. Connelly, Chairman  
FEARO  
Hull, Quebec

Lance Roberts  
University of Manitoba  
Winnipeg, Manitoba

William Ward  
Winnipeg, Manitoba

David Witty  
Hilderman, Feir, Witty and Associates  
Winnipeg, Manitoba

Executive Secretary to the Panel:  
R.L. Greyell, FEARO, Hull, Quebec  
K1A 0H3 (819) 997-1000

### Future Events

An Environmental Impact Statement is expected by the end of 1981 in accordance with guidelines for the preparation of an EIS, issued by the Panel in March.

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## SLAVE RIVER HYDRO PROJECT

**Initiator:** Parks Canada, Department of the Environment

**Contact:** Mr. W. Douglas Harper, Director, Prairie Region, Parks Canada, 114 Garry Street, Winnipeg, Manitoba. R3C1G1

### Description

- (a) At the border of Alberta and Northwest Territories, near Fort Smith, N.W.T. and adjacent to Wood Buffalo National Park.
- (b) Transmission line from the Fort Smith area to Fort McMurray, Alberta.

The proposed project focuses on a hydro-electric installation at or near Fort Smith, N.W.T. to develop the potential of the Slave River.

### Status under EARP

This project was referred by Parks Canada to the Federal Environmental Assessment Review Office in January, 1980. Panel formation is proceeding. Appointed to date is:

P. J. B. Duffy, Chairman  
FEARO  
Hull, Quebec

Executive Secretary to the Panel:  
R.L. Greyell, FEARO, Hull, Quebec  
K1A 0H3 (819) 997-1000

### Future Events

The Government of Alberta has announced a two year feasibility study of developing hydroelectric power on the Slave River between Fort Smith and Fitzgerald. Panel appointments will be made shortly following discussions with the Governments of Alberta and of the Northwest Territories.

## BAY OF FUNDY TIDAL POWER GENERATION PROJECT

Dormant

**Initiator:** Bay of Fundy Tidal Power Review Board, Mr. R.H. Clark 997-2108

### Description

A study entitled "Reassessment of Fundy Tidal Power" dated November 1977 has been released by the initiator and provides a detailed description of the proposed project Chignecto Bay and Minas Basin sites, (upper Bay of Fundy, New Brunswick/Nova

Scotia) which would involve a tidal barrier, generating plant and transmission lines. Discussions are taking place between the Federal and Provincial governments on cost-sharing of detailed engineering environmental studies.

For information:

Phil Paradine, FEARO, Hull, Que. K1A OH3  
(819) 997-1000

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## DEMPSTER PIPELINE PROJECT

Dormant

**Proponent:** Foothills Pipe Lines (Yukon) Limited.

**Contact:** 1600 – 205, 5th Avenue, S.W., Box 9083, Calgary, Alberta. T2P 2W4

**Initiator:** Department of Indian and Northern Affairs.

**Contact:** O. Løken, DINA, Les Terrasses de la Chaudière, Hull, Quebec Mailing address: DINA, Ottawa, Ontario K1A OH4

Gas Pipeline. The route will follow closely the Dempster Highway and the Klondike Highway.

For information:

R.L. Greyell, FEARO, Hull, Que. K1A OH3  
(819) 997-1000

### Description

Construction and operation of a gas pipeline for transmission of Mackenzie Delta Gas in the Northwest Territories to a point at or near Whitehorse in the Yukon Territory to link up with the projected Alaska Highway

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## MACKENZIE DELTA GAS GATHERING SYSTEM

Dormant

**Proponents:** Imperial Oil, Gulf Oil and Shell Oil

**Initiator:** Department of Indian and Northern Affairs

**Contact:** Dr. O. Løken, DINA, Les Terrasses de la Chaudière, Hull, Quebec

### Description

Construction and operation in the Mackenzie River Delta Region (N. W.T.) of three gas processing plants and transportation facilities by the above oil companies to supply a Dempster pipeline moving gas south

to market in southern Canada. In the summer of 1977 these three projects were suspended. However, an Environmental Impact Statement for the Imperial Oil plant (Taglu) has been prepared for review. The estimated cost of the Taglu development (Imperial Oil) is \$500 million (1975 dollars).

For information:

R.L. Greyell, FEARO, Hull, Que. K1A OH3  
(819) 997-1000

## POLAR GAS PROJECT

Dormant

n

**Proponents:** Polar Gas Consortium and Panarctic Gas Ltd.

**Contact:** J. Riddick, Polar Gas Project, P.O. Box 90, Commerce Court West, Toronto, Ontario. M5L 1H3

**Co-Initiators:** Department of Indian and Northern Affairs (N.W.T. portion)

**Contact:** A. Jones, DINA, Les Terrasses de la Chaudière, Hull, Quebec

Department of Energy, Mines and Resources (area south of 60th parallel).

**Contact:** H.C. Rothschild, Science and Technology, EMR, 580 Booth St., Ottawa, Ontario. K1A 0E4

### Description

The project includes extraction and purification of gas from fields in the High Arctic Islands, and construction of a large diameter pipeline for natural gas transmission through the Northwest Territories and one or more provinces to a junction with an existing pipeline in southern Canada.

For information:

R.G. Connelly, FEARO, Hull, Que. K1A 0H3  
(819) 997-1000

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## SOUTH YUKON TRANSPORTATION STUDY

Dormant

**Initiator:** Federal Department of Transport

**Contact:** D. W. Bachynski, Railway Transportation Directorate, Transport Canada, 2760-200 Granville Street, Vancouver, B.C. V6C 1S4

### Description

The study includes consideration of alternatives within the Yukon Territory principally between Whitehorse and Ross River with possible links to British Columbia, Alaska or the Northwest Territories. Improvement of transportation systems in the Yukon involving the

study of several alternate railway and one road development strategies. The ultimate purpose of the project is to aid in the development of the natural resource potential of the Yukon. The alternates range in capital costs from \$35 million to \$370 million (1974 dollars).

For information:

P. Scott, FEARO, 700-789 West Pender St., Vancouver, B.C. V6C 1 H2 (604) 666-243 1

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## EXPANSION OF AIR TRAFFIC CAPACITY OF VANCOUVER INTERNATIONAL AIRPORT

Dormant

**Initiator:** Federal Department of Transport (Canadian Air Transportation Administration)

**Contact:** Mr. C. Heed, Pacific Regional Manager, Airport Branch, Transport Canada, 739 West Hastings Street, Vancouver, B.C. V6C 1A2

### Description

Improvement to the aircraft handling capability of Vancouver International Airport, Sea Island, Richmond,

south of Vancouver, to provide for the demand projected by the initiator. The initiator's preferred alternative is the proposed construction of a parallel runway and related facilities inside the dyke at Vancouver International.

For information:

P. Scott, FEARO, 700-789 West Pender St., Vancouver, B.C., V6C 1 H2 (604) 666-243 1

## **LIST OF REVIEWED PROJECTS UNDER THE FEDERAL ENVIRONMENTAL ASSESSMENT REVIEW PROCESS**

1. Point Lepreau, New Brunswick Nuclear Power Station  
Report to the Minister, May 1975
2. Wreck Cove, Cape Breton Island, Nova Scotia, Hydro Electric Power Project  
Report to the Minister, August 1976
3. Alaska Highway Gas Pipeline project, Yukon Territory  
Interim report to the Minister, August 1, 1977
4. Eldorado Nuclear Limited, Uranium Refinery, Port Granby, Ontario  
Report to the Minister, May 12, 1978
5. Shawkwak Highway Project, Northern B.C. and Yukon  
Report to the Minister, June 1978
6. Eastern Arctic Offshore Drilling, South Davis Strait Project. N.W.T.  
Report to the Minister, November 1, 1978
7. Lancaster Sound Offshore Drilling Project, Northwest Territories  
Report to the Minister, February, 1979
8. Eldorado Uranium Hexafluoride Refinery, Ontario  
Report to the Minister, February, 1979
9. Roberts Bank Port Expansion, Roberts Bank, B.C.  
Report to the Minister, March 1979
10. Alaska Highway Gas Pipeline Project. Yukon Public Hearings (March-April 1979)  
Report to the Minister, August 1979
11. Banff Highway Project (East Gate to km 13)  
Report to the Minister, October 1979
12. Boundary Bay Airport Reactivation  
Report to the Minister, November 1979
13. Eldorado Uranium Refinery, R.M. of **Corman** Park, Saskatchewan  
Report to the Minister, July 1980
14. Arctic Pilot Project, (Northern Component) N. W.T.  
Report to the Minister, October 1980
15. Lower Churchill Hydroelectric Project  
Report to the Minister, December 1980
16. Norman Wells Oil Field Development and Pipeline  
Report to the Minister, January 1981
17. Alaska Highway Gas Pipeline project, Yukon Territory  
Routing Alternatives, Whitehorse/Ibex Region  
Report to the Minister. July 1981