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BOARDS, COMMITTEES AND TASK FORCES
HAVING RESPONSIBILITY IN THE
MACKENZIE RIVER BASIN

April, 1977

Please send corrections, additions and deletions to:

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SECTION ONE
DEPARTMENT OF
FISHERIES AND THE ENVIRONMENT

1.1 Western and Northern Regional Board

Terms of Reference

- to provide a mechanism for the coordination of Department of Fisheries and the Environment activities in the Region which involve more than one Service;
- to promote inter-service liaison and cooperation in the Region;
- to provide a forum for the movement of ideas and information on matters of Departmental concern between Headquarters' Senior Management and the Region;
- to consider the initiatives and activities of other agencies as they relate to the Department of Environment in the Western and Northern Region.

Meetings of the WNRB are normally held the first Tuesday of every second month, beginning in February of each year and rotating between Regina, Edmonton and Winnipeg.

CHAIRMAN

Dr. G.H. Lawler
Regional Director-General
Fisheries and Marine Service
501 University Crescent
Winnipeg, Manitoba
R3T 2N6

Phone: (204) 269-7379 Ext. 284
Telex: 07-57419

SECRETARY

Bevelene Cain
Executive Assistant
Western and Northern Regional Board
501 University Crescent
Winnipeg, Manitoba
R3T 2N6

Phone: (204) 269-7379 Ext. 424
Telex: 07-57419

Members

Dr. A.H. Macpherson, Director-General, EMS, Edmonton

Mr. J. Mar, Regional Director, EPS, Edmonton

Mr. G.H. Legg, Regional Director, AES, Edmonton

Mr. J. Labelle, Regional Director, AES, Winnipeg
Dr. A.L. Hamilton, Director, FMS, Winnipeg
Mr. W. Falkner, Director, FMS, Winnipeg
Mr. D. Surrendi, A/Director, CWS, Edmonton
Mr. E.F. Durrant, Director, IWD, Regina
Dr. G.T. Silver, Director, CFS, Edmonton
Mr. A.R. Pick, Chairman, RSCC, Edmonton
Dr. A.W. Mansfield, Director, FMS, Ste. Anne de Bellevue
Mr. T.D.W. McCulloch, Director, FMS, Burlington
Dr. R.W. Stewart, Director-General, FMS, Victoria
Mr. R. Fichaud, Director, AES, Ville St. Laurent

1.1.1 WNRB - DFE Regional Dredging Committee

Established as a result of proposal (RSCC) to WNRB - October 1976.

The appointment of members is the responsibility of the Regional Directors.

Terms of Reference

(See next page)

The area of responsibility of the committee shall include all dredging programs within the Western and Northern Region.

Members

Alternates

Mr. G. Sergy, EPS, Edmonton

Mr. J. Stein, FMS, Winnipeg

Mr. A. Goodman, CWS, Yellowknife

Mr. K.F. Davies, WSC, Calgary

Mr. E.D. Fowler, WSC, Yellowknife

1.1.1. WNRB - DFE Regional Dredging Committee

Terms of Reference

1. The prime responsibility of the committee is the development and preparation of a coordinated DFE position on or critique of specific development proposals, Initial Environmental Evaluations or other documents, as requested by the RSCC.
2. The area of responsibility of the committee shall include all dredging programs within the Western and Northern Region.
3. The committee shall receive and respond to assignments referred to it by the RSCC and/or the Regional Board. The terms of reference for assignments and reporting dates shall be established by mutual consultation between the Chairman, RSCC or Chairman, WNRB and the committee chairman. The committee chairman will routinely keep the RSCC advised of its activities and progress. It will act as a Lead Agency in pursuing contacts and liaison with proponents/initiators of projects.
4. Appointment of members to the committee shall be made by the WNRB. If, for any reason, a member is unable to continue his committee duties it is his responsibility to so advise the committee chairman. Upon being made aware of such a situation the committee chairman should advise the Chairman, WNRB, requesting the appointment of a new member to the committee.
5. Appointment of a committee chairman shall be made by the WNRB. Such appointment will normally be for a one-year term and will expire on April 30. Recommendations for a new chairman shall be submitted to the Chairman, WNRB, two weeks prior to the Board meeting immediately preceding the expiry of the term of office. Following the Board meeting the Chairman shall advise the committee chairman of its decision.
6. The committee, through its Chairman, will present an annual report to the WNRB outlining and summarizing its work and achievements during the previous year. This report shall be submitted to the Chairman, WNRB, prior to March 15 in any given year.
7. The committee may, through its chairman or a selected member, contribute DFE advice to an interdepartmental committee (eg. NWT Water Board Technical Committee, Land Use Advisory Committee, Regional Dredging Committee). In such cases the committee is responsible for ensuring that such advice is consistent with DFE policy and that the RSCC is kept informed.

1.1.2 WNRB - DFE Regional Mining Committee

Established as a result of proposal (R&CC) to WNRB October 1976.

The appointment of members is the responsibility of the Regional Directors.

Terms of Reference

(See next page)

The area of responsibility of the committee shall include base metal mines and the extraction of coal and gravel resources, within the Western and Northern Region.

Members

Mr. B. Kemper, CWS, Edmonton

Mr. B. Fallis, FMS, Winnipeg

Mr. J. Rowley, EPS, Edmonton (Chairman)

Mr. G. Sergy, EPS, Edmonton

Mr. H. Fraser, AES, Winnipeg

Mr. B. Hale, IWD, Regina

Alternates

Mr. A. Goodman, CWS, Yellowknife

Mr. M. Hardin, EPS, Yellowknife

Mr. B. Janz, AES, Edmonton, Alta.

Mr. E.D. Fowler, IWD, Yellowknife

1.1.2 WNRB - DFE Regional Mining Committee

Terms of Reference

1. The prime responsibility of the committee is the development and preparation of a coordinated DFE position on or critique of specific development proposals, Initial Environmental Evaluations or other documents, as requested by the RSCC.
2. The area of responsibility of the committee shall include all dredging programs within the Western and Northern Region.
3. The committee shall receive and respond to assignments referred to it by the RSCC and/or the Regional Board. The terms of reference for assignments and reporting dates shall be established by mutual consultation between the Chairman, RSCC or Chairman, WNRB and the committee chairman. The committee chairman will routinely keep the RSCC advised of its activities and progress. It will act as a Lead Agency in pursuing contacts and liaison with proponents/initiators of projects.
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7. The committee may, through its chairman or a selected member, contribute DFE advice to an interdepartmental committee (eg. NWT Water Board Technical Committee, Land Use Advisory Committee, Regional Dredging Committee). In such cases the committee is responsible for ensuring that such advice is consistent with DFE policy and that the RSCC is kept informed.

1.1.3 WNRB - DFE Regional Biocides Committee

Established as a result of proposal (RSCC) to Western and Northern Regional Board. The appointment of members is the responsibility of the Regional Directors.

Terms of Reference

(See next page)

The area of responsibility of the committee shall include all programs for the control of nuisance animals and plants within the Western and Northern Region.

Members

Dr. J.M. Patterson, CWS, Saskatoon

Dr. R. Clarke, FMS, Winnipeg

Dr. H.F. Cerezke, CFS, Edmonton

Dr. Roger Edwards, EPS, Edmonton

Mr. B. Janz, AES, Edmonton

Mr. N.J. Simpkins, IWD, Calgary

Alternates

Mr. H. Fraser, AES, Winnipeg

Mr. R.J. Douglas, IWD, Yellowknife

1.1.3 WNRB - DFE Regional Biocides Committee

Terms of Reference

1. The prime responsibility of the committee is the development and preparation of a coordinated DFE position on or critique of specific development proposals, Initial Environmental Evaluations or other documents, as requested by the RSCC.
2. The area of responsibility of the committee shall include all dredging programs within the Western and Northern Region.
3. The committee shall receive and respond to assignments referred to it by the RSCC and/or the Regional Board. The terms of reference for assignments and reporting dates shall be established by mutual consultation between the Chairman, RSCC or Chairman, WNRB and the committee chairman. The committee chairman will routinely keep the RSCC advised of its activities and progress. It will act as a Lead Agency in pursuing contacts and liaison with proponents/initiators of projects.
4. Appointment of members to the committee shall be made by the WNRB. If, for any reason, a member is unable to continue his committee duties it is his responsibility to so advise the committee chairman. Upon being made aware of such a situation the committee chairman should advise the Chairman, WNRB, requesting the appointment of a new member to the committee.
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6. The committee, through its Chairman, will present an annual report to the WNRB outlining and summarizing its work and achievements during the previous year. This report shall be submitted to the Chairman, WNRB, prior to March 15 in any given year.
7. The committee may, through its chairman or a selected member, contribute DFE advice to an interdepartmental committee (eg. NWT Water Board Technical Committee, Land Use Advisory Committee, Regional Dredging Committee). In such cases the committee is responsible for ensuring that such advice is consistent with DFE policy and that the RSCC is kept informed.

1.1.4 WNRB - DFE Regional Pipeline Committee

Established as a result of proposal (RSCC) to Western and Northern Regional Board. The appointment of members is the responsibility of the Regional Directors.

Terms of Reference

(See next page)

1.1.4 WNRB - DFE Regional Pipeline Committee

Terms of Reference

1. The prime responsibility of the committee is the development and preparation of a coordinated DFE position on or critique of specific development proposals, Initial Environmental Evaluations or other documents, as requested by the RSCC.
2. The area of responsibility of the committee shall include all dredging programs within the Western and Northern Region.
3. The committee shall receive and respond to assignments referred to it by the RSCC and/or the Regional Board. The terms of reference for assignments and reporting dates shall be established by mutual consultation between the Chairman, RSCC or Chairman, WNRB and the committee chairman. The committee chairman will routinely keep the RSCC advised of its activities and progress. It will act as a Lead Agency in pursuing contacts and liaison with proponents/initiators of projects.
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6. The committee, through its Chairman, will present an annual report to the WNRB outlining and summarizing its work and achievements during the previous year. This report shall be submitted to the Chairman, WNRB, prior to March 15 in any given year.
7. The committee may, through its chairman or a selected member, contribute DFE advice to an interdepartmental committee (eg. NWT Water Board Technical Committee, Land Use Advisory Committee, Regional Dredging Committee). In such cases the committee is responsible for ensuring that such advice is consistent with DFE policy and that the RSCC is kept informed.

1.1.5 WNRB - DFE Regional Hydro-Power Committee

Established as a result of proposal (RSCC) to Western and Northern Regional Board October 1976. The appointment of members is the responsibility of the Regional Directors.

Terms of Reference

{See next page}

The area of responsibility of the committee shall include all hydro-electric power developments within the Western and Northern Region.

Members

Alternates

Mr. A. Goodman, CWS, Yellowknife

Mr. Ken Chang-Kue, FMS, Winnipeg (Chairman)

Mr. Carl Surrendi, EPS, Edmonton

Mr. Tushar Chakrabarti, IWD Regina

Mr. E.D. Fowler, IWD, Yellowknife

1.1.5 . WNRB - DFE Regional Hydro-Power Committee

Terms of Reference

1. The prime responsibility of the committee is the development and preparation of a coordinated DFE position on or critique of specific development proposals, Initial Environmental Evaluations or other documents, as requested by the RSCC.
2. The area of responsibility of the committee shall include all dredging programs within the Western and Northern Region.
3. The committee shall receive and respond to assignments referred to it by the RSCC and/or the Regional Board. The terms of reference for assignments and reporting dates shall be established by mutual consultation between the Chairman, RSCC or Chairman, WNRB and the committee chairman. The committee chairman will routinely keep the RSCC advised of its activities and progress. It will act as a Lead Agency in pursuing contacts and liaison with proponents/initiators of projects.
4. Appointment of members to the committee shall be made by the WNRB. If, for any reason, a member is unable to continue his committee duties it is his responsibility to so advise the committee chairman. Upon being made aware of such a situation the committee chairman should advise the Chairman, WNRB, requesting the appointment of a new member to the committee.
5. Appointment of a committee chairman shall be made by the WNRB. Such appointment will normally be for a one-year term and will expire on April 30. Recommendations for a new chairman shall be submitted to the Chairman, WNRB, two weeks prior to the Board meeting immediately preceding the expiry of the term of office. Following the Board meeting the Chairman shall advise the committee chairman of its decision.
6. The committee, through its Chairman, will present an annual report to the WNRB outlining and summarizing its work and achievements during the previous year. This report shall be submitted to the Chairman, WNRB, prior to March 15 in any given year.
7. The committee may, through its chairman or a selected member, contribute DFE advice to an interdepartmental committee (eg. NWT Water Board Technical Committee, Land Use Advisory Committee, Regional Dredging Committee). In such cases the committee is responsible for ensuring that such advice is consistent with DFE policy and that the RSCC is kept informed.

1.1.6 WNRB - DFE Mackenzie Basin Committee

Established by WNRB April 7, 1976. Two meetings to review draft documents of the Mackenzie Task Force on Program Development. Preparation of draft report on Boards, Committees and Task Forces having responsibility in the Mackenzie River Basin, for consideration of WNRB.

Terms of Reference

1. Exchange information on DFE activities within the Basin
2. Review the need for new DFE programs or initiatives related to major resource developments in the Basin
3. Assist and advise DFE representatives on interdepartmental and inter-governmental Mackenzie Basin Task Forces and Committees, including the Task Force on Program Development.

Members

Mr. H. Foerstel, IWD, Regina (Chairman)
Mr. R. Hale, IWD, Regina (Secretary)
Mr. B. Kemper, CWS, Edmonton
Mr. R. Reid, CFS, Edmonton
Mr. F. Burbidge, AES, Edmonton
Mr. M. Wiggins, IWD, Vancouver
Mr. R. Paterson, FMS, Winnipeg
Ms. K. Arkay, EPS, Ottawa

Alternates

H. Cork, AES, Regina
R. Lyons, IWD, Vancouver
D. Wright, FMS, Winnipeg

1.1.7 WNRB - Arctic Environmental Steering Committee

The Arctic Environmental Steering Committee was established by the WNRB to provide assistance on environmental protection matters to DFE personnel functioning in Canada North of 60° and to aid Departmental Managers in their respective programs by providing a forum for interservice coordination and information exchange. It is recognized that this Committee reports to the WNRB but the members can initiate action as they feel necessary via their respective Service Managements. Committee deliberations and recommendations will be referred to the Western and Northern Regional Board with the Pacific Regional Board being routinely copied on all matters.

Duties

1. Facilitate the exchange of information among field and HQ Managers on environmental developments North of 60° by means of periodic status reports, discussion of projected activities, and workshops as appropriate on topics of particular concern to the members.
2. To encourage and promote coordination of DFE activities North of 60° and maintain under continuing review the effectiveness of DFE interaction with other Government Agencies in the North.
3. To define short and long-term problems and issues of concern to DFE that relate to the Departments' Legislative and Policy mandates North of 60°.
4. Formulate by consensus of AESC members, recommendations and suggested courses of action for the consideration, ratification and/or direction of Department Management.

Members

Alternate

Mr. H.R. Trudeau, FMS, Yellowknife (Chairman)

Ms. B. Cain, WNRB, Winnipeg (Secretary)

Mr. A. Goodman, CWS, Yellowknife (Vice-Chairman)

Dr. R.W. Stewart, FMS, Victoria

Mr. C. Wykes, EPS, Whitehorse

Mr. W. Bryant, EPS, Yellowknife

Mr. M. Dennington, CWS, Whitehorse

Mr. G. Jones, FMS, Vancouver

Mr. F.E. Burbidge, AES, Edmonton

Mr. H. Fraser, AES, Winnipeg

Mr. R. Catling, AES, Yellowknife

Mr. D. Fowler, IWD, Yellowknife

Dr. A.H. Macpherson, EMS, Edmonton

Mr. J. Mar, EPS, Edmonton

Mr. A. Pick, Chairman RSCC, EPS, Edmonton

Dr. A.W. Mansfield, FMS, Ste. Anne de Bellevue

Mr. J. Dalziel, EPS, Halifax

Standing Invitations

Dr. G.L. Robins, FMS, Ottawa

Mr. C.A. Lewis, EPS, Ottawa

Mr. R.J. Paterson, FMS, Winnipeg

Mr. Adam Kerr, FMS, Burlington

1.2 Environmental Assessment and Review Process

1. An "Environmental Assessment and Review Process" has been established within the Federal Government to ensure all departments and agencies take environmental questions into account during planning and implementation of projects, programs or activities which are initiated by federal agencies, utilize federal funds or federal lands.
2. For projects which are expected to have environmental impacts, the departments and agencies need to obtain an environmental assessment, and submit it to Fisheries and Environment Canada for review. The recommendations arising from these reviews should be then incorporated into all stages of the project.
3. Allowance for funding this process should be included in program forecasts and annual estimates (see Section 5 - Guidelines for Financing).
4. The Minister of Fisheries and the Environment, in co-operation with other Ministers, shall implement and administer the process.
5. In order to review the environmental assessments an "Environmental Assessment Panel" (see Section 3) consisting of qualified personnel primarily from within DFE and/or an "Environmental Review Board" external to the government service may be set up.
6. Crown corporations and regulatory agencies are encouraged to take part in the process. Mechanisms have been set up to co-operate with Provinces and Territories in assessments of projects of mutual concern.

7. The establishment of a "review mechanism" to enable the Minister of DFE, through the Chairman, to evaluate Process performance including those stages that are the responsibility of other Departments has been authorized. The Chairman will develop jointly with each Department, significantly involved with EARP, the procedures required to provide sufficient information for this purpose.
8. Federal departments and agencies are to ensure that they provide information on and seek public response to significant Federal projects early in the planning stage, before vital planning decisions are taken. These initiatives should be taken regardless of whether a Panel is required under EARP, and before such a decision is made, wherever practicable. Guidelines, Environmental Impact Statements and Final Reports must still be made public unless the Panel is directed otherwise by the Minister.

1.2.1 Regional Screening and Coordinating Committee (RSCC)

Responsibilities of RSCC

Regional Screening and Coordinating Committees were established to ensure coordination of activities among regional DFE organizations in each region. The responsibilities of RSCC's are:

1. To ensure that projects within the region falling within the DFE mandate are identified and raised for discussion at regular meetings to ensure an awareness on the part of members of the RSCC's and involvement as appropriate.
2. To register all such projects immediately upon their identification and provide a focal point for coordination.
3. To ensure that the registration and prescreening process functions effectively.
4. To agree upon or recommend a lead service from within DFE for registered projects requiring coordinated action, and subsequently to inform the relevant project sponsor.
5. To coordinate advice normally through a lead agency to other agencies on the applicability of legislations and regulations administered by DFE.
6. To ensure that all DFE Services have an opportunity to fulfill their mandate with respect to registered projects.

7. To review project analyses, screening decisions and design proposals in order that environmental quality management, resource management and environmental protection objectives are compatible.
8. To maintain current status information on all registered projects throughout all stages of development.
9. To coordinate, normally through a lead service, monitoring and surveillance requirements at the request of the Regional Board.
10. To report to the Chairmen of the Regional Boards of Directors.

RSCC Responsibilities Directly Related to the EARP

In addition to the general responsibilities listed above RSCC's have responsibilities which are directly related to the EARP.

11. To receive requests for advice and ensure that complete responses are provided through coordination among DFE Services.
12. To coordinate advice to initiators on the applicability of legislation and regulations administered by DFE for the project under consideration and normally to provide such advice through a lead agency.
13. To ensure that CEAP is provided with copies of Initial Environmental Evaluations received at the regional level immediately upon receipt.
14. To provide advice normally through lead agencies to the Panels on proposals requiring Environmental Impact Statements.

15. To coordinate the regional contribution to the development of Initial Environmental Evaluation and Environmental Impact Statement guidelines.
16. To review recommendations formulated by the lead agency on Initial Environmental Evaluations and to ensure that the Regional Boards and CEAP are advised.
17. To assist CEAP in the post-audit of Initial Environmental Evaluations.
18. To coordinate reviews of Environmental Impact Statements and advise, normally through a lead agency, the Regional Boards and CEAP.
19. To provide advice, approved by CEAP, to departments and agencies on the responsibilities of the various participants in the operation of the Environmental Assessment and Review Process.
20. To establish mechanisms with the provinces with a view to coordinating activities under the Environmental Assessment and Review Process.

Members

Alternates

Mr. A.R. Pick, EPS, Edmonton (Chairman)

Ms. B. Cain, WNRB, Winnipeg (Secretary)

Mr. R.J. Paterson, EMS, Winnipeg

Mr. M. Robertson, EMS, Edmonton

Mr. F. Burbidge, AES, Edmonton

Mr. H. Fraser, AES, Winnipeg

Secretariat - R. Frith, EPS

Registrar - D. Lorieau, EPS

1.2.2 The Environmental Assessment Panel (EAP)

Panel Membership

The Chairman, EAP, may appoint panel members from within the whole of the public service in agreement with representatives from departments initiating or sponsoring projects, and with the other departments whose expertise is desired.

The Minister of the Department of Fisheries and the Environment may appoint panel members from outside the federal public service in agreement with the Minister of the Department initiating or sponsoring a project. Panels, therefore, may consist of both federal government and non-federal government members.

The Minister retains the right to establish in special cases an Environmental Review Board external to the federal public service.

Panel Functions

1. To administer the Environmental Assessment and Review Process.
2. To issue guidelines and provide advice on methodology for departments, agencies and others carrying out environmental assessments and preparing prediction statements.
3. To determine the completeness and acceptability of the environmental prediction statements submitted to it.
4. To require submitting departments or agencies to provide background information from their studies in order that the Panel can carry out its responsibilities.

5. To obtain such information and expert opinion as it requires for the analysis of the prediction statements submitted to it.
6. To make the environmental prediction statements submitted for review available to the public (unless otherwise directed by the Minister of the responsible department in consultation with the Minister of Fisheries and the Environment) and to provide sufficient time for public response, recognizing the need to avoid unnecessary delay in completing the review.
7. To evaluate the environmental prediction statement and identify the deficiencies in the assessment, if any; to determine the adequacy and appropriateness of the measures proposed to mitigate and ameliorate the adverse effects and enhance the benefits; and to draw conclusions.
8. To make appropriate recommendations to the Minister of Fisheries and the Environment.

1.2.2.1 Environmental Assessment Panel - Mackenzie River Dredging Program

A panel was established on May 27, 1976 under the EAR Process to assess the environmental implications of the proposed Mackenzie River Dredging Program.

Panel Members

Mr. H.M. Hill (DFE), Ottawa, A/Chairman

Mr. V.D. Hawley, CWS, Edmonton

T.B.A., IWD, Regina

Mr. R.J. Paterson, FMS, Winnipeg

Mr. M.G. Hagglund, Transport, Ottawa

1.2.2.2 Environmental Assessment Panel - Mackenzie Delta Gas Plant

A panel was established on January 31, 1975 under the EAR Process to assess the environmental implications of the proposed Mackenzie Delta Gas Plant.

Panel Members

Mr. H.M. Hill (DFE) - Chairman

Mr. A.W. Mansfield (DFE)

Mr. M.J. Ruel (IAND)

Mr. D. Surrendi (CWS, DFE)

Mr. J.R. Marsh (EPS, DFE)

1.2.2.3 Environmental Assessment Panel - Beaufort-Delta Oil Pipeline

A panel was established on August 12, 1976 under the EAR Process to assess the environmental implications of a proposed oil pipeline in the Mackenzie Delta area.

Panel Members

Mr. H.M. Hill (DFE) - Chairman

Mr. J.R. Marsh (EPS, DFE)

Mr. E.H. Lawler (FMS, DFE)

Mr. A.H. Macpherson (EMS, DFE)

Mr. M.J. Ruel (IAND)

1.3 Mackenzie Valley Gas Pipeline Steering Committee

Terms of Reference

1. On behalf of the Regional Board, provides the DFE Regional Task Force on the Mackenzie Valley Pipeline Applications with direction in the following areas:
 - a) identifying and assigning priority to specific review assignments
 - b) determining the depth and nature of the review required for each specific assignment.
2. Review, approves and transmits reports authorized by the Regional Task Force for the Board.
3. Provides advice to the Regional Board concerning resource limitations perceived by the Regional Task Force on the Mackenzie Valley Pipeline Applications.
4. Refers questions of priority and strategy to the Regional Board where these cannot be adequately resolved by the Steering Committee.
5. Keeps the Regional Board informed concerning progress on reviews and assignments.
6. Arranges for contact with other interested agencies where appropriate.

1.4 Headquarters Working Group on the Mackenzie Valley Gas Pipeline

Terms of Reference

1. To provide for consolidated input to the NEB hearings.
2. To provide for consolidated input to interdepartmental efforts at headquarters.
3. To provide for information exchange within DFE.

1.5 Athabasca Tar Sands Task Force

Terms of Reference

1. The responsibilities of the Task Force are to advise the Chairman of the DOE Management Committee, through the Chairman, Prairie and Northern Regional Board,
 - a) on expected environmental effects of hydrocarbon exploration, production and transportation in the Tar Sands area of northern Alberta and Saskatchewan, with particular attention to areas of national interest and concern.
 - b) on the design of a joint mechanism which would satisfy both federal and provincial responsibilities and requirements for investigations into aspects of impact, including long-term research.
 - c) on data and knowledge requirements and the means of satisfying them, with respect to means of assessing and minimizing environmental damage and rehabilitating surface-mine landscapes.
 - d) on the allocation of data collecting and research projects among public and private scientific agencies.
2. The Task Force will provide an initial report to the Chairman of the Board by 22 January, 1974, status reports to each Board Meeting (unless otherwise instructed), and other reports as required.
3. The Task Force will be convened by Dr. Drake Hocking of the Northern Forest Research Centre, CFS, Edmonton. Members shall be appointed to the Task Force by the Senior ADM, ES, and by the Regional Directors of EPS, CWS, AES, F&M, IWD and Lands having responsibilities in the provinces of Alberta and Saskatchewan. The Chairman, Dr. Hocking, may add to the Task Force in consultation with the Board.

4. The Task Force will not enter into any official or formal discussion with Provincial agencies or officials unless specifically instructed. Negotiation with the Provinces has been assigned by the Senior Management Committee to the ADM, EMS.

1.6 DOE Regional Task Force on the Mackenzie Valley Pipeline
Applications

This Task Force reviews all relevant applications and supporting materials and reports their findings to the Mackenzie Valley Gas Pipeline Steering Committee.

The responsibilities of this Task Force have been assumed by the recently established "DFE Regional Pipeline Committee".

1.7 NWT Hydroelectric Working Group

The Group was formed to provide technical advice to the DFE member of the NWT Water Board on proposed hydro-electric developments.

The responsibilities of this group have been assumed by the recently established "DFE Regional Hydro-Power Committee".

**SECTION TWO
FEDERAL INTERDEPARTMENTAL
COMMITTEES**

2.1 Advisory Committee on Northern Development

The ACND was established on January 17, 1948 by Cabinet Decision, and was given the following mandate:

"To advise the government on questions of policy relating to civilian and military undertakings in Northern Canada, and to provide for the effective co-ordination in all government activities in that area."

It currently consists of 45 committees structured as follows:

1. 2 senior level committees
2. 13 main committees
3. 30 sub-committees or working groups

Total membership is 240 on main committees, and 246 on sub-committees, for a grand total of approximately 485 members representing departments and agencies having responsibilities in the North.

2.1.1 ACND - Federal Territorial Regional Planning Committee

Members

Mr. A.B. Yates (IAND), Chairman
Mr. L. Matthews (Gov't. of NWT), Secretary
Mr. J.P. Anglin (IAND)
Mr. G.R. Rogalsky (IAND)
Mr. J.R. Goudie (IAND)
Mr. D.J. Turenne (Manpower & Immigration)
Mr. L. Elkin (Gov't of NWT)
Mr. P. Dixon (Gov't of NWT)
Mr. T.H. Espie (Gov't of NWT)
Mr. N. Macpherson (Gov't of NWT)
Mr. R. Creery (Gov't of NWT)
Mr. K. Torrance (Gov't of NWT)
Mr. L.E. Pratt (Regional Economic Expansion)
Mr. W.G. Anderson (Transport Canada)

2.1.2 ACND - Committee on Northern Communications

The main thrust of the Sub-Committee on Northern Communications was to develop plans for the improvement of telecommunication in the Territories.

A second working group was established to study ways and means of developing community radio broadcasting in both Territories.

Members

Mr. A. Lapointe (DOC) - Chairman

Mr. H.B. Taylor (IAND) - Secretary

Mr. D. Ward (CBC)

Mr. R.B. Toombs (EMR)

Mr. E.M. Elsley (AES, DFE)

Mr. P.E. Laberge (External Affairs)

Mr. T.F. Garrard (Finance)

Mr. E.M.R. Cotterill (IAND)

Dr. W.J. Surtees (National Defence)

Col. G.R. Gauthier (National Defence)

Dr. W.H. Frost (National Health & Welfare)

Dr. F.R. Hunt (National Research Council)

Mr. L. Elkin (Gov't of NWT)

Dr. R. Foote (regional Economic Expansion)

Mr. I.E. Young (RCMP)

Mr. B. O'Reilly (Sec. of State)

Mr. R.F. Lumsden (Sec. of State)

Mr. D.A.W. Judd (Min. of State for Science & Technology)

Mr. H.T. Webster (Supply & Services)

Mr. F.E. Lay (Transport Canada)

Mr. P. Quinn (Treasury Board)

Mr. C.B.H. Murphy (Gov't of Yukon Terr.)

2.1.3 ACND - Committee on Science and Technology

Working Groups

1. Standing Committee on Research Projects
2. Task Force on Construction in Permafrost Areas
3. Canada-USSR Scientific Agreement
4. Scientific Guidelines
5. International Polar Organizations
6. Scientific Facilities in the North
7. Arctic Bibliographic Information System
8. Canada/U.S. Co-operation in Arctic Research
9. AINA Project Proposals Funding

Members

Dr. J.D. Keys (EMR) - Chairman
Mr. K. Bowles (IAND) - Secretary
Dr. T.H. Anstey (Agriculture)
Mr. D. Yuille (Central Mortgage and Housing)
Mr. J.H. Chapman (Comm.)
Mr. G.D. Hobson (EMR)
Dr. A.E. Collin (ADM - DFE)
Dr. M.C.B. Hotz (Science Policy Branch - DFE)
Dr. N.S. Novakowski (CWS - DFE)
Dr. H.F. Fletcher (SPB - DFE)
Dr. C.J. Kerswill (PPCB - DFE)
Dr. W.L. Godson (AES - DFE)
Mr. G. Rejhon (External Affairs)
Mr. T.F. Garrard (Finance)
Mr. E.M.R. Cotterill (IAND)

Mr. A.B. Yates (IAND)

Dr. R.E. Pomfret (Industry, Trade & Commerce)

Dr. K.C. MacLure (National Defence)

Dr. W.H. Frost (National Health & Welfare)

Mr. C.B. Crawford (National Research Council)

Mr. D.L. Stewart (Gov't of NWT)

Mr. A.G. Wilson (Public Works)

Dr. D.I.R. Low (Ministry of State for Science & Technology)

Dr. F.S. Abbott (Supply & Services)

Mr. W. Jancewicz (Transport Canada)

Mr. P.E. Quinn (Treasury Board)

Mr. H. Palmer (Treasury Board)

Mr. C.B.H. Murphy (Gov't of Yukon Terr.)

2.1.4 ACND - Committee on the Employment of Native Northerners

Working Group

1. Employment and Local Impact, Mackenzie Highway Project

Members

Mr. J.T. Fournier (IAND) - Chairman
Mr. E.A. Thomas (IAND) - Secretary
Mr. I. Silkaas (Communications)
Mr. R.D. Hutchinson (EMR)
Mr. J. McBride (AES - DFE)
Mr. R.L. Kennedy (IAND)
Mr. R.P. Sterling (IAND)
Mr. W. Lewis (IAND)
Mr. R. Witt (IAND)
Ms. N. Kean (Justice)
Mr. F.C. Bodie (Labour)
Mr. E. Allen (Manpower & Immigration)
Mr. J. Ducharme (Manpower & Immigration)
Major A.K. Hird (National Defence)
Dr. W.H. Frost (National Health & Welfare)
Mr. J.R. Witty (Gov't of NWT)
Mr. A. McCallam (Gov't of NWT)
Mr. H.R. Studer (Post Office)
Mr. W. Shead (P.S.C.)
Ms. V. Hambly (Public Works)
Mr. H.S. Pomerant (Public Works)

Mr. R.H. Wheadon (RCMP)

Mr. P. Thompson (Sec. of State)

Mr. W.G. Anderson (Transport Canada)

Mr. W. Marks (Treasury Board)

Mr. E. Cross (Treasury Board)

Mr. P. Frankish (Gov't of Yukon Terr.)

2.1.5' ACND - Mackenzie Delta Development Committee

Members

Mr. F.J. Joyce (IAND) - Chairman

Mr. H.B. Taylor (IAND) - Secretary

Mr. H.W. Woodward (IAND)

Mr. M.J. Ruel (IAND)

Mr. A.B. Yates (IAND)

Mr. J.P. Anglin (IAND)

Mr. A.T. Jordan (IAND)

Mr. R.L. Price (IAND)

Mr. R.P. Sterling (IAND)

Mr. L. Elkin (Gov't of NWT)

Mr. G.E. Mullins (Gov't of NWT)

2.1.6 ACND - Federal/Territorial Economic Planning Committee

Members

Mr. E.M.R. Cotterill (IAND) - Chairman

Mr. K. Bowles (IAND) - Secretary

Mr. H.G.P. Taylor (Finance)

Mr. A.B. Yates (IAND)

Mr. D.C. Laplante (Industry, Trade & Commerce)

Mr. J.H. Parker (Gov't of NWT)

Mr. C.E. Mullins (Gov't of NWT)

Mr. L.E. Pratt (Regional Economic Expansion)

Mr. G.N. Faulkner (Treasury Board)

Mr. C.B.H. Murphy (Gov't of Yukon Terr.)

2.1.7 ACND - Advisory Committee on Industrial Benefits from
Natural Resource Development

Members

Mr. G.E. Hughes-Adams (IT&C) - Chairman
Mr. H.B. Taylor - Secretary
Dir. - Merchant Shipping Br. (Canada Transport Com.)
Mr. G.R. Yungblut (EMR)
Mr. J.R. Eickmeier (EMR)
Mr. D.L. Tough (EMR)
Mr. F.H. Lepine (EMR)
Dr. R.A. Stacey (Oceanography Branch - DFE)
Dr. G.N. Ewing (Dominion Hydrographer - DFE)
Mr. C. Brown (Finance)
Mr. E.M.R. Cotterill (IAND)
Mr. H.W. Woodward (IAND)
Mr. W.J. Patrick (Industry, Trade & Commerce)
Mr. R.A. Reynolds (Industry, Trade & Commerce)
Mr. M.V. Andrews (Industry, Trade & Commerce)
Mr. J.J. Colpitts (Industry, Trade & Commerce)
Mr. A. Chipertzak (Industry, Trade & Commerce)
Mr. G.C. Hos (National Energy Board)
Mr. R.H. Pimblett (National Revenue)
Mr. R.H. Pryde (Regional Economic Expansion)
Dr. D.I.R. Low (Min. of State for Science & Technology)
Dr. P. Meyboom (Min. of State for Science & Technology)
Mr. A.D. Watt (Transport Canada)
Mr. W.C. Anderson (Transport Canada)

2.1.8 ACND - Environmental Committee on the Mackenzie Highway

Members

Mr. L. Edgeworth (ADM - DFE)- Chairman

Mr. L.M. Bereza (IAND) - Secretary

Mr. R.B. Toombs (EMR)

Mr. E.M.R. Cotterill (IAND)

Mr. G.B. Williams (Public Works)

2.1.9 ACND - Interdepartmental Advisory Committee on Northern Roads

Working Group

1. Mackenzie Highway Committee

Members

Mr. A.B. Yates (IAND) - Chairman

Mr. L.M. Bereza (IAND) - Secretary

Mr. D.M. Watson (EMR)

Mr. C.A. Lewis (DFE)

Mr. A.R. Turner (Finance)

Mr. K.W. Stairs (IAND)

Dr. H.W. Woodward (IAND)

Mr. J.H. Parker (Gov't of NWT)

Mr. W.R. Binks (Public Works)

Mr. M.C. Hagglund (Transport Canada)

Mr. M. Zelman (Transport Canada)

Mr. K.J. Baker (Gov't of Yukon Terr.)

2.1.10 ACND - Transportation Committee

There are six working groups set up under this Committee:

1. Policy Group
2. Eastern Arctic Resupply
3. Steering Group
4. Marine Transport
5. Collapsible Containers
6. Keewatin Resupply Tariff

Members

Mr. M.G. Hagglund (T.C.) - Chairman
Mr. L.M. Bereza (IAND) - Secretary
Mr. K.W. Stadnicki-Gizbert (Canadian Transport Commission)
Mr. T.E. Devey (Communications)
Mr. R.C. Race (EMR)
Mr. R.B. Toombs (EMR)
Mr. J.H. McBride (AES - DFE)
Dr. N. Nowakowski (CWS - DFE)
Mr. G.N. Ewing (Dominion Hydrographer - DFE)
Mr. C.A. Lewis (EPS - DFE)
Mr. P.E. Laberge (External Affairs)
Mr. A.R. Turner (Finance)
Mr. E.M.R. Cotterill (IAND)
Mr. A.T. Jordan (IAND)
Mr. D.W. Pelkola (Industry, Trade & Commerce)
Mr. J.D. Murray (National Defence)
Mr. D.C. Smith (National Defence)

Mr. W. Rutherford (National Energy Board)

Dr. W.H. Frost (National Health & Welfare)

Mr. L. Elkin (Gov't of NWT)

Mr. J.F. Martin (Post Office)

Mr. K.A. Rowse (Public Works)

Dr. E. Khan (Regional Economic Expansion)

Mr. D.A.W. Judd (Min. of State for Science & Technology)

Mr. G.E. Clarey (Stats. Canada)

Mr. P. Singleton (Supply & Services)

Mr. M.C. Hagglund (Transport Canada)

Mr. W.G. Anderson (Transport Canada)

Mr. J.B. Lawrence (Transport Canada)

Mr. T.J. Stephen (Transport Canada)

Mr. J.T. Lyon (Transport Canada)

Mr. N. Mulder (Transport Canada)

Mr. P.E. Quinn (Treasury Board)

Mr. A. Douglas (Treasury Board)

Mr. C.B.H. Murphy (Gov't of Yukon Terr.)

2.1.11 ACND - Federal Interdepartmental Co-ordinating Committee -
Whitehorse

This Committee has set up a Steering Committee and Working Group on:

1. Communications
2. Staff Housing

Members

Dr. A. Pearson (Gov't of Yukon Terr.) - Chairman
Mr. W.S. Deacon (Gov't of Yukon Terr.) - Secretary
Mr. P. Lanoy (CBC)
Mr. W. Dunbar (C.N. Telecommunications)
Mr. J. Adams (Central Mortgage & Housing)
Mr. I. Rutherford (Communications)
Mr. H. Gabrielse (EMR)
Mr. C.E. Wykes (EPS - DFE)
Mr. P.J. Gillespie (IAND)
Mr. P. McIntyre (Justice)
Mr. E. Standish (Manpower & Immigration)
Mr. P.A. Maione (National Defence)
Mr. R. Avison (National Health & Welfare)
Mr. F. Mooney (NCPC)
Mr. P.R. Debolt (Post Office)
Mr. R. Daniels (Public Works)
Mr. H. Nixon (RCMP)
Mr. M. Beck (Secretary of State)
Mr. D. Bell (Transport Canada)
Mr. C.B.H. Murphy (Gov't of Yukon Terr.)

2.1.12 ACND - NWT Co-ordinating Committee - Yellowknife

This Committee has set up five working groups to advise on specific northern activities. These are:

1. Standing Group on Construction
2. Standing Group on Emergency Operations
3. Standing Group on Personnel Policy and Programs
4. Standing Committee on Resource Management
5. Standing Group on Transportation and Communications

Members

Mr. S.M. Hodgson (Gov't of NWT) - Chairman
Mr. C.L. McCabe (Gov't of NWT) - Secretary
Mr. P.T. Reilly (CBC)
Mr. R.J. Wells (C.N. Communications)
Mr. P.J. Osborne (CMHC)
Mr. G.D. Brooks (Communications)
Dr. J.C. McGlynn (EMR)
Mr. E.D. Fowler (IWD - DFE)
Mr. R.W. Hornal (IAND)
Mr. R. Witt (IAND)
Mr. C.G. Bullis (Industry, Trade & Commerce)
Mr. O.J. Troy (Justice)
Mr. D.J. Turenne (Manpower & Immigration)
Mr. K. Thorneycroft (National Defence)
Dr. F.J. Covill (National Health & Welfare)
Mr. A. Yewchuk (NCPC)

Mr. L.R. Montpetit (Northern Trans. Co. Ltd.)

Mr. S.M. Hodgson (Gov't of NWT)

Mr. J.H. Parker (Gov't of NWT)

Mr. S. Dietze (Gov't of NWT)

Mr. N. Ronsky (Post Office)

Mr. T.G. Forth (Public Service Commission)

Mr. J.A. Brown (Public Works)

Mr. A.H. Buttler (RCMP)

Mr. D.J. Dewar (Transport Canada)

2,1,13 ACND - General Committee

Under this committee are eight working groups:

1. Post-Operational Phase - Dew Line
2. Archaeological Salvage
3. Housing Accommodation
4. Strathcona Sound Project
5. Arvik Mine Project
6. Financial Implications of Northern Development Policy
7. Beaufort - Delta Oil Pipeline Review Group
8. Government Operations, Northern Pipeline Construction

Members

Mr. G.S. Murray (IAND) - Chairman
Mr. H.B. Taylor (IAND) - Secretary
Dr. T.H. Anstey (Agriculture)
Mr. P. Desroches (CBC)
Mr. A. Lapointe (Communications)
Mr. R.D. Hutchinson (EMR)
Mr. L. Edgeworth (ADM - DFE)
Dr. P.M. Bird (LCD - DFE)
Mr. B. Fulford (External Affairs)
Mr. H.G.P. Taylor (Finance)
Mr. E.M.R. Cotterill (IAND)
Mr. D.G. Laplante (Industry, Trade & Commerce)
Mr. G.E. Hughes-Adams (Industry, Trade & Commerce)
Mr. S. Samuels (Justice)

Mr. H.B. Hamm (Labour)
Mr. E. Allen (Manpower & Immigration)
Mr. C.A. LaFrance (National Defence)
Mr. M.E. LeClerc (National Energy Board)
Mr. J.C. Sinclair (National Health & Welfare)
Mr. C.B. Crawford (National Research Council)
Mr. W.I. Linton (National Revenue)
Mr. J. Smith (NCPC)
Mr. J.H. Parker (Gov't of NWT)
Mr. J.R. Midwinter (Privy Council Office)
Commissioner (P.S.C.)
Mr. G.J. Bowen (Public Works)
Dr. T.F. Wise (Regional Economic Expansion)
Mr. J.R.R. Quintal (RCMP)
Mr. P. Lumsden (Sec. of State)
Mr. D.B. Dewar (Min. of State for Science & Technology)
Mr. R.E. Drover (Stats. Canada)
Mr. J.C. Oliver (Supply & Services)
Mr. M.C. Hagglund (Transport Canada)
Mr. G.N. Faulkner (Treasury Board)
Mr. C.B.H. Murphy (Gov't of Yukon Terr.)

2.1.14 Working Group on Government Operations Northern Pipeline
Construction

Should the Government of Canada approve construction of a gas pipeline in the Western Arctic, the regulatory structures and procedures necessary to control construction activities, as well as other government programs required to control local sociological and environmental impacts of construction, would have to be in operation shortly after the date of such approval. It is important that planning in this regard commence well before any government approval might be determined, in view of the many agencies involved, the immensity of the proposed construction project, and the complexity of regulatory controls now in the place under a number of Federal Acts, Territorial Ordinances and accompanying Regulations.

In recognition of the situation, agreement to form a Working Group on Government Operations during Northern Pipeline Construction was reached at a special seminar held on September 19, 1975, attended by representatives of 14 federal agencies and the Territorial Governments. Holding of the seminar was supported by Deputy Ministers of the following federal departments, and by the Commissioners of the Yukon and Northwest Territories:

Energy, Mines and Resources
Indian and Northern Affairs
Fisheries and the Environment
Transport
Manpower and Immigration

Terms of Reference

1. With respect to construction of a gas pipeline in the northern territories, the purpose of the Working Group is:
 - a) to analyse relevant federal and territorial activities and legislative responsibilities;
 - b) to recommend on the implementation and co-ordination of relevant government activities and legislative responsibilities;
 - c) to recommend appropriate administrative structures and operational procedures.

2. The Tasks of the Working Group are to:
 - a) take into account special concerns that may arise during federal regulatory proceedings currently underway that may be reflected in subsequent approval documents;
 - b) assemble a compendium of relevant government activities and legislative responsibilities;
 - c) determine the existing requirements and organization of government with respect to the functions of:
 - i) design review,
 - ii) authorization to proceed with construction,
 - iii) field inspection and enforcement,
 - iv) monitoring (as related to regulatory activities),
 - v) program delivery of public services,
 - d) determine which activities:
 - i) are functionally related and require co-ordination,
 - ii) could operate independently.

- e) analyze existing mechanisms for co-ordination of functionally related activities, and assess their adequacy to cope responsively and effectively with the proposed pipeline project;
- f) investigate the alternative of a single agency with delegated responsibility to administer relevant government activities and legislative responsibilities, and make recommendations with respect to:
 - i) the desirability and feasibility of a single agency,
 - ii) scope of operation with respect to the functions listed in 2(c),
 - iii) delegated responsibilities and mechanisms for delegation,
 - iv) organization and operations, including:
 - a. structure
 - b. staffing
 - c. reporting and liaison relationships
 - d. location
 - e. operational systems and procedures including ways in which northern government operations will be co-ordinated with similar activities in the provinces, to foster consistency in the control of pipeline construction of both sides of the 60th parallel
 - f. timing of creation and duration of existence
 - g. funding
- g) make recommendations with respect to the principles involved and general concepts for effecting cost recovery of federal expenditures associated with the pipeline project;

- h) make recommendations concerning the enforcement of terms and conditions in regard to industrial benefit to Canada of pipeline construction.
- 3. The Working Group will keep informed on relevant federal activities and legislative responsibilities operative in the provinces through which a pipeline would pass, and be cognizant of the nature of provincial regulatory requirements, but will not enter into direct consultation with provincial authorities without further policy direction.
- 4. The Working Group is chaired by the Department of Indian and Northern Affairs, and secretariat services are provided by the Advisory Committee on Northern Development. Membership is open to all federal government departments or agencies and the territorial governments.
- 5. The Working Group will ensure that the General Committee on the Advisory Committee on Northern Development, the Interdepartmental Committee on the Environment, and the Task Force on Northern Oil Development, are kept informed on its activities. Policy guidance, including follow-up action with respect to Working Group recommendations, will be sought from appropriate Assistant Deputy Ministers of departments most concerned with the overall responsibilities of the Working Group.

2.2 Environmental Review Committee

Duties

1. To provide a focal point for deliberation of all important environmental considerations associated with natural resource exploration and development activities north of 60°.
2. To coordinate a comprehensive interdepartmental review of the potential effects on the northern natural environment associated with each application for major resource exploration and/or development programmes north of 60°.
3. To establish the Environmental Requirements and Conditions for Programme Approval procedures associated with such applications.
4. To provide advice on a continuing basis of deficiencies in levels of environmental information in Northern Canada and to recommend research priorities consistent with a rational policy of environmental conservation and northern resource development.
5. To provide advice and guidance in the development of coordinated research programmes which would serve to augment existing levels of environmental data north of 60° and assist in the more precise evaluation of the potential environmental impact of future applications for resource exploration and/or development operations.
6. To review and provide advice on the adequacy or efficiency of the various regulations and/or guidelines used to support the administrative and legislative responsibilities of the Department of Indian and Northern Affairs with respect to the northern natural environment.

7. To provide a forum for the promotion and encouragement of liaison and communication between government departments on all aspects of the northern natural environment.

Members

Representation on the Committee will be as follows:

1. Chairman

Assistant Director, Northern Natural Resources and Environment Branch
(Water, Lands, Forests and Environment), Department of Indian and
Northern Affairs.

Secretariat

Northern Natural Resources and Environment Branch, D.I.N.A.

2. Department of Indian and Northern Affairs

One representative from each of the following:

- a) Oil and Minerals Division, Northern Natural Resources and
Environment Branch
- b) Water, Lands, Forests and Environment Division, Northern Natural
Resources and Environment Branch.
- c) Regional Headquarters (Yukon Territory or Northwest Territories).

3. Department of Fisheries and the Environment

One representative from each of the following:

- a) Environmental Protection Service
- b) Fisheries and Marine Service
- c) Environmental Management Service

4. Other Government Departments

A maximum of four representatives (to be invited by the Chairman) with composition designed to reflect specific requirements of individual applications for resource exploration and/or development programmes.

2.3 Interdepartmental Committee on the Mackenzie Valley
Gas Pipeline Project

2.4 Beaufort Sea Drilling Committee Contingency Planning Task Force

Terms of Reference

1. To prepare a contingency plan for government involvement in containment and clean-up of spills that might result from the exploration activities.
2. To define the role of government agencies in a contingency situation resulting from oil and gas exploration activities in the Beaufort Sea.
3. To advise on the need to carry out a "dry run" exercise, if necessary.
4. To advise senior management of member departments with regard to the nature and extent of resources that should be committed to the plan.
5. To identify gaps in existing contingency plans submitted by operators and identify measures or resources required to fill those gaps.

SECTION THREE
FEDERAL - PROVINCIAL - TERRITORIAL
COMMITTEES

3.1 Mackenzie Basin Intergovernmental Liaison Committee

The Mackenzie Basin Intergovernmental Liaison Committee was conceived during the first intergovernmental seminar on the Mackenzie Basin attended by officials of the Governments of Canada, Alberta, British Columbia, Saskatchewan, and the Yukon and Northwest Territories.

Prompted by the concern of the Council of the Northwest Territories over future basin development, some 40 delegates met at Inuvik in June, 1972 to focus attention on the Mackenzie and specifically to exchange information, assess the need for joint intergovernmental action, and consider appropriate courses of action. It was felt that the seminar would provide a starting point for developing more effective communication and cooperation in the management of the basin.

Various conclusions were reached and recommendations made at the seminar. These are published in the Proceedings of the Seminar, copies of which are available from all the participating governments. From the various alternatives posed, there was a general consensus that the immediate concerns would best be met through the establishment of an intergovernmental liaison committee which would provide a vehicle for data and information exchange not only on investigatory and research matters but, perhaps more important, on intended developments within the Basin.

The Committee was subsequently formed following an exchange of letters between the federal Minister of Environment and the Ministers of the participating governments, and the Committee's first meeting took place in Yellowknife on January 16, 1973.

Terms of Reference

1. The Mackenzie Basin Intergovernmental Liaison Committee is to be composed of senior water resource management officials from jurisdictional interests within the basin, with the supporting Secretariat to be provided by Environment Canada.
2. The Committee representation will include a maximum of two members from each of: BRITISH COLUMBIA, ALBERTA, SASKATCHEWAN, the FEDERAL DEPARTMENT OF INDIAN AND NORTHERN AFFAIRS representing (1) the Northwest Territories and (2) Yukon Territory, the FEDERAL MINISTRY OF TRANSPORT, and the FEDERAL DEPARTMENT OF THE ENVIRONMENT (Chairman).
3. Members will be appointed by their respective Ministers and any member-changes are to be communicated to the Minister, Federal Department of the Environment.
4. In the event of any member being unable to attend he may appoint an alternate to act on his behalf. On such an occasion the alternate will enjoy full member status.
5. The Committee is to function as a vehicle for data and information exchange concerning survey, investigation and research programs as well as providing information on intended developments in each jurisdictional portion of the basin. The Committee will also identify any deficiencies with regard to present and anticipated data needs.
6. The Committee will prepare an annual report for presentation to the Ministers, with the intent that it be released to the public.
7. The Committee is to meet at least once a year.

MEMBERS
(as of April, 1977)

CANADA

J.P. BRUCE (Chairman)
Fisheries and the Environment

D.E. EVANS
Ministry of Transport

A.H. MACPHERSON
Fisheries and the Environment

M.J. RUEL
Dept. of Indian and Northern Affairs

R.H. SMITH
Ministry of Transport

T.B.A.
Government of the Northwest Territories

BRITISH COLUMBIA

B.E. MARR
Department of Environment

ALBERTA

E.E. BALLANTYNE
Department of the Environment

R.E. BAILEY
Department of the Environment

SASKATCHEWAN

G.C. MITCHELL
Department of the Environment

G.D. KOSHINSKY
Department of Northern Saskatchewan

OBSERVERS

D. Coombs - Alberta
Dept. of Federal & Intergovernmental
Affairs

E.M. CLARK
Environment Canada

W.A. BILAWICH
Dept. of Local Government
Yukon Territorial Government

P. LIVINGSTON
Department of Public Works

SECRETARY

H. FOERSTEL
Fisheries and the Environment
Government of Canada

(DISBANDED)

3.1.1 Task Force on Information

The Task Force on Information was established to assist the Mackenzie Basin Intergovernmental Liaison Committee and was directed to use the Committee's Terms of Reference as a guide to the Task Force's assignment. The Terms of Reference drawn up for the Task Force are as follows.

Under the direction of the Mackenzie Basin Intergovernmental Liaison Committee, the Task Force on Information shall collect, collate and compile information on water resource management and other related matters in the Mackenzie River basin.

Duties

The Task Force on Information shall:

- (a) consist of members appointed by each of: British Columbia, Alberta, Saskatchewan, the Federal Department of Indian Affairs and Northern Development, the Federal Ministry of Transport, and the Federal Department of the Environment;
- (b) appoint its own Chairman;
- (c) report to the MacKenzie Basin Intergovernmental Liaison Committee;
- (d) meet as required; and
- (e) prepare and submit a report on the activities of the Task Force to each meeting of the Mackenzie Basin Intergovernmental Liaison Committee.

In carrying out its duties, the Task Force shall undertake the following activities relative to the basin:

Collect and compile an inventory of information pertaining to:

- (a) baseline water data and meteorological networks and pertinent information on storage and retrieval systems;

- (b) physical, social, and economic characteristics of the basin (overview);
- (c) resource development in the basin (existing and potential);
- (d) research activities;
- (e) federal and provincial legislation; and
- (f) administrative mechanisms related to water resource management in the basin.

Identify deficiencies and interfaces in:

- (a) data networks;
- (b) mechanisms for water resource management; and
- (c) need for research.

Investigate and recommend to the Committee regarding the establishment of a central clearing house for receiving and disseminating information.

Perform such other duties and tasks assigned to it by the parent Intergovernmental Liaison Committee.

MEMBERS

CANADA

H. MILLS (Acting Chairman)
Dept. of the Environment

P. PAY
Ministry of Transport

V. SCHILDER
Dept. of Indian and Northern Affairs

P. LOFTHOUSE
Government of the Northwest Territories

A. REDSHAW
Dept. of Indian and Northern Affairs

ALBERTA

R. DEEPROSE
Dept. of the Environment

T. MUSSIVAND
Dept. of the Environment

SASKATCHEWAN

N. PARSONS
Dept. of the Environment

BRITISH COLUMBIA

H. HUNTER
Dept. of the Environment

OBSERVER

R. LYONS
Dept. of the Environment

SECRETARY

R.A. FAUTLEY
Dept. of the Environment
(Government of Canada)

(DISBANDED)

3.1.2 Mackenzie Basin Ad Hoc Task Force

The Ad Hoc Task Force was established by the Liaison Committee at its Yellowknife meeting on August 28, 1975.

Terms of Reference

1. To identify present and potential water-related resource development projects in the Mackenzie Basin, particularly those which may have interjurisdictional effects.
2. To identify present and predicted interjurisdictional issues associated with the effects of the above projects throughout the Basin.
3. To cumulate and rank issues associated with (2) in accordance with a time-scheduling criterion.
4. To examine existing data and information related to these issues, and identify specific needs for data collection and studies to fill gaps.
5. Should sufficient needs be identified, to:
 - (a) develop one or more proposals for work required to meet the needs;
 - (b) estimate the time and monies required for the work;
 - (c) recommend institutional arrangements for carrying out the work;
 - (d) recommend consideration of one or more formulas for cost-sharing among the Governments.
6. To submit a report on the above to the Liaison Committee before January 1, 1976.

MEMBERS

CANADA

H. MILLS (Chairman)
Dept. of the Environment

D. EVANS
Ministry of Transport

V. SCHILDER
Dept. of Indian and Northern Affairs

BRITISH COLUMBIA

A. ROBERTSON
Dept. of the Environment

ALBERTA

T. MUSSIVAND
Dept. of the Environment

SASKATCHEWAN

H. EPP
Dept. of the Environment

SECRETARY

R.A. FAUTLEY
Dept. of the Environment
(Government of Canada)

3.1.3 Mackenzie Basin Task Force on Program Development

After considering the Report of the Ad Hoc Task Force, the Liaison Committee agreed in principle to work towards an Intergovernmental Agreement and a limited program of work for initiation in the 1977-78 fiscal year. A Task Force on Program Development was formed to prepare a draft Agreement and a proposal for Phase I of a program of work, for consideration by the Liaison Committee at its next meeting.

Terms of Reference (from minutes of 7th meeting of MBILC)

It was decided to disband the Ad Hoc Task Force and replace it forthwith by a new Task Force charged with responsibility for developing an Intergovernmental Agreement which would include some recognition of the Liaison Committee; establish a study program and a proposed structure to carry out the program; provide for cost-sharing the program as in recommendation 10 of the Task Force Report; and provide for further studies or ongoing institutional arrangements upon completion of the initial program.

Subsequent direction to the new Task Force confirmed that the Secretariat and Advisory Committee are not to be part of the package. The first part of the Agreement should be general, and the second part should refer to the Phase I studies (related to elements (i) and (ii) on page 50 of the Task Force Report). The studies should be explained in an Appendix to the Agreement of four or five pages. Bruce supported recommendation 6 as part of the Agreement, which could also empower the Liaison Committee to set up working groups or committees as required.

An Agreement was endorsed by the MBILC in January 1977. Alternative work programs were considered, and a Task Force draft report entitled "Alternatives - interjurisdictional water management in the Mackenzie Basin" was reviewed subsequently for presentation to the May 1977 meeting of Ministers.

MEMBERS

CANADA

H. FOERSTEL (Chairman)
Fisheries and the Environment

D. EVANS
Ministry of Transport

A. JONES
Dept. of Indian and Northern Affairs

BRITISH COLUMBIA

A. ROBERTSON
Dept. of the Environment

ALBERTA

J. SIMPSON
Dept. of the Environment

SASKATCHEWAN

H. EPP
Dept. of the Environment

SECRETARY

R.A. Hale
Fisheries and the Environment

The Task Force is composed of one representative from each jurisdiction represented on the Mackenzie Basin Intergovernmental Liaison Committee.

3.2 Prairie Provinces Water Board

The Board, established in 1949, is composed of two representatives of the federal government and one each for the governments of Alberta, Saskatchewan and Manitoba. A Secretariat, established in Regina, provides the staff and facilities to carry out the work of the Board. The Secretariat is financed one half by Canada and one sixth by each of these provinces.

Functions

The Board shall oversee and report on the Master Agreement (including the First and Second Agreements thereunder) executed by Canada, Alberta, Manitoba and Saskatchewan for the apportionment of waters flowing from one Province into another Province; shall take under consideration, comprehensive planning, water quality management and other questions pertaining to water resource management referred to it by the parties hereto; shall recommend appropriate action to investigate such matters and shall submit recommendations for their resolution to the parties hereto.

Duties of the Board

In accordance with its functions, the duties of the Board shall be as follows:

1. To review, collate, and analyze streamflow data and prepare reports and recommendations on the apportionment of water;
2. To review water quality problems, particularly such problems located at the interprovincial boundaries, and to recommend to the parties hereto, appropriate management approaches for their resolution including the establishment of new institutional arrangements;

3. To develop recommendations on other water matters, in addition to problems on water quality, referred to the Board by any party hereto including the review and analysis of existing information and the requesting of additional studies and assistance by appropriate governmental agencies to provide information for formulating its recommendations;
4. To promote through consultation and the exchange of information the integrated development of water resources of interprovincial streams;
5. To cause to be prepared with the consent of the parties involved factual reports on disputes arising out of the water apportionment for consideration by the parties hereto;
6. To ensure the co-ordination of such technical programs as water quantity and quality monitoring and streamflow forecasting required for the effective apportionment of water.

3.3 Yukon Water Board

This Board was established in 1972 under authority of the Northern Inland Waters Act.

Functions

The Board is responsible for processing applications for a Water Rights License, for setting conditions in licenses relating to water use and pollution control, for conducting public hearings, for maintaining water management records and for generally enforcing the N.I.W. Act and Regulations. A license may be granted for a term of up to, but not exceeding, twenty-five years and will remain in effect so long as the conditions prescribed in the license are met.

Members

The Act provides for a maximum of nine members on each Board, six of whom are nominees of "each of the Departments of the Government of Canada that, in the opinion of the Governor-in-Council, are most directly concerned with management of water resources of the territories". The Boards consist of members from: Environment; Transport; National Health and Welfare; Public Works; Energy, Mines and Resources; and Indian and Northern Affairs; plus three persons for each of the two Territories.

3.4 Northwest Territories Water Board

This Board was established in 1972 under authority of the Northern Inland Waters Act.

Functions

The Boards are responsible for processing applications for a Water Rights License, for setting conditions in licenses relating to water use and pollution control, for conducting public hearings, for maintaining water management records and for generally enforcing the N.I.W. Act and Regulations. A license may be granted for a term of up to, but not exceeding, twenty-five years and will remain in effect so long as the conditions prescribed in the license are met.

Members

The Act provides for a maximum of nine members on each Board, six of whom are nominees of "each of the Departments of the Government of Canada that, in the opinion of the Governor-in-Council, are most directly concerned with management of water resources of the territories". The Boards consist of members from: Environment; Transport; National Health and Welfare; Public Works; Energy, Mines and Resources; and Indian and Northern Affairs; plus three persons for each of the two Territories.

3.4.1 N.W.T. Water Board Technical Committee

The Technical Committee was established by the Water Board in 1973 to act as a forum for the discussion of the technical matters related to applications for the use of water made under the Northern Inland Waters Act.

Duties

In carrying out its duties, the Committee shall undertake the following activities:

1. Consider the technical aspects of applications and:
 - (a) make recommendations to their respective Board members on applications proceeding towards issue of a license,
 - (b) make recommendations to the Controller of Water Rights on applications proceeding towards authorization without a license;
2. Identify areas where additional technical information is required so that this information can be obtained from the applicant by the Controller of Water Rights;
3. A report on each meeting shall be prepared by the Controller of Water Rights for distribution to members of the Board.

Members

The Technical Committee consist of one representative appointed by each Board Member and is chaired by the Controller of Water Rights.

3.5 Peace-Athabasca Delta Implementation Committee

Functions

The Committee was set up to supervise the construction of the mitigation works recommended in the Peace-Athabasca Delta Project Report, specifically the construction of rock weirs on the Riviere des Rochers and Revillon Coupe and the removal of the temporary structure on the Chenal des Quatres Fourches, and to ensure that all federal and provincial permits for this work were obtained. This work has now been completed.

The Committee's remaining function is to monitor the effects of the works that have been constructed.

Members

The Committee is composed of four members

- two representing Canada
- one representing Alberta
- one representing Saskatchewan

3.5.1 Peace-Athabasca Delta Monitoring Committee

The Committee was set up by the PAD Implementation Committee to prepare and recommend a monitoring program for the Delta, and when approved, to ensure that it is carried out and the results reported. Specific terms of reference have not been prepared.

Objectives of Monitoring Program

1. That the monitoring program be designed to assess effects on the Peace-Athabasca Delta, as a direct consequence of the construction of the weir on the Riviere des Rochers;
2. That the program first be oriented to measuring the water levels resulting from construction of the weir in relation to the water levels in the "natural", pre-regulation state of the Peace-Athabasca System;
3. That the program be designed to provide a data base only, and not as a research program; research would be done only when required to eliminate knowledge gaps of consequence to the overall program.

3.6 Consultative and Advisory Committees

There are five Consultative Committees operating in Western Canada which have some interest in the Mackenzie River Basin. These are the:

1. Canada - N.W.T. Consultative Committee
2. Canada - Yukon Consultative Committee
3. Canada - British Columbia Consultative Committee
4. Canada - Alberta Consultative Committee
5. Canada - Saskatchewan Consultative Committee

These Committees were set up to allow for federal-provincial consultation on water resource problems as provided for under the terms of the Canada Water Act. Meetings are held, on the average of every six months, to discuss and advise on priorities for research; planning development and use of water and to advise and co-ordinate the formulation of policies and programs. The process is designed to enable a total rather than a single-purpose approach to management of water resources in order to forestall water use conflicts.

3.7 Northwest Territories Land Use Committee

Functions

- A. All meetings of the Land Use Committee will be held in Yellowknife, the first Wednesday of each month. Steering Committee meetings are to be held in Yellowknife as frequently as required, depending on the workload.
- B. Meetings of the Land Use Committee are chaired by the Regional Manager, Water, Lands & Forest and Environment. Meetings of the Steering Committee shall be chaired by the Regional Manager or an officer of DINA designated by him.
- C. Copies of Land Use Permit applications are to be forwarded to the Yellowknife office of each member agency with a request that each recipient advise the Land Use Administrator, Fort Smith, within two working days after receipt if formal review at a meeting is requested. If an agency so requests, the Land Use Administrator will call a meeting of the Steering Committee to review the application. If the Steering Committee can not reach full agreement, the application shall be referred to the Land Use Committee.
- D. The Land Use Committee will vote on each application, each member being entitled to one vote, and the results shall be recorded in the minutes.
- E. If the Land Use Committee votes against approval of a Land Use Application, but the Regional Manager issues a Land Use Permit, or if a member agency is dissatisfied with the results of a vote of the Committee, the agency or the Committee has the right to appeal using the following procedure:

- (i) The objecting party can lodge a formal appeal to the Chairman of the Land Use Committee within 48 hours of the date of approval.
 - (ii) An appeal shall be initiated via the Regional Director, or equivalent, of the agency appealing the permit approval.
 - (iii) Further action on appealed applications will be suspended by the Regional Manager until the appeal decision is reached and conveyed to the Committee.
 - (iv) All appeals shall be discussed and negotiated between the Regional Director of Resources (DINA, Yellowknife) and the Director (or Directors) filing the appeal.
 - (v) Appeals shall be considered up to the Ministerial level is required.
- F. Copies of all Land Use Permits are provided to each member agency.
- G. To facilitate the understanding and processing of major or detailed land use applications and proposals, initial contact through the Land Use Committee shall be made between the applicant, the Department of Indian and Northern Affairs and involved Land Use Committee members. Legislation other than Land Use Regulations shall be explained and drawn up during such discussions through direct contact between the applicant and the involved agency.
- H. At each meeting, brief status reports on all operations presently under permit shall be distributed by DINA.
- I. Minutes of the Land Use Committee and Steering Committee meetings shall be distributed within one week for comment and approval by members. After approval, the minutes will be made available to the public upon request.

Terms of Reference

The objectives of the Land Use Committee are:

- (a) To provide expert advice to DINA as to whether or not a Land Use Application should proceed.
- (b) For those applications approved by the Committee, provide DINA with operating conditions required for Land Use Permits to be consistent with all Federal environmental legislation.
- (c) To provide a regional mechanism for continuing coordination and review and assessment of member agency research projects and regulatory activities associated with natural resource exploration and land development policies.

Members

A. Land Use Committee

Representation on the Committee is as follows:

- (1) Department of Indian and Northern Affairs - Regional Manager, Water, Lands & Forest (Chairman), Land Use Administrator and a representative from the Oil & Gas Division.
- (2) Department of the Environment - District Manager, Fisheries and Marine Service: District Manager, Environmental Protection Service and Regional representative, Canadian Wildlife Service
- (3) The Government of the N.W.T. - Department of Local Gov't and the Division of Game Management.

A permanent secretary will be provided by DINA.

B. Land Use Steering Committee

Comprised of Land Use Committee members or alternates.

C. Non Member Participation

Other agencies or individuals may participate informally from time to time if additional expertise is required to consider a particular Land Use Application (or special circumstances).

3.8 Alberta Oil Sands Environmental Research Program

Function

To undertake environmental research relative to the renewable resources on the designated area which will make information available to the parties hereto to ensure an acceptable quality of the environment during and after operations for the recovery, transport, and processing of oil sands products. This research will be directed to the solution of practical social and technical environmental problems resulting from oil sands development.

Agreement

The agreement, signed in March 1975 by the Ministers of the Environment for Canada and Alberta, is for five years, and may be renewed for a further five years. The agreement can be terminated by either party, provided that the party issues one full year's notice, effective at the end of any fiscal year. Such termination cannot take effect prior to March 31, 1977.

Funding

The total cost of the program is estimated to be \$40 million over a 10-year period. Canada and Alberta will each contribute approximate \$2,000,000 annually for the first five years. This funding can be extended for an additional five years, upon the agreement of both parties. Extra funding, in the order of \$44 million, has been made available to the program over the next ten years from the Alberta Heritage Fund.

Duties

1. To identify the baseline states, processes, and absorptive capacity of the biotic and abiotic resources that may be affected by oil sands development activities;
2. To identify the nature of interactions between the various components of the biotic and abiotic environment and the various components of proposed development activities;
3. To predict, in part from information obtained by meeting objectives (1) and (2), the individual and cumulative effects of anticipated developments on the biotic and abiotic environment;
4. To develop the methods necessary to protect the biotic and abiotic environment and finally return the biotic environment to a productive state;
5. To advise regulatory and management agencies and the industry of new scientific and technological information pertinent to their jurisdictions, to minimize adverse environmental effects and maximize beneficial environmental effects;
6. To use existing agencies within the administrations of the parties hereto where possible and to use other sources when necessary. Taking inventories will not be considered as part of the objectives under this Program, except where necessary to provide research information;
7. To establish in areas of research, and assign these priorities in the light of an Alberta development strategy for the oil sands;

8. To co-ordinate the projects within the Program so as to provide an interdisciplinary study of environmental problems;
9. To promote an environmental research program which will ensure co-operation among the governments of Alberta and Canada, industry, universities and other institutions.
10. To compile, assess, and disseminate research reports resulting from this Program.

3.8.1 AOSERP - Steering Committee

Under the direction of the Ministers, the Steering Committee shall be responsible for the composition, coordination and conduct of the Program.

Duties:

- a) meet as its members may determine but in any event shall meet at least once every fiscal year during the currency of this agreement;
- b) recommend to the Ministers for approval any news releases respecting any matter concerning or relating to this agreement or the Program;
- c) annually, and at such other times as it or the Ministers may consider appropriate, report to the Ministers upon the projects carried out under the Program and the progress accomplished in respect thereto;
- d) invite interested departments of Alberta and Canada to send a representative to a Steering Committee meeting at least once each year at which the Committee shall present information upon the current and future research projects of the Program;
- e) appoint the Advisory Committee on Program Co-ordination;
- f) recommend to the Ministers those technical reports prepared for publication;
- g) assume such other duties and administrative responsibilities as the Ministers may from time to time agree and prescribe; and
- h) approve the matters mentioned in paragraph (5) of the agreement.

Paragraph 5 of the Agreement

"Subject to the approval of the Steering Committee, the Program shall be planned and developed by technical research committees oriented to particular problems or disciplines. A technical research committee shall be composed of technical experts appointed by the Steering Committee. The Chairman of each technical research committee shall be shown on the chart attached as Schedule "D" hereto or, if additional technical research committees are established, as the Steering Committee may determine. Subject also to the approval of the Steering Committee and consistent with the objectives and goals of the Program, each technical research committee will define its own objectives and goals."

Members:

Consists of one member appointed by Alberta who shall have the functions normally performed by a Chairman, and one member appointed by Canada.

3.8.2 AOSERP - Advisory Committee on Program Co-ordination

Duties

- a) provide advice to the Program Director respecting the Program as it may deem fit;
- b) recommend any necessary adjustments to budgetary proposals;
- c) meet at the request of the Steering Committee or the Program Director.

Members

In addition to the Program Director, the Advisory Committee on Program Co-ordination shall consist of the Chairmen of the technical research committees, the Chairman of Oil Sands Environmental Study Group and one person appointed by the Provincial Minister to represent all the universities in Alberta.

3.8.3 AOSERP - Technical Research Committees

Duties

Subject to the approval of the Steering Committee, to plan and develop the Program.

Subject also to the approval of the Steering Committee and consistent with the objectives and goals of the Program, each technical research committee is to define its own objectives and goals.

Organization

A technical research committee is composed of technical experts appointed by the Steering Committee. Common secretarial and co-ordinating services are provided by the Alberta Resources Secretariat.

Eight Technical Research Committees have been formed, and function within the following departments or agencies: The Chairman is chosen from the department of agency which has primary jurisdictional responsibility in the committee's area of interest.

Committee

Aquatic Fauna	Fisheries & Environment Can.	Fisheries & Marine Service
Human Environment	Alta. Northern Development Group	
Hydrogeology	Alberta Research Council	Ground Water Division
Hydrology	Alberta Environment	Technical Services Division
Land Use	Alberta Environment	Environmental Co-ordination Services
Meteorology	Fisheries & Environment Can.	Atmospheric Environment Services
Terrestrial Fauna	Alberta Energy & Natural	Fish & Wildlife Division
Vegetation	Resources	Alberta Forest Service

3.9 Alberta Oil Sands Technology and Research Authority

This is a \$130 million research program, financed on a 50/50 basis by the Alberta Government and industry, with the object of increasing the recovery from the four oil sands fields plus the tar sands as well as to improve pollution abatement technology.

Five field experiments to test advanced recovery concepts were approved in June/76.

Supplementary research projects on water recycling, up-grading improvements to reduce the clay fines or sludge problems, tailing pond management, etc., were also approved.

(DISBANDED)

3.10 Tar Sands Environmental Assessment Guideline Task Force

The original Syncrude Task Force was disbanded and then reconstituted on August 23, 1974 for the purpose of responding to a request for assistance from Alberta DOE and adopted the new name as above.

Duties

The Task Force is to provide Alberta DOE with guidance on subject matter to be included in an environmental impact assessment required to be submitted by a proponent for Tar Sands development.

3.11 B.C. Hydrometeorologic Network Committee

It is a federal-provincial Committee, set up for communications regarding: hydrometric and meteorologic networks.

Duties

Generally to alert all relevant agencies about things that might come up.

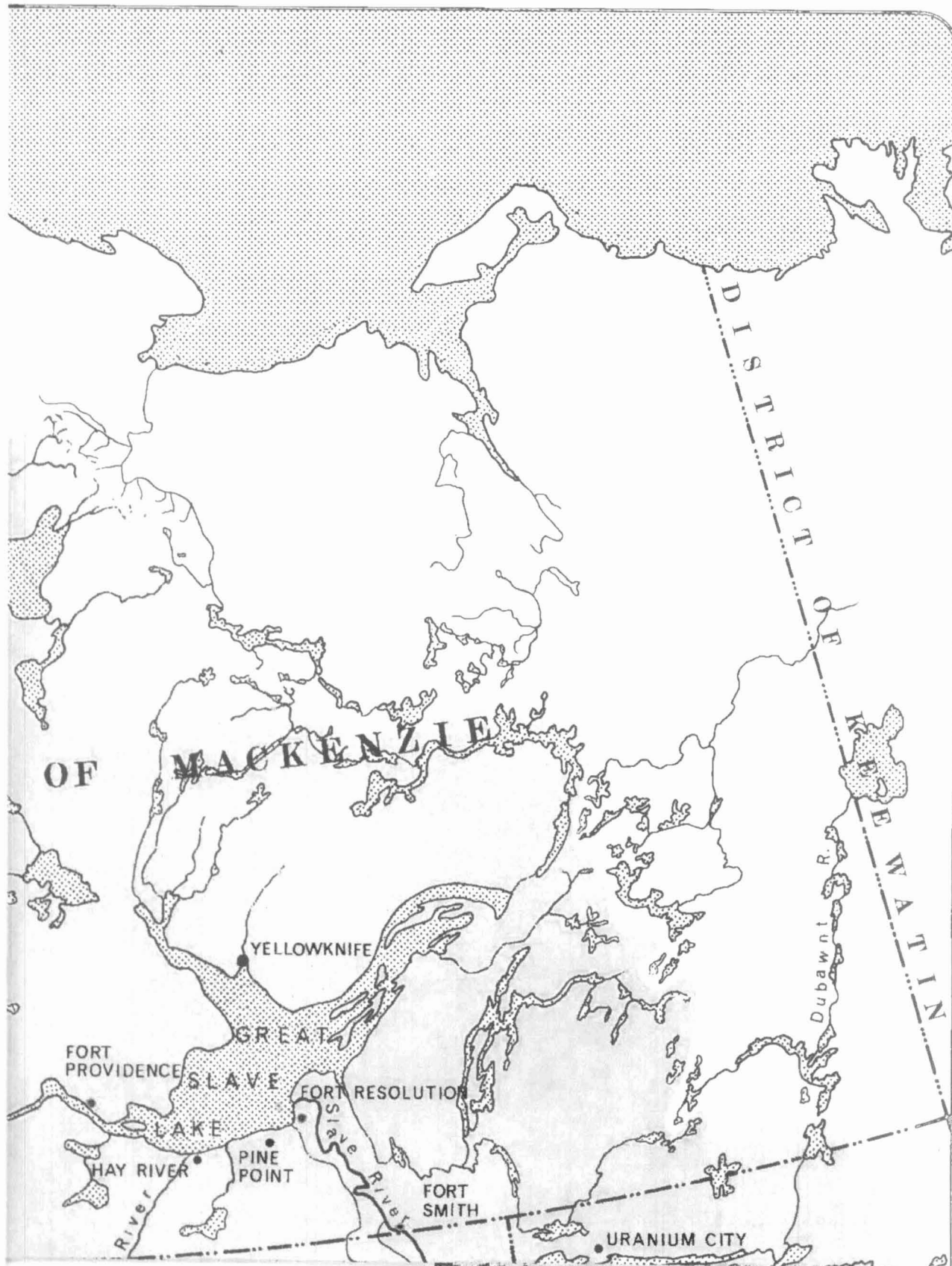
The committee has adopted a recommended hydrometric network to work toward.

Members

- chaired by P. Brady (B.C. Water Investigation Board)
- 2 members from WSC
- BC Hydro
- AES

SECTION FOUR
MAP
MACKENZIE RIVER BASIN

RIVER BASIN



MACKENZIE

