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CANADA - MANITOBA NORTHLANDS AGREEMENT

1976 - 81

PROGRESS REPORT, 1976/77

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CANADA/MANITOBA NORTHLANDS AGREEMENT, 1976-81 :
PROGRESS REPORT, 1976/77

This report is available
in English and French.

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FOREWORD

Under the General Development Agreement (GDA) signed June 5, 1974, the governments of Canada and Manitoba agreed to coordinate the development and implementation of development programs to improve the circumstances of Manitobans. The GDA provides for Subsidiary Agreements under which specific development programs could be identified and pursued. A major component of the strategy included in the GDA deals with the development of Manitoba's Northlands.

Following two years of programming under an Interim Agreement while a long-term Sub-Agreement was being planned, a long-term subsidiary Northlands Agreement was signed on September 15, 1976. To provide for continuity of projects initiated during the period of the Interim Agreement, the long-term Agreement was retroactive to April 1, 1976 and will run until March 31, 1981. In this five-year period, Canada and Manitoba will share the costs of and coordinate certain types of activities of both governments. These activities are designed to have an effect on a wide range of development issues in northern Manitoba including economic development planning, community infrastructure, human development and manpower and transportation.

The report which follows provides detailed information on the first year of activity under the long-term Agreement. The information reported pertains to programs funded under the Agreement and is presented in accordance with Section 8(1) of the Agreement which states that information regarding progress shall be made available regularly to the people of northern Manitoba.

INTRODUCTION

Background

The Canada/Manitoba Northlands Agreement formalizes a joint commitment by the governments of Canada and Manitoba to the development of the Manitoba Northlands. In recent years both governments have been paying increasing attention to the problems and needs of residents in northern remote communities. On the part of the provincial government, this has included such initiatives as the establishment of a Department of Northern Affairs, support for the development of local government, and improvements in transportation services. The federal government, as the result of a 1973 policy and program review in the Department of Regional Economic Expansion, recognized the Western Northlands as a region of serious disparity. The federal Cabinet subsequently authorized a major development effort in the Western Northlands.

In 1974, the governments of Canada and Manitoba signed a General Development Agreement (GDA) which provides for joint development and implementation of social and economic programs which are intended to improve the circumstances of Manitobans. A major component of the strategy described in the GDA deals with the development of Manitoba's northlands.

Both governments recognized that the problems of the north were complex and would require a carefully planned, long-term comprehensive effort. However, while the long-term program plan was being finalized, Canada and Manitoba entered into an Interim Northlands Agreement (April 1, 1974 to March 31, 1976) to take immediate action in obvious areas of priority. These priorities were consistent with the long-term objective of providing native northern residents with a variety of options, including those that relate to traditional northern pursuits and those that relate to urban/industrial requirements.

The planning and negotiating process culminated in the signing of a five-year Canada/Manitoba Long-Term Northlands Agreement at Norway House, on September 15, 1976. To provide for continuity of projects initiated during the period of the Interim Agreement, the long-term agreement was retroactive to April 1, 1976 and will continue until March 31, 1981.

The Long-Term Agreement provides for initiatives begun under the Interim Agreement to be carried forward within the strategy described above, but under a broader mandate. In addition to those departments which were involved in the Interim Agreement--DREE and Transport Canada on behalf of the government of Canada, and the Manitoba Department of Northern Affairs--, the federal Departments of Manpower and Immigration, and Indian Affairs and Northern Development were included in the agreement which provides a five-year framework for the commitment of a total of \$138.7 million in financial resources.

The Northlands Approach

A principal characteristic of the Manitoba Northlands is the contrast between the urban north and the non-urban or remote north.

The urban north is made up of relatively modern urban communities having a full range of urban services including fire protection, police, hospitals, sewer and water. It also includes developed transportation and communication networks which provide convenient links with other major communities.

On the other hand, the community structures of the non-urban or remote north are substantially different from those of the urban north. Limited or non-existent tax bases, small populations, and geographical remoteness result in a lack of services such as water and sewer, garbage collection, fire protection, and hospitals. These communities

are characterized by less-developed transportation and communication services, both within the community and with other centres. The majority of the population of remote communities is of native origin, and lifestyles are closely related to the natural environment. Also, in contrast to both the urban north and southern areas, the population of the remote north is growing at almost double the rate for the province as a whole. Approximately 50 per cent of the people are under 15 years; unemployment is running at 60 per cent or higher; and, indicators of income, educational achievement, and health are falling far short of levels commonly found elsewhere.

A further commonality of northern Manitoba--and one particularly notable in the remote north--is the degree to which the area is subject to the economic influences of other regions. In short, there is a net outflow of investable surplus together with a low degree of convergence of local needs with local resources. Recognition of these characteristics and a commitment to contributing to their improvement is the foundation of the Northlands approach.

The Northlands approach provides for action in a range of priority areas identified through planning and analysis. Within these broadly defined areas, individual agencies deliver programs which can respond to the needs of remote communities and their residents. The objective is to develop a variety of options relating to both traditional northern pursuits and urban/industrial requirements. The approach is specifically intended to help residents of the remote north bridge the gap between their current circumstances and the real opportunities available both within their own communities and in the industrial/urbanized north.

The Northlands approach combines federal and provincial policies and programs for the pursuit of common objectives under a multi-agency federal/provincial long-term agreement. It seeks to coordinate more effectively the existing resources of both senior levels of government, as well as adding new resources to comprise a comprehensive program of development. In terms of content, the Northlands approach provides for a broad range of developmental tools involving individuals, communities, and regions.

The Northlands Agreement can be viewed as an arrangement between the federal and provincial governments to deliver a series of developmental programs in northern Manitoba over a five-year period. Because programs, cost-shared through the Agreement, are delivered by agencies who have on-going services to deliver--the federal departments of Manpower and Immigration, and Indian Affairs and Northern Development, and the provincial departments of Renewable Resources and Transportation Services and Northern Affairs--it may not be obvious that certain activities are components of the Northlands program. For this reason, progress will be reported in two formats. The following report follows the format of the agreement--the manner in which both federal and provincial governments are organized to carry out Northlands initiatives. A second complementary report provides a listing by community of activity under Northlands programs during the first year of operation.

All references to the agreement which arise in this report relate to the printed text dated September 15, 1976.

II

STRUCTURE OF THE AGREEMENT AND FINANCIAL SUMMARY

The structure and financial resources of the Canada/Manitoba Northlands Agreement are summarized below to set the framework within which more detailed program progress reports can be presented.

The Northlands Agreement is structured into four sectors:

SECTOR A: Resources and Community Economic Development

SECTOR B: Human Development and Community Services

SECTOR C: Transportation and Communication

SECTOR D: Coordination and Pilot Action Research.

Financial details are summarized in Tables II.1 and II.2. Table II.1 shows the distribution of costs by participating agency for the various sectors of the agreement. Table II.2 provides a financial flow summary according to the sector, program, and project structure of the agreement. The allocation of financial resources and expenditures among these sectors is depicted in Figure II.1. The financial data in this report is subject to claims and audit adjustments.

TABLE II.1

Canada/Manitoba Northlands Agreement

Summary of Costs 1976-81

(\$000)

<u>Sector</u>	<u>Five-Year Federal Share</u>				<u>Total Federal Share</u>	<u>Total Prov. Share</u>	<u>Five-Year Total Costs</u>
	<u>Federal Agencies</u>						
	<u>CMI</u>	<u>TC</u>	<u>DIAND</u>	<u>DREE</u>			
Resources & Community Economic Development				\$ 3,000.0	\$ 3,000.0	\$ 2,000.0	\$ 5,000.0
Human Development and Community Services	\$5,516.0		\$14,993.0	48,100.0	68,609.0	24,473.0	93,082.0
Transportation & Communication		\$7,500.0		13,900.0	21,400.0	14,267.0	35,667.0
Coordination and Pilot Action Research				<u>3,000.0</u>	<u>3,000.0</u>	<u>2,000.0</u>	<u>5,000.0</u>
TOTAL COSTS	\$5,516.0	\$7,500.0	\$14,993.0	\$68,000.00	\$96,009.0	\$42,740.0	\$138,749.0

TABLE II.2

Canada-Manitoba Northlands Agreement - Summary of Financial Flows, 1976/77

(1)

Sector (Allocation \$'000)	Program	Project	1976-77 Expenditure* (\$000)					5-Year Allocation	Balance of Allocation	
			Total	Costs Allocated by Department						
				GMI	TC	DIAND	DREE			Manitoba
"A"										
Resources & Community Economic Development (\$5,000.0)	1. Community Economic Planning & Support	1. Community Economic Feasibility & Support Services	620.0	--	--	--	372.0	248.0	3,000.0	2,380.0
	2. Regional Resource Development Planning	1. Regional Resource Investigation & Development	563.4	--	--	--	338.0	225.4	2,000.0	1,436.6
	SECTOR TOTAL		1,183.4	--	--	--	710.0	473.4	5,000.0	3,816.6
"B"										
Human Development & Community Services (\$93,082.0)	1. Information & Extension	1. Extension Services	1,965.8	--	--	--	1,179.5	786.3	6,000.0	4,034.2
	2. Northern Human Development Services	1. Northern Development Corps	2,566.4	--	--	--	1,539.8	1,026.6	15,080.0	12,513.6
		2. Northern Corporate & Community Based Enterprises	1,675.3	--	--	--	1,005.2	670.1	8,232.5	6,557.2

TABLE II.2 (Cont'd)

Canada/Manitoba Northlands Agreement - Summary of Financial Flows, 1976/77

(11)

Sector (Allocation \$'000)	Program	Project	1976-77 Expenditure* (\$000)					5-Year Allocation	Balance of Allocation		
			Total	Costs Allocated by Department							
				CMI	TC	DIAND	DREE			Manitoba	
"B" Human Development & Community Services (\$93,082.0) Con't.	2. Northern Human Development Services	3. Adult Professional Development	3,029.8	--	--	--	1,817.9	1,211.9	15,770.0	12,740.2	
		4. Unallocated	0.0	--	--	--	0.0	0.0	2,350.5	2,350.5	
	PROGRAM TOTAL			7,271.5	--	--	--	4,362.9	2,908.6	41,433.0	34,161.5
	3. Manpower Development Services	1. Outreach	199.0	199.0	--	--	--	--	--	2,968.0	2,769.0
		2. LEAP	110.0	110.0	--	--	--	--	--	2,548.0	2,438.0
		3. IPD	1,147.8	--	--	1,147.8	--	--	--	7,400.0	6,252.2
	PROGRAM TOTAL			1,456.8	309.0	--	1,147.8	--	--	12,916.0	11,459.2
	4. Northern Community Services	1. Community Infrastructure Support Services	673.2	--	--	--	403.9	269.3	3,393.0	2,719.8	
		2. Community Infrastructure Services	1,508.5	--	--	--	905.1	603.4	10,357.0	8,848.5	
		PROGRAM TOTAL			2,181.7	--	--	--	1,309.0	872.7	13,750.0

TABLE II.2 (Cont'd)

Canada/Manitoba Northlands Agreement - Summary of Financial Flows, 1976/77

(iii)

Sector (Allocation \$'000)	Program	Project	1976-77 Expenditure* (\$000)					5-Year Allocation	Balance of Allocation	
			Total	Costs Allocated by Department						
				CMI	TC	DIAND	DREE			Manitoba
"B" Human Development & Community Services (\$93,082.0) Con't.	5. Indian Reserve Community Services	1. Community Infrastructure Services	138.0	--	--	55.2	82.8	--	1,900.0	1,762.0
		2. Community Infrastructure Support Services	0.0	--	--	0.0	0.0	--	500.0	500.0
		3. Safe Water Supplies	564.7	--	--	225.9	338.8	--	5,000.0	4,435.3
		4. Waste Disposal Facilities	5.2	--	--	2.1	3.1	--	4,000.0	3,994.8
		5. Fire Protection/ Prevention	70.0	--	--	28.0	42.0	--	1,500.0	1,430.0
		6. Internal Transportation Services	375.8	--	--	150.3	225.5	--	5,000.0	4,624.2
		7. Multi-Purpose Facilities	0.0	--	--	0.0	0.0	--	1,000.0	1,000.0
		8. Unallocated	0.0	--	--	0.0	0.0	--	83.0	83.0
		PROGRAM TOTAL	1,153.7	--	--	461.5	692.2	--	18,983.0	17,829.3

TABLE II.2 (Cont'd)

Canada-Manitoba Northlands Agreement - Summary of Financial Flows, 1976/77

(iv)

Sector (Allocation \$'000)	Program	Project	1976-77 Expenditure* (\$000)						5-Year Allocation	Balance of Allocation
			Total	Costs Allocated by Department						
				CMI	TC	DIAND	DREE	Manitoba		
"B" Human Development & Community Services (\$93,082.0) Con't.	SECTOR TOTAL		14,029.5	309.0	--	1,609.3	7,543.6	4,567.6	93,082.0	-79,052.5
"C" Transportation and Communication (\$35,667.0)	1. Surface Transportation*	1. Thompson- Split Lake	2,677.8	--	654.6	--	952.1	1,071.1	7,212.5	4,534.7
		2. Easterville Road	2,083.4	--	625.0	--	625.0	833.4	4,737.5	2,654.1
		3. Jenpeg- Cross Lake- Norway House	3,514.2	--	883.6	--	1,224.9	1,405.7	7,063.5	3,549.3
		4. Pre- Engineering & Design	218.2	--	65.5	--	65.5	87.2	1,695.0	1,476.8
		5. Unallocated	0.0	--	0.0	--	0.0	0.0	5,791.5	5,791.5
	PROGRAM SUB-TOTAL		8,493.6	--	2,228.7	--	2,867.5	3,397.4	26,500.0	18,006.4

TABLE II.2 (Concl'd.)

Canada/Manitoba-Northlands Agreement - Summary of Financial Flows, 1976/77

(v)

Sector (Allocation \$'000)	Program	Project	1976-77 Expenditure* (\$000)					5-Year Allocation	Balance of Allocation	
			Total	Costs Allocated by Department						
				CMI	TC	DIAND	DREE			Manitoba
"C" Transportation and Communication (\$35,667.0)	2. Remote Airstrip Improvement	1. Airstrip Development and upgrading	1,250.9	--	--	--	750.5	500.4	9,167.0	7,916.1
	SECTOR TOTAL		9,744.5	--	2,228.7	--	3,618.0	3,897.8	35,667.0	25,922.5
"D" Co-ordination and Pilot Action Research (\$5,000.0)	1. Co-ordina- tion and Administra- tion	1. Co-ordina- tion and Administra- tion	385.5	--	--	--	231.3	154.2	2,000.0	1,614.5
	2. Pilot Action Research	1. Pilot Action Research	391.4	--	--	--	234.8	156.6	3,000.0	2,608.5
	SECTOR TOTAL		776.9	--	--	--	466.1	310.8	5,000.0	4,223.1
	AGREEMENT TOTALS		25,734.3	309.0	2,228.7	1,609.3	12,337.7	9,249.6	138,749.0	113,014.7

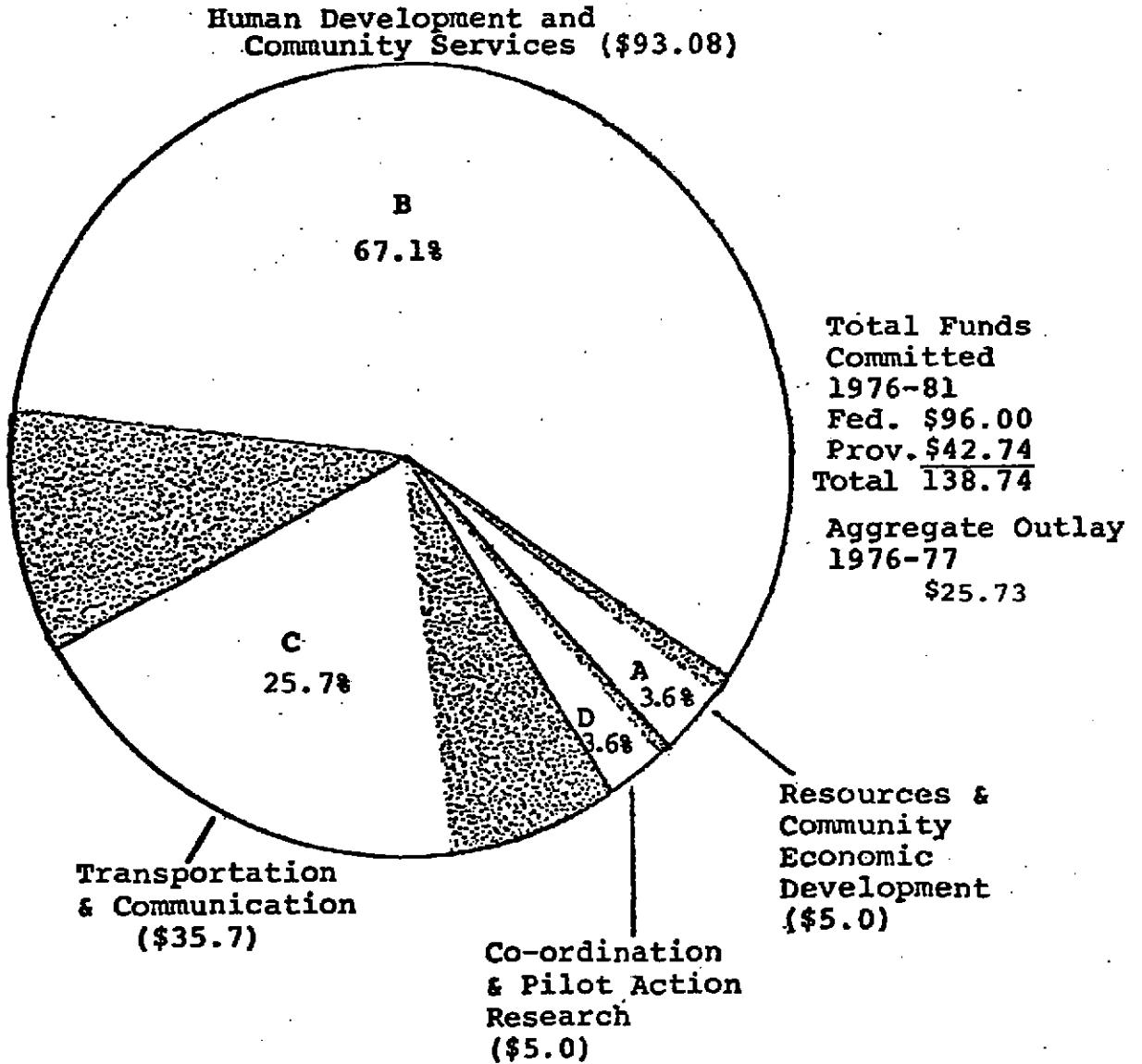
* Highway Projects Allocated for three years only.

** Figures are claimable expenditures made by implementing agencies in fiscal year 1976/77 but not necessarily claimed expenditures as of March 31, 1977.

Totals may differ due to rounding and figures are subject to claims and audit adjustments.

Figure II.1

Distribution of Financial
Commitments Among Sectors of
The Canada/Manitoba
Northlands Agreement,
1976-81



NOTE: - All Figures are \$000,000.
- Shaded area indicates reported expenditures in 1976-77. (Expenditures are preliminary figures).

SECTOR A

RESOURCES AND COMMUNITY ECONOMIC DEVELOPMENT

The Agreement states that:

"The objective of this sector is to provide financial assistance to permit the undertaking of pre-planning and other activities necessary to enable the development of viable proposals which may be assisted under existing federal and provincial financial support programs or through private institutions. The sector will actively encourage a high degree of participation from northern people. Furthermore, any regional initiatives which are identified or assisted through these means are intended to directly complement and assist the urgent need to encourage and emphasize community economic development."

Under Sector A two programs are planned in the long-term agreement and are cost-shared between DREE (60 per cent) and the province of Manitoba (40 per cent). These programs are explained in the following text.

Program 1 Community Economic Planning and Support

This program provides financial assistance needed in the initiation of planning, research and experimentation required by communities, groups, or associations, to formulate projects and activities that will encourage economic development in remote northern Manitoba communities. In 1976-77, one project, Community Economic Feasibility and Support Services, was implemented. This project provides for technical and planning services, management advisory services, market and feasibility studies, applied experimentation, data collection, and resource analysis. Reports on the five activities under this project follow.

Project 1 Community Economic Feasibility and Support Services

Activity 1 Cooperative Development Strategy

The Department of Cooperative Development utilized one staff person based in Winnipeg, researching opportunities and conducting feasibility studies related to northern cooperatives.

During 1976/77 expenditures of \$13,154.34 were shared 60/40 between DREE and Manitoba. In this period, the following took place:

- a) Basic research was undertaken and completed on the feasibility of northern credit union development. This has provided the basis for activity to be undertaken in 1977/78, when emphasis will be placed on establishing a pilot "limited service" credit union project together with other more generalized activities related to credit union development.
- b) At the request of citizens from The Pas area, a research paper was prepared on the feasibility of establishing small custom killing plants. The report was presented to the interested group in The Pas by staff of the Departments of Cooperatives Development and Industry and Commerce. As of the end of the fiscal year a decision to proceed had not been made, but future action remains possible.
- c) With respect to fishing, the Department undertook to assess the requirements for reactivating the fishing co-op at Brochet, the current state of fish marketing regulations, and the economic impact of the fishing co-op at Winnipegosis on the surrounding communities. This latter report was presented to the members of the co-op for their use in informing community residents

of the co-op's impact. The fishing co-op at Brochet was not reactivated.

The manager of the Cooperative Development Strategy activity is:

Jack Reed
Department of Cooperative Development
800 - 491 Portage Avenue
Winnipeg, Manitoba
Telephone: 786-8531

Activity 2 Community Resource Planning and Feasibility Analysis

This activity was undertaken by the provincial Department of Renewable Resources and Transportation Services, and represented an adjustment and rationalization of activity that had commenced under the Interim Agreement. These adjustments consisted of amalgamating three activities--Northern Resource Information Program, Comprehensive Land Use Planning and Resource Development Feasibility Studies--and adding a fourth--Community Resource Development--to focus more acutely on economic development planning, research and experimentation in remote communities, and on the resources immediately around them. The activity is now organized to contain a series of provincial efforts which, taken together, could approximate a "development continuum" consisting of the following phases:

data and information gathering related to resources around a particular community which have potential for development;
community-centered land-use planning;
project identification and experimentation; and
continuing development by the provincial department in the extension and organizational support area--community resource development.

During 1976/77 continuing scrutiny was given to the degree of community specificity and immediate relevance of the resource data and information effort which had been mounted

under the Interim Agreement. It was decided to suspend share-ability pending the formulation of an initiative which would meet the project criteria. The results of delivery that are reported below are, therefore, confined to community-centered land-use planning, project identification and experimentation, and the community resource development activities. During 1976/77, expenditures of \$359,921.50 were shared 60/40 between DREE and Manitoba.

The community-centered land-use planning component developed the conceptual framework and began to implement community based Resource Allocation Schemes. These were completed to the draft stage for Little Grand Rapids and Cross Lake and to the end of the data analysis stage for the Island Lake communities. In addition, a Crown land plan was completed for Snow Lake and a mid-north zone information package was prepared up to the draft stage. Final approval and publication of this document awaits the availability of further funds.

The project identification and experimentation component focussed, during 1976/77, on developing and implementing wild rice programs in cooperation with Paungassi, Little Grand Rapids, Poplar River, Berens River, Hollow Water and Bloodvein. In addition, sawyers were stationed in Paungassi, Berens River and Manigotogan to assist in the establishment of sawmills, and assistance was provided to Little Grand Rapids in the establishment of a pulpwood operation. General research and investigation took place in the areas of small forest operations technology and the treatment of hydro poles in northern communities.

The community resource development component, which is a response-oriented departmental activity, was initiated in the areas of forestry, fishery and wildlife during 1976/77. These efforts are largely designed to be complementary and, in some cases, supplemental to the project identification and experimentation activities. Specifically, the following were undertaken:

Forestry

- a) Reforestation in the Manigotogan area employed local labour planting over 100,000 white spruce.
- b) Development activities in Little Grand Rapids produced 225 cords of wood and employed 30-50 men on a part-time basis.
- c) Pulpwood harvesting was initiated in Pine Dock employing fifteen men on a part-time basis to produce 750 cords.
- d) Pulpwood harvesting initiated in Jackhead employed eight to fourteen men on a part-time basis to produce 980 cords.
- e) Pulpwood harvesting initiated in Matheson Island employed five to eight men to produce 170 cords.
- f) Three to five men worked part-time in Paungassi to produce 115 cords of jack pine sawlogs. They were also trained in sawing logs into lumber.
- g) Other communities which received assistance included Easterville, Grand Rapids, Fairford, Fisher Bay, Fort Alexander, Little Black River, Hole River, Bloodvein, Berens River and various communities throughout the northern region. Assistance included provision of management and leadership to get cutting operations underway.

Wildlife

- a) Meetings were held in Grand Rapids with the local people to discuss the harvest of moose on Selkirk Island.

- b) Meetings were held in Skownan to discuss development of a community wildlife management area for the purpose of developing hunting for direct benefit to the community. A moose resource survey was also conducted.

Fishery

Meetings were held to advise and assist in the development of a greater fish harvest by local people. Specific communities included Cross Lake, Gods Lake, Pukatawagan, South Indian Lake, Brochet, Lac Brochet, Tadoule Lake, Nelson House, Split Lake, Little Grand Rapids, Paungassi and others. The meetings were held through the Chiefs, Councils, or local organizations. In a number of communities a fish harvest was initiated, whereas in others, only discussions took place with the intent that fishing would take place during 1977/78.

The manager of the Resource Planning and Feasibility Analysis activity is:

Al Borys
Department of Renewable Resources and
Transportation Services
1495 St. James Street
Winnipeg, Manitoba
Telephone: 786-9214

Activity 3 Community Wildlife Management

The Department of Renewable Resources and Transportation Services utilized the efforts of four provincial staff (all located in Churchill) during 1976/77 in carrying out this activity, designed to look into wildlife management as it affects the communities of Brochet, Lac Brochet, Tadoule Lake, Churchill, Gillam and Shamattawa.

During 1976/77 expenditures of \$137,783.11 were shared 60/40 between DREE and Manitoba.

The following programs were targeted for this period:

a) Barren-ground caribou

An assessment of the means of developing and implementing a coordinated management plan for this resource, incorporating the social implications, economic feasibility and biological aspects of the resource, together with the aspirations of the people of Brochet, Lac Brochet and Tadoule Lake;

b) Woodland caribou

The setting down of an information base--population size, age, sex and harvestable surplus--which could provide the people of Churchill, Gillam and Shamattawa with the opportunity of more fully utilizing this resource;

c) Polar bears

The determination of what additional information may be required for the development of an acceptable harvesting method, as well as determining the value of this resource for consumptive and non-consumptive uses by resident and non-resident users.

d) Resource development center

The provision of a focal point for the exchange of information and knowledge between residents, biologists, researchers, tourists and other jurisdictions.

Reports produced for the period were confined to those pertaining specifically to Brochet, Lac Brochet and Tadoule Lake, and which served the purposes of meetings held in the communities. In addition, some information was generated from polar bear tagging and depredation reports which will be utilized in an ongoing way as outlined above. A local committee formed in

Churchill on the subject of polar bears made representation to the Churchill Town Council in March, 1977. Table A.1 provides summary information on the initiative to date relative to the target communities.

The manager of the Community Wildlife Management activity is:

Al Borys
Department of Renewable Resources and
and Transportation Services
1495 St. James Street
Winnipeg, Manitoba
Telephone: 786-9214

TABLE A.1
Community Wildlife Management, 1976/77

Community	Resource/Program	No. of Meetings	Reports	Test Programs	Employment (Man-months)
Brochet	Barren-ground caribou	5	Local concerns and community discussion	-	2.5
Lac Brochet	Barren-ground caribou	5	Local concerns and community discussion	-	2.5
Tadoule Lake	Barren-ground caribou	7	Local concerns and community discussion	-	2.5
Churchill	Woodland caribou	4 (local committee)	Representation to Town Council	-	1.0
Churchill	Polar bears				
Shamattawa	Woodland caribou	-	--	-	-
Gillam	Woodland caribou	-	--	-	-

Activity 4 Business Management Advisory Services

The provincial Communities Economic Development Fund utilized the efforts of four staff (an equivalent of two full positions is actually cost-shared) in the provision of various types of assistance and advisory services to clients. For 1976/77 the activity was focussed primarily on providing assistance in the areas of marketing, production, accounting systems and general organization, but also served the purpose of liaising with government departments and other agencies as this was deemed to be necessary for the success of particular accounts and/or clients. A degree of internally oriented staff training and development was undertaken to the extent that these efforts had bearing on the matter of client accounts, financial management systems and project appraisal.

During 1976/77 expenditures of \$57,526.10 were shared 60/40 between DREE and Manitoba.

Table A.2 summarizes results achieved during 1976/77.

The manager of the Business Management Advisory Services activity is:

Lee Van Hall
Communities Economic Development
Fund
382 Portage Avenue
Winnipeg, Manitoba
Telephone: 947-0231

TABLE A.2

Business Management Advisory Services - Summary of 1976/77 Activities

On-Site Assistance	Formal Training	
	Clients	Staff
<p><u>Churchill Community Development Corporation</u></p> <p>Assisted in the identification and formulation of projects (e.g. conversion of Arctic Alley Building to a motel and the development of a hotel restaurant project)</p> <p><u>Churchill Research Center</u></p> <p>Assisted in the development of a financing and policy package for presentation to government agencies and grant foundations</p> <p><u>The Pas Indian Reserve Corporation</u></p> <p>Provided a mediation function between the town of The Pas and the Corporation concerning taxes</p> <p>Prepared financial statements for the Corporation</p> <p><u>Sasagui Rapids Lodge Ltd. (Sasagui Rapids/Setting Lake)</u></p> <p>Design and implementation of an accounting system</p> <p>Assisted in preparation of quarterly financial statements</p>	<p>Accounting training provided to one person</p> <p>Provided training in bookkeeping to manager</p>	

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TABLE A.2 (Cont'd)

Business Management Advisory Services - Summary of 1976/77 Activities

On-Site Assistance	Formal Training	
	Clients	Staff
<u>Slumber Motel Ltd. (The Pas)</u>		
Design and implementation of an accounting system	Accounting training provided to one person	
Preparation of quarterly financial statements		
<u>Moak Lodge Ltd. (Grand Rapids)</u>		
Design and implementation of accounting systems	Accounting training provided to one person	
Preparation of regular financial statements		
<u>Thunderbird Lodge Ltd. (Wrong Lake)</u>		
Design and implementation of accounting systems	Accounting training provided to one person	
Preparation of monthly financial statements		
<u>Timberland Trailer Court (The Pas)</u>		
Design and Implementation of accounting system	Accounting training provided to one person	
Preparation of monthly financial statements		

TABLE A.2 (Cont'd)

Business Management Advisory Services - Summary of 1976/77 Activities

On-Site Assistance	Formal Training	
	Clients	Staff
<p><u>Ilford Northern Construction Ltd. (Ilford)</u></p> <p>Design and implementation of accounting system</p> <p>Preparation of quarterly financial statements</p> <p><u>Easterville Harvesting Co. Ltd. (Easterville)</u></p> <p>Preparation of financial statements</p> <p>Quarterly evaluations provided with respect to productivity, funding sources and uses</p> <p><u>Cross Lake Community</u></p> <p>Attended community meeting to provide advice on gravel haul, dock and sawmill projects, and to discuss and assist in the formation of a community development corporation as well as to provided accounting assistance in this regard</p> <p><u>Ilford Community</u></p> <p>Attended community meetings with reference to formation of a CDC; Ilford/Shamattawa projects in trust; and alternatives in the Ilford area in relation to the Northern Fishermen's Association</p>	<p>Accounting training provided to one person</p> <p>Accounting assistance up to the point of CDC formation</p>	

TABLE A.2 (Cont'd)

Business Management Advisory Services - Summary of 1976/77 Activities

On-Site Assistance	Formal Training	
	Clients	Staff
<p><u>South Indian Lake Store</u></p> <p>Assisted in establishing a non-profit organization to manage a grocery store and provided financial assistance concerning the continuity of bookkeeping practices</p>		
<p><u>Wabowden Community</u></p> <p>Community visits to discuss possible projects and to assist in the establishment of a financial program for the completion of the recreation hall</p>		
<p><u>Brochet Community</u></p> <p>Attended council meetings to discuss possible projects</p>		<p><u>CEDF Staff/Consultants</u></p> <p>Training provided for preparation and analysis of financial statements</p> <p><u>Northern Affairs Staff</u></p> <p>Training provided for financial management and project appraisal techniques</p>

TABLE A.2 (Cont'd)

Business Management Advisory Services - Summary of 1976/77 Activities

On-Site Assistance	Formal Training	
	Clients	Staff
<p><u>J. Clarkson (Mafeking)</u></p> <p>Provided individualized assistance in accounting procedures and the preparation of quarterly financial statements</p>	Accounting Training	
<p><u>Churchill Arctic Enterprises, Ltd. (Churchill)</u></p> <p>Preparation of financial statement</p>	Accounting training provided to one person	
<p><u>Restaurant and Recreation Center (Norway House)</u></p> <p>Designated and implemented an accounting system</p> <p>Preparation of quarterly financial statements</p>	Accounting training provided to one person	
<p><u>Leonard McKenzie (The Pas)</u></p> <p>Designed and implemented an accounting system and prepared quarterly financial statements</p>	Accounting training	
<p><u>Pukatawagan Community</u></p> <p>Community visits to provide information and advice on business procedures and long term financing</p>		

TABLE A.2 (Concl'd)

Business Management Advisory Services - Summary of 1976/77 Activities

On-Site Assistance	Formal Training	
	Clients	Staff
<p><u>Gilbert Baker (Cranberry Portage)</u></p> <p>Assisted in preparation of quarterly financial statements</p>	Accounting training	
<p><u>Churchill River Outfitters Ltd. (Leaf Rapids)</u></p> <p>Assisted in preparation of quarterly financial statements and other aspects of management</p>	Accounting training	

Activity 5 Remote Economic and Employment Projects

During 1976/77 the province, through the Special Northern (Native) Employment Program, made grants to small-scale, remotely-located and community-based projects. Expenditures of \$51,609.27 were shared 60/40 between DREE and Manitoba. Activity for the period is summarized as follows:

TABLE A.3

Remote Economic and Employment Projects, 1976/77

Community	Description	Wage Bill	Employment (Man-months)	Product Use
Fisher Bay	Sawmill and Community Garage	\$ 7,666.46	12	Product used to construct garage
Manigotogan	Sawmill	\$20,000.00	14	Product sold to Dept. of Renewable Resources and Transportation Services and to local buyers
Pine Dock	Logging Operation	\$ 7,750.00	18	Product sold to Abitibi

The manager of the Remote Economic and Employment Projects activity is:

Lucille Roch
Provincial Job Office
165 Garry Street
Winnipeg, Manitoba
Telephone: 944-2292.

Program 2 Regional Resource Development Planning

The purpose of this program is to provide financial assistance required in the identification, specification and assessment of major resource development projects. To date one project, Regional Resource Investigation and Development, has been initiated. Information on progress of the component activity of this project follows:

Project 1 Regional Resource Investigation and Development

Activity 1 Surveys and Mapping

This activity, implemented by the provincial Department of Renewable Resources and Transportation Services, encompassed the efforts of six provincial staff, all of whom were located in Winnipeg.

During 1976/77 expenditures of \$563,359.86 were shared 60/40 between DREE and Manitoba.

Original targets, together with progress achieved for the period are summarized below in Tables A.4 and A.5. (An indicative map of the surveys component is also attached.)

Surveys

TABLE A.4

Regional Resource Investigation
and Development Surveys, 1976/77 Progress

<u>Original Targets</u>	<u>Progress Achieved</u>
50-2nd order horizontal control stations	52-2nd order horizontal control stations were prepared and surveyed using the Doppler technique
200 miles of 1st order vertical control	260 miles established on east side of Lake Winnipeg
establish horizontal and vertical control in one community	established in Manigotogan
	61 satellite stations were prepared for the 77/78 program
	1641 miles of elevations were established in relation to the Altimetry methods.
	45 targets were placed for aerial photography and subsequent mapping purposes in the area encompassing the following communities: Manigotogan, Fisher Bay, Pine Dock, Matheson Island, Bloodvein, Princess Harbour, Jackhead Harbour, Wanipigow.

Mapping

During the year, operational targets for this initiative were refined in order that concerns for a greater degree of community specificity and relevance would be addressed. The targets which were established on this basis are listed below together with an indication of progress achieved. Also included are two communities of earlier priority (Shamattawa and York Factory), as well as the community of Anama Bay.

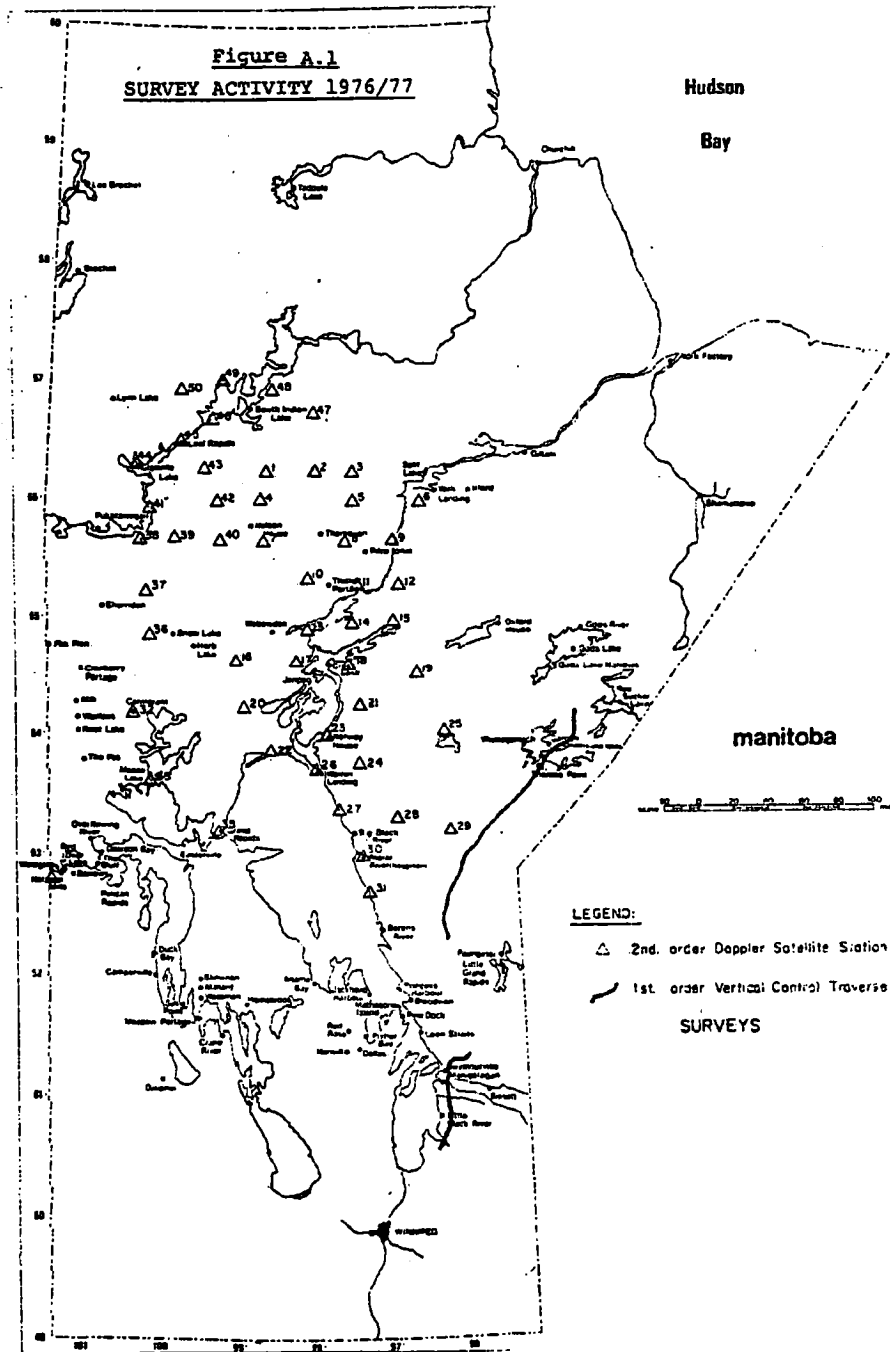
TABLE A.5

Regional Resource Investigation
and Development Mapping 1976/77 Progress

<u>Community</u>	<u>Phase Completed</u>
Manigotogan	Aerotriangulation completed
Fisher Bay	Aerotriangulation completed
Pine Dock	Aerotriangulation completed
Matheson Island	Aerotriangulation completed
Bloodvein	Aerotriangulation completed
Princess Harbour	Aerotriangulation completed
Jackhead Harbour	Aerotriangulation completed
Anama Bay	Aerotriangulation completed
Berens Rivers	Aerial photography on order
Poplar River	Aerial photography on order
Wanipigow	Aerotriangulation completed
Warrens Landing	Aerial photography on order
Norway House	Aerial photography on order
Cormorant	Area to be flown in Spring of 1977
Moose Lake	Aerial photography on order
Easterville	Aerial photography on order
Split Lake	Available photography on order; rest of area to be flown in Spring of 1977
York Landing	Available photography on order; rest of area to be flown in Spring of 1977
South Indian Lake	Area to be flown in Spring of 1977
Nelson House	Area to be flown in Spring of 1977
Granville Lake	Area to be flown in Spring of 1977
Cross Lake	Aerial photography on order
Pukatawagan	Area to be flown in Spring of 1977
Big Black River	Aerial photography on order
<u>Original Priority Communities</u>	
Shamattawa	Aerotriangulation completed
York Factory	Aerotriangulation completed

The manager of the Surveys and Mapping activities
is:

Dave Crandall
Department of Renewable Resources
and Transportation Services
975 Century Street
Winnipeg, Manitoba
Telephone: 633-9543



SECTOR B

HUMAN DEVELOPMENT AND COMMUNITY SERVICES

The Agreement states:

"Programming in this sector will facilitate assistance to families and communities in the provision of a social and physical environment conducive to improved quality of life and participation of people in community affairs and development opportunities."

The objective of the five basic programs in this sector is to assist northern residents by providing information networks, job creation activities and training programs linked with career opportunities. Additional programs provide essential community services to communities on and off reserve lands.

Program 1 Information and Extension

This program consists of an extension services project designed to meet the basic informational needs of residents of northern Manitoba. Efforts are aimed at increasing an awareness which will allow residents to participate in a developing range of social and economic opportunities. In particular, the program is directed to the involvement of these persons in local government and in the acquisition of personal and group skills.

Activities within this project were borne by DREE and Manitoba according to the 60/40 percent cost-sharing formula.

Project 1 Extension Services

Activity 1 Information-Communication

The Department of Northern Affairs utilized the efforts of approximately 43 staff during 1976-77 in the execution of its Information-Communication activity.

During the period two significant adjustments were undertaken in respect of rationalizing and providing a sharper focus to the activity.

First, while maintaining services in support of Reserve communities, the Department of Northern Affairs increased services in support of non-Reserve communities under Northern Affairs jurisdiction.

Second, the number of information programs and newsletters was reduced from seven to four coinciding with the four departmental regions. (The program areas, associated staff, newsletters and the communities served by each are listed in Table B.1.) This move was combined with the initial establishment of a print shop in The Pas and a media center in Thompson, both of which will become fully operational in a budgetary sense during 1977/78. These operations were designed to consolidate and rationalize certain "hardware" aspects of the information function.

Taken together, these organizational adjustments are designed to enable the most significant shift of activity to take place; namely, increasing emphasis being placed on programs related to economic development and local government development. These directions will be the primary subject of activity during 1977/78.

During 1976/77 expenditures of \$1,051,525.98 were shared 60/40 between DREE and Manitoba.

The program areas were organized as follows. Overall headquarters was established in Thompson with regional sub-offices located at communities as indicated (*):

The activities undertaken in each program area are presented in an overall summary on the following pages.

The Manager of the Information-Communication activity is:

Paul Ayoub
Department of Northern Affairs
59 Elizabeth Drive
Thompson, Manitoba
Telephone: 778-6001 Extension 302

TABLE B.1

Information - Communication
Details of Activity, 1976/77

<u>Program Area (Reg. Off.)</u>	<u>No. of Staff Shared</u>	<u>Newsletter</u>	<u>Communities Served</u>
Thompson	23	Achimowin (See below for Circu- lation)	Ilford, Gillam, Shamattawa Pikwitonei, Split Lake, Thicket Portage, Wabowden, Nelson House, Jenpeg, Cross Lake, Gods Lake, Gods River, St. Theresa Point, Garden Hill, Red Sucker Lake, Oxford House, Norway House
Leaf Rapids	2	Achimowin (Circula- tion 2055 copies)	Granville Lake, Pukata- wagan, South Indian Lake, Brochet, Lac Brochet, Tadoule Lake.
The Pas	6	The I/C Weekly (Circula- tion 2437 copies)	Sherridon, Cormorant, Easterville, Grand Rapids, Moose Lake, Cranberry Portage.
Selkirk	5	Lakeland News (Circula- tion 1180 copies)	Big Black River, Poplar River, Princess Harbour, Bloodvein, Matheson Island, Bissett, Berens River, Pine Dock, Loon Straits, Fisher Bay, Dallas/Red Rose, Harwill, Jackhead Harbour, Homebrook, Anama Bay.
Dauphin	7	Manipogo (Circula- tion 3450 copies)	Duck Bay, Camperville, Salt Point, Meadow Portage, Toutes Aides, National Mills, Mafeking, Westgate, Crane River, Waterhen, Mallard, Barrows, Pelican Rapids

Note: Figures for the actual number of staff shared are approximations and maximums due to turnover, vacancies, restrained positions, etc.

CHART B.1
Information-Communication, 1976/77

Economic Development Facilitation and Support	Local Government Development Assistance	Direct Assistance to Organizations	Miscellaneous Delegations, Workshops, and Services	Drop In and Inquiry Centre
<p><u>PROGRAM AREA: THOMPSON</u></p> <p>Assisted in development of credit union concept (Norway House and Island Lake); proposals re: snowshoe factory and tourism projects (Oxford House and Gods Lake Narrows); formation of Pakwagan Committee; and investigation of various sources of funding</p>	<p>Community elections</p> <p>Community budgeting</p> <p>School committees</p>	<p>Funding and resource assistance to Northern Commercial Fishermen's Association and Inland Fishermen's Association</p> <p>Funding of Native Communications Inc. (i.e. office space, some supplies, occasional assistance in transportation of equipment, assist in staff training costs, etc.</p> <p>Ma-Mow-We-Tak friendship center</p>	<p>Ten delegations from Wabowden, Gillam, Gods Lake, Ilford, Oxford House, Island Lake and Warrens Landing</p> <p>Various assistance for water supply, housing, recreation, fire prevention, day care, senior citizens projects</p> <p>Assisted in establishment of Autopac agent in Wabowden</p> <p>Co-ordinated Drivers' Education classes in Wabowden and Cross Lake and Adult Evening classes in Wabowden through Keewatin Community Col.</p> <p>Funded and participated in twelve workshops re: Alcohol and Drug Abuse in various communities</p>	<p>Cross Lake</p> <p>Norway House</p> <p>Oxford House</p> <p>Thompson</p> <p>Wabowden</p>
<p><u>PROGRAM AREA: LEAF RAPIDS</u></p> <p>Various assistance for Special ARDA, LIP, SN(N)EP as applicable to communities in region</p>	<p>Election training</p> <p>Budgeting Assistance</p> <p>Auditing council books</p>	<p>Various assistance to Northern Commercial Fishermen's Association</p>	<p>Assistance to Lac Brochet, Tadoule Lake relating to Critical Home Repair Program</p>	<p>Leaf Rapids</p>

CHART B.1
Information-Communication, 1976/77 (Cont'd)

Economic Development Facilitation and Support	Local Government Development Assistance	Direct Assistance to Organizations	Miscellaneous Delegations, Workshops, and Services	Drop In and Inquiry Centre
<p><u>PROGRAM AREA: LEAF RAPIDS</u> Continued</p> <p>Participation in discussions concerning South Indian Lake Fisheries</p> <p>Advice to Brochet concerning motel and assistance in contacting government agencies</p> <p>Investigated possibility of gas/oil dealership in South Indian Lake</p> <p>Investigated possibility of laundromat in Brochet</p> <p>Provided assistance at community meeting concerning barren land caribou (Community Wildlife Management)</p> <p>Assisted in organizing meeting concerning Leaf Rapids Fish Plant</p>	<p>Various discussions with Lac Brochet, Granville Lake, Pukatawagan concerning status of local government</p>		<p>Delegations funded and organized for fire prevention, council clerk program, consumers action, Lynn Lake Friendship Centre</p>	
<p><u>PROGRAM AREA: THE PAS</u></p> <p>Assistance provided to seven communities concerning proposals in the areas of fish canning tourism, furniture manu- Continued</p>	<p>Information and support provided to four communities regarding budgets, elections, by-elections, audits, Continued</p>		<p>Workshops co-ordinated in Moose Lake on legal and social problems</p>	<p>The Pas Moose Lake Easterville Cranberry Portage Grand Rapids</p>

CHART B.1
Information-Communication, 1976/77 (Cont'd)

Economic Development Facilitation and Support	Local Government Development Assistance	Direct Assistance to Organizations	Miscellaneous Delegations, Workshops, and Services	Drop In and Inquiry Centre
<p><u>PROGRAM AREA: THE PAS</u> Continued facturing, coffee shop, pool hall, log housing plant, garage, com- munity rink, road up- grading, fence post operation, fishing</p> <p>Various assistance pro- vided to communities regarding SN(N)EP, Canada Work, Youth Corps, Special ARDA</p>	<p>community planning, boundaries, tax assessment, bylaws, council clerks, committee develop- ment</p>		<p>Various information and assistance provided re- garding roads, housing, water supply systems, U.I.C., recreation, M.T.S. Hydro, ambulance training, fire prevention</p>	
<p><u>PROGRAM AREA: SELKIRK</u></p> <p>Various forms of information and assistance to a number of remote communities on agricultural opportunities.</p>	<p>Assistance to various communities in matters of council business (budgets, elections, housing, land, etc.)</p>	<p>Assisted in MMF work- shop with reorgan- ization and adminis- trative matter (five communities represented)</p>	<p>Funded and assisted thirteen citizens from five communities on a tour of Red River Com- munity College</p> <p>Sponsored an ambulance Training workshop in Dauphin for thirteen citizens from seven com- munities</p> <p>Sponsored a fire pre- vention workshop in Gimli at which nine communities were represented</p> <p>Sponsored delegations from two communities to agri- culture projects in Lundar, Crane River and Pilot Mound (A total of 8 citizens)</p>	<p>Pine Dock Selkirk Berens River Bissett</p>

CHART B.1
Information-Communication, 1976/77 (Cont'd)

Economic Development Facilitation and Support	Local Government Development Assistance	Direct Assistance to Organizations	Miscellaneous Delegations, Workshops, and Services	Drop In and Inquiry Centre
<p><u>PROGRAM AREA: SELKIRK</u> Continued</p>			<p>Sponsored a total of twelve communities and thirty-one representatives to provide first hand information re: Pakwagan log milling, Wabowden greenhouse and Wabowden recreation centre</p>	
<p><u>PROGRAM AREA: DAUPHIN</u></p> <p>Various forms of assistance and interface related to SN(N)EP, MANWAP, Special ARDA, trapping and fishing, LIP, Beef Income Assurance Plan, Bull Loaning Associations, CEDF</p>	<p>Provide various forms of assistance to numerous communities re: budgeting, elections, housing, land legal status, school committees, police constables, assessment, council clerks, steering committee (Toutes Aides), council procedures</p>	<p>(see delegations)</p>	<p>Provided support (delegations, workshops and meetings) to various communities for the following organizations: Cow Calf Assoc., Métis Women's Assoc., Manitoba Summer Games, MMF, friendship centers, church groups, Frontier School Division, NACC Métis Academy, Métis Lands Commission</p> <p>Provided informational assistance for IMPACTE, PENT, Parkland Native Hockey Tournament, fire prevention, health nurse, ambulance training, alcoholism, water supply (Toutes Aides), income tax,</p>	<p>Crane River Toutes Aides Waterhen Barrows Mafeking Pelican Rapids</p>

CHART B.1
Information-Communication, 1976/77 (Concl'd)

Economic Development Facilitation and Support	Local Government Development Assistance	Direct Assistance to Organizations	Miscellaneous Delegations, Workshops, and Services	Drop In and Inquiry Centre
<u>PROGRAM AREA: DAUPHIN</u> Continued			housing, recreation, bus serve (Waterhen area), child welfare, family life projects, law workshops, home advisors, marriage encounter, law enforcement, telephone and Hydro service	

Activity 2: Pimadjihowin

The Department of Northern Affairs utilized sixteen staff (including program administration, part-time and casual employees located in both Winnipeg and communities on the east side of Lake Winnipeg) in the execution of Project Pimadjihowin.

This activity was actually initiated as the "Northeast Manitoba Development Study" under the terms of the Interim Northlands Agreement (1976-77). The progress achieved during 1976-77 represented the completion of the first major phase in establishing an appropriate mechanism for the participation of a particular region in the social and economic development process.

Program achievements for the 1976-77 period had their foundation in the progress already made during 1974-75 and 1975-76 in respect of the establishment of organizational mechanisms, contact with communities, the generation of information and technical reports and the initial identification of development opportunities. A detailed progress report has been produced on behalf of the Advisory Committee.

The most significant impact of 1976-77 activities lay not only in strengthening the quantitative aspects of the undertaking (e.g. the base of information available to communities, and the number of specific opportunities which were investigated), but also in the fact that mutually acceptable and beneficial relationships and expectations were developed between the Advisory Committee, Working Committee and Liaison Workers. The unity of purpose which thereby resulted during this phase successfully completed the development of the Pimadjihowin concept, and set the stage for the possible development of an altered mechanism which could deal more effectively with specific development opportunities.

During 1976-77, expenditures of \$418,917.40 were shared 60/40 between DREE and Manitoba.

The contact person for Pimadjihowin is:

Brian Hill
Division of Development Resources
Department of Northern Affairs
9th Floor, 405 Broadway Avenue
Winnipeg, Manitoba
Telephone: 944-2511

Activity 3. Youth Travel

This activity was implemented under the direction of one staff person within the Youth Secretariat, Department of Continuing Education and Manpower. Planning, program design, administrative and financial assistance are provided to enhance the likelihood that school youth in northern and remote Manitoba communities will be able to participate in educational travel projects. Generally, the program is designed to ensure that each community is given the opportunity to receive assistance at least once every two years.

During 1976-77, expenditures of \$114,559.36 were shared 60/40 between DREE and Manitoba.

During 1976-77, the following results were achieved:

Table B.2

Participation in the Youth Travel Program

	<u>Target</u>	<u>Performance</u>
Schools receiving grants	51	53
Students participating	1,350	1,858
Destinations - 48.1 percent - Winnipeg		
16.7 percent - Winnipeg and another destination (i.e. Brandon, Teulon, Steinbach, Oakville, etc.)		
11.1 percent - Churchill		
24.1 percent to other destinations - Dauphin, Flin Flon, Manitou, Russell, Swan River, The Pas, Thompson		

4. Participating Schools -

Anama Bay	Karpaty (St. Martin)
Berens River	Kelsey S.D. (5)
Big Black River	Leaf Rapids Ed. Center
Brochet	Little Black River
Brook S.D. (Rivers)	Little Saskatchewan
Churchill	Matheson Island
Cold Lake	Moose Lake
Cormorant	Mystery Lake S.D. (8)
Cranberry Portage	Oxford House
Crane River	Pelican Rapids
Cross Lake	Poplar River
Duke of Marlborough (Churchill)	Red Sucker Lake
Easterville	Rossville
Flin Flon S.D. (7)	Shamattawa
Garden Hill	South Indian Lake (Oscar Blackburn)
Gods Lake Narrows	Split Lake
Gypsumville	Thicket Portage
Jackhead	Wabowden

Although 20 travel projects were undertaken by schools in Thompson, Flin Flon and The Pas, the largest share of the program funds was disbursed to the 32 travel projects undertaken by schools in remote and isolated communities.

The manager of the Youth Travel activity is:

Bill Fulton
Department of Continuing Education and Manpower
693 Taylor Avenue
Winnipeg, Manitoba
Telephone: 284-8240

Activity 4 4-H North

This activity was implemented by the Manitoba Department of Agriculture with a staff resource of five persons, four operating out of Thompson, and one out of The Pas. During 1976-77, expenditures of \$53,985.54 were shared 60/40 between DREE and Manitoba.

The activity aims at expanding the number of members, leaders and clubs in northern communities. The purpose is to develop 4-H as a self-directed organization capable of assisting people to acquire skills, attitudes and knowledge in the areas

of project learning and group process. While this activity has been focussing on the more urban of the northern communities in terms of club development, promotion of youth activities in more remote areas was carried out through northern youth conferences, public meetings with organizations and groups and the Northern Women's Conference.

Table B.3 shows 4-H club development during 1976-77:

Table B.3
4-H Club Development, 1976-77

<u>Club</u>	<u>Enrollment</u>	
	Members	Leaders
Gillam	124	26
Leaf Rapids	20	4
Cormorant	41	5
Lynn Lake	28	4
The Pas	59	17
Thompson	160	36
Flin Flon	25	3

The manager of the 4-H North activity is:

Bill Martin
Manitoba Department of Agriculture
1445 Pembina Highway
Winnipeg, Manitoba
Telephone: 475-2700

Activity 5 Culture and Recreation Services

This activity was implemented by the Department of Tourism, Recreation and Cultural Affairs with a staff complement of seven during 1976/77. It is a regional delivery program with three of the staff working out of a Thompson office and three staff working out of The Pas. An additional staff person divided his time between the two offices.

The objectives of the program are:

- 1) to assist Manitoba communities and provincial agencies in developing recreation opportunities for all Northern Manitobans;

- 2) to provide equal opportunity to disadvantaged groups and individuals to participate in recreation activities.

During 1975/76 expenditures of \$326,825.19 were shared between DREE and Manitoba.

The cultural and recreational services activity, made up of four components, achieved the following results:

The Exposure component designed to increase the appreciation and understanding of recreation by providing opportunities for Manitobans to be exposed to new and unique physical, cultural and social recreational activities:

- a) Assisted 20 communities in the development of recreational activities by promoting the exchange of human resources from community to community.
- b) Provided a forum for the exchange of ideas in the form of twenty-three conferences with 297 delegates.
- c) Exposed communities to new recreation activities by way of twelve demonstrations and ten concerts in the north.

The Human Resources Development component designed to provide training for potential community recreation leaders and support events which foster the improvement of skills and performance in leisure time activities:

- a) Provides leadership training workshops, clinics and courses for the development of part-time and full-time recreation leaders. During 1976/77, twenty-two workshops and sixteen courses were conducted. Twenty-nine leaders were provided assistance for training and eight of the leaders, who were trained, ran courses in their own communities.
- b) Provides skill development schools, clinics and workshops for leaders in activities which are underdeveloped. During 1976/77, thirty clinics were run.

The Northern Swim Program provided two weeks of swimming and water safety instruction to 618 people from 22 communities (See Table B.4).

Table B.4
Northern Swim Program

<u>Community</u>	<u>Number of Participants</u>
Churchill	25
Manigotogan	22
Crane River	15
Matheson Island	6
Cross Lake	33
Meadow Portage	
Toutes Aides	51
Rorketon	
Grand Rapids	29
Norway House	17
Ilford	15
Pikwitonei	37
Leaf Rapids	46
Pine Dock	25
Lynn Lake	49
Shamattawa	25
Mafeking	38
Sherridon-Cold Lake	16
Split Lake	31
Wabowden	37
Duck Bay	24
Gillam	77

The cost of Frontier Games is shared with the Frontier School Division. During 1976/77, 200 students from the following communities participated in the 1977 Frontier Divisional and Regional Games: Brochet, Gillam, Ilford, Pikwitonei, South Indian Lake, Thicket Portage, Wabowden, Barrows, Crane River, Duck Bay, Pelican Rapids, Waterhen, Berens River, Jack River (Norway House), Matheson Island, Rossville and Wagipigow.

- c) Provides grants to provincial recreation agencies who offer leadership training opportunities and/or skills development opportunities. Under this component a \$5,000 grant was made to the Northern Manitoba Recreation Association during 1976/77.

The Physical Resources Development component designed to assist Manitoba communities in developing their physical recreation resources, including facilities and equipment:

- a) Provides a program by means of an arts education grant in which communities are assisted in purchasing creative arts equipment, limited to 40 per cent of the cost to a maximum of \$500. During 1976/77 grants were made to Island Lake, Cranberry Portage, The Pas and Duck Bay.
- b) Provides 25 per cent of the cost for construction and renovation of recreation facilities through a facilities grant.
- c) Provides a consultative service on a per diem basis to communities and districts for the planning, operation and maintenance of major recreation facilities. During 1976/77 equipment was loaned to communities on twenty-six occasions.

The Community Programs Development component designed to assist Manitoba communities in the planning, implementation and co-ordination of community recreation services as well as taking full advantage of all available resources:

- a) Provides consultation to communities on the management of recreation services, programs and facilities. During 1976/77 seventy community meetings were held and ninety-four other visits were made.
- b) Provides a \$2,000 grant to communities hiring full-time recreation directors. During 1976/77 the following communities took advantage of this program: Thompson, Flin Flon, The Pas, Gillam, Churchill, Snow Lake, Lynn Lake and Leaf Rapids.

- c) Cost-shares teachers salaries with Frontier School Division where teachers act as part-time recreation directors in more remote northern communities. During 1976/77 Berens River, Duck Bay, Cormorant, Wabowden, Pelican Rapids and Island Lake took advantage of this program.

- d) A capability for full-time co-ordination of recreation programs through the New Careers Program is being undertaken. As the New Careerists graduate, they will replace the part-time teachers/part-time recreation directors.

The manager of the Culture and Recreation Services activity is:

Gerry Maurice
Department of Tourism, Recreation and Cultural Affairs
2nd Floor-200 Vaughan Street
Winnipeg, Manitoba
Telephone: 942-5566

Program 2 Northern Manitoba Human Development Services

The objective of this program is to increase the number of northern residents engaged in northern employment opportunities through a wide range of human development services.

To date, three projects have been implemented. Through the first project, the Northern Development Corps, an integrated manpower service has been developed embracing a job information-referral network and relocation employment activities with social support systems. Through the second project, Northern Corporate and Community-Based Enterprises, there are activities in building construction, forestry, and heavy construction providing work experience for northern residents. The third project, Adult Professional Development, has provided post-secondary education or on-the-job training in careers that otherwise would not be open to northern residents for reasons such as insufficient resources and other barriers.

The cost of this program is borne by DREE and the Province according to the 60/40 percent cost-sharing formula. Detailed reports on these projects and their activities follow.

Project 1 Northern Development Corps

Activity 1 Regional Services

The Department of Northern Affairs (Northern Development Corps) undertook the delivery of a regionally managed and community based human development service through the Regional Services activity. A total staff complement of seventy-six was involved in executing this activity in the regions of The Pas (22 staff), Churchill (5 staff), Leaf Rapids (10 staff), Norway House (14 staff) and Thompson (15 staff). In addition to these regionally oriented staff, the activity headquarters located in The Pas was comprised of ten staff (seven of whom were project staff activated at various times in each of the regions).

The components of this activity which were delivered through this regional structure consisted of employment services (job information, employment counselling and employment referral systems), a Youth Corps program, a Family Home Advisory program, a northern apprenticeship service, an employment relocation support service, and community based short term training projects.

During 1976/77 expenditures of \$2,036,603.35 were shared 60/40 between DREE and Manitoba.

Specifically, the results of the activity were:

a) Employment Services

TABLE B.5

Regional Services - Employment Services, 1976/77

	<u>The Pas</u>	<u>Churchill</u>	<u>Leaf Rapids</u>	<u>Norway House</u>	<u>Thompson</u>	<u>Total</u>
Files Opened	341	622	238	712	1,229	3,142
Counseling Sessions	510	1,662	500	852	2,196	5,720
Training Referrals	46	61	14	120	58	299
Training Place-ments	15	39	1	85	31	171
Job Referrals	435	524	247	199	583	1,988
Job Place-ments	200	448	87	146	472	1,353
Job Orders Received	421	516	164	199	494	1,794

b) Youth Corps

The target established for the Youth Corps for the 1976/77 period was to deliver the program to forty-nine remote communities with a high degree of co-ordination being sought with the federal Department of Indian Affairs and Northern Development. Actual experience for the period was that 274 youths from thirty-five communities were employed for eight-week periods. Youth and projects were selected by the respective community and/or Band Councils. Mayors and Chiefs were specifically advised to identify

projects that would provide youth with work experience in their home community and which would provide them with the type of work history that could gainful employment in the future. Projects ranged from community clean-up and maintenance to employment in stores and local and provincial government offices. Further detail is provided in Table B.6 (p. 58).

c) Family/Home Advisory Program

The original targets for the 1976/77 period were to operate the program in twelve remote communities using recently trained staff and to train an additional ten home advisors enabling the program to expand to ten new communities. Actual experience was that thirteen communities were serviced by ten advisors trained in the areas of nutrition and food preparation, housing, money management, sewing, child development, basic public health, home and furniture maintenance and general issues related to relocation adjustment where appropriate. These communities were:

The Pas	Red Deer Lake
Sherridon/Cold Lake	Cormorant
Easterville	Duck Bay
Camperville	Churchill
Barrows	South Indian Lake
Dawson Bay	Grand Rapids
National Mills	

The program was expanded to the following communities which were served by ten trainee home advisors:

Pukatawagan	Wanipigow
Nelson House	Manigotogan
Cross Lake	Seymourville
Gillam	Norway House
Split Lake	Waterhen
Thicket Portage	Skownan
Berens River	Mallard
Salt Point	Meadow Portage

TABLE B.6
Youth Corps Projects, 1976/77

Community	Number of Youths Participating	Nature of Projects
Berens River	10	General community clean-up
Bissett	5	General community clean-up
Brochet	9	Stores, medical centre, general community clean-up
Camperville	8	School maintenance, general community clean-up
Cormorant	8	Improvements to beach, ballpark, recreation area
Cranberry Portage	8	Cemetery and street improvements, general community clean-up
Crane River	6	Beach clean-up, general community clean-up
Cross Lake	12	Assistance to old age pensioners; youth placed in forestry office, council office, radio office, nursing station, general community clean-up
Duck Bay	8	Fence post operation, general com- munity clean-up
Easterville	8	Cemetery improvements, general com- munity clean-up

TABLE B.6 (Cont'd)

Youth Corps Projects, 1976/77

Community	Number of Youths Participating	Nature of Projects
Fort Alexander	14	General community clean-up
Grand Rapids	8	Assistance to old age pensioners, grass cutting, etc.
Granville Lake	5	Work in stores, health centre, general community clean-up
Ilford	6	Assistance to old age pensioners, day care centre, landscape and prepare recreation area, community recreation program
Little Black River	5	General community clean-up
Mallard	6	Assistance to old age pensioners, general community clean-up
Manigotogan	5	General community clean-up
Matheson Island	5	General community clean-up
Moose Lake	8	Skating rink repair, general community clean-up
Nelson House	10	MREM, nursing station, land office, housing project, assistance to old age pensioners and recreation director
Norway House	16	General community clean-up

TABLE B.6 (Cont'd)
Youth Corps Projects, 1976/77

Community	Number of Youths Participating	Nature of Projects
Oxford House	8	General community clean-up
Pelican Rapids	8	Cemetery improvements, general community clean-up
Pikwitonei	6	Build public boardwalks, community sports day, general community clean-up
Pine Creek	6	School maintenance
Pine Dock	5	General community clean-up
Pukatawagan	10	General community clean-up, store help
Seymourville, Hollow Water	7	General community clean-up
Skownan	8	Landscape and prepare recreation area
South Indian Lake	3	Store, restaurant, nursing station, airport, council office
Tadoule Lake	8	Tear down buildings, assist in construction of new buildings, general community clean-up
The Pas	8	Tourist information, office work, grass cutting, etc.
The Pas Reserve	8	Landscape and prepare recreation area, general community clean-up

TABLE B.6 (Concl'd)

Youth Corps Projects, 1976/77

Community	Number of Youths Participating	Nature of Projects
Thicket Portage	6	Cemetery clean-up, assistance to old age pensioners, community hall improvements
Wabowden	8	Landscape recreation area, crop reaping, cemetery improvement, general community clean-up

All home advisors report directly to five home economists located in The Pas, Thompson, and Norway House.

d) The Northern Apprenticeship Service

Apprentices are indentured to the Northern Development Corps rather than to individual employers. A total of 84 clients were registered regionally as follows:

	<u>Clients</u>
The Pas	26
Churchill	41
Thompson	10
Norway House	7

e) Relocation Services

Services continued in both Leaf Rapids and Thompson, assisting in the relocation of workers and their families from remote communities to employment in industrial centres. The Leaf Rapids (TAWOW) relocation service assisted 35 to 40 families, while the Thompson service, funded by a grant to the Manitoba Métis Federation, assisted approximately ten families. During 1976/77, negotiations also began with Hudson's Bay Mining and Smelting in Flin Flon on the possibility of subsequently establishing a similar service.

f) Community-Based Training Projects

A series of short term training efforts were made operational during 1976/77. These included a two-phase driver training program (the first phase is delivered in remote locations; the second at Keewatin Community College) which, for the 1976/77 period, reached 65 clients in phase two training. On a regional basis, this client group was distributed as follows:

	<u>Clients</u>
Leaf Rapids	10
Thompson	10
Churchill	5
Norway House	15
The Pas	25

Also, a Special Driver Training Contract was undertaken with Wabowden involving ten clients.

Other training projects delivered during the period were:

- secretarial training in the Churchill Region involving fifteen people;
- training contracts with the Town of Churchill for three stationary engineers;
- approximately 25 people, upon discharge from The Pas Detoxication Centre, received work orientation training on The Pas Rehabilitation Work Force;
- approximately 35 people received logger training at a community owned forestry operation in Grand Rapids;
- fifteen people received life skill training in Oxford House; and
- one person was trained as a radio operator/technician in Norway House.

The manager of the Regional Services activity is:

Robb Tonn
Department of Northern Affairs
Box 2850
The Pas, Manitoba
Telephone: 623-7481, Extension 193

Activity 2 Program Support Services

This activity consists of program support components conducted by both the Department of Northern Affairs and the Department of Renewable Resources and Transportation Services. The Department of Northern Affairs utilized eight staff providing technical expertise to the Regional Services and Corporate Projects branches in the areas of community manpower planning, community economic development and project proposal development. The Department of Renewable Resources and Transportation Services utilized two staff in the delivery of a Forestry Counterpart Training program for Channel Area Loggers and Moose Lake Loggers.

During 1976/77 expenditures of \$529,846.64 were shared 60/40 between DREE and Manitoba.

The following output was achieved during 1976/77:

Program Support Services

Department of Northern Affairs initiatives such as family services, youth services and driver training were reorganized to be delivered from the Regional Services activity out of the regional offices. This left the community economic development related activities within Program Support so that the Department can strengthen its economic development thrust.

During 1976/77 life skills workshops were given to the Corps regional office staff, Thompson and The Pas MMF staff, RTM Plant staff and Local Government Development Training Services staff. Three weeks of life skill training was also arranged for a group of potential community college students in Oxford House. The life skills training program is designed to assist northerners in making the necessary adjustments when moving from a remote to an urban setting.

Staff assisted Cross Lake in the nurturing of a one-year economic development plan, and in bringing the plan to an operational stage. Assistance was also provided to the Corporate Projects and Community Based Enterprises activity in filming projects, producing brochures and pamphlets and developing evaluation and statistical reporting systems.

The manager of the Program Support Services activity is:

Harold Wells
Department of Northern Affairs
Box 2850
The Pas, Manitoba
Telephone: 623-7481, Extension 113

Forestry Counterpart Training

Lodged in the Department of Renewable Resources and Transportation Services, this initiative provides on-the-job training to northern residents to assist them in acquiring the necessary qualifications to eventually assume the positions of manager, book-keeper and/or mechanic. This training was provided to six individuals during 1976/77, three each near Moose Lake for Moose Lake Loggers Ltd., and near Berens River for Channel Area Loggers Ltd. Each bookkeeper-trainee worked under the direction of an experienced accountant. The manager-trainees worked closely with the experienced qualified logging managers employed by the companies, and the mechanic-trainees received direction from qualified mechanics.

The manager of the Forestry Counterpart Training is:

Ray Delbaere
Department of Renewable Resources
and Transportation Services
1495 St. James Street
Winnipeg, Manitoba
Telephone: 785-9245

Project 2 Northern Corporate- and Community-Based Enterprises

Activity 1 Building Construction

This activity, implemented by the Manitoba Department of Northern Affairs, consisted of two components--the Churchill Prefab Plant and The Pas RTM (Ready-To-Move) Plant. The components operated with Northern Affairs staff resources of two and five persons respectively.

The activity aims at providing training, work experience, and, in some cases, continuing employment to the client group.

During 1976/77 expenditures of \$336,200.00 were shared 60/40 between DREE and Manitoba in support of the Churchill Prefab Plant. Expenditures of \$113,000.00 were shared with DREE on a 60/40 basis in support of The Pas RTM Plant. The Churchill Prefab Plant was situated in Churchill and The Pas RTM Plant was situated at two sites - Big Eddy and Young's Point.

Churchill Prefab Plant

During 1976/77 the plant did not secure new contracts and thus could only concentrate on finalizing old contracts. During the winter months production was at a standstill. During March, construction started on three units of a forthcoming contract for nineteen units. The staff complement of the Prefab Plant itself was 15. An average complement of 20 trainees, 15 apprentices, five semi-skilled workers and five labourers were also on-site during 1976/77. The trainees and apprentices were residents of Churchill. A total of 576 man-months of labour was provided.

Table B.7
Churchill Prefab Plant Trainees, 1976/77

	<u>Total Hired</u>	<u>Total Trainee Turnover</u>	<u># Trainees Graduated</u>	<u>Man-Months Training Provided</u>
Trainees	37	30	15	27

RTM Plant

During 1976/77 a contract with the Manitoba Housing and Renewal Corporation was completed. With completion of the contract, plans were made to move the prefab, precut, and RTM operation to Cranberry Portage, while converting the existing operation to a cabinet and furniture plant.

The average staff complement of the plant was four trainees, four apprentices and three tradesmen. In addition, Northern Development Corps support services included a manager, plant superintendent and construction supervisor. Fifty per cent of the trainees and apprentices were estimated to be residents of Big Eddy and 50 per cent were residents of Young's Point. Table B.8 shows the distribution and field of trainees at the RTM plant.

Table B.8
RTM Plant Trainees, 1976/77

	<u>Total # Trainees Hired</u>	<u>Total Trainee Turnover</u>	<u># Trainees Graduated</u>	<u>Man- Months Training</u>	<u>Man-Months Employment Other Than Trainees</u>
Electrical	1	--	--	12	--
Carpentry, Heating Painting	8	2	--	96	36

Both of these components received drafting, systems design, marketing budget and management assistance from the Director's office, Corporate Projects.

The manager of the Building Construction activity
is:

Randy Burrton
Department of Northern Affairs
Box 2850
The Pas, Manitoba
Telephone: 623-7481, Extension 190

Activity 2 Forestry

Forestry was implemented by the Manitoba Department of Northern Affairs with the Department providing support by means of the manager, camp foreman and an administrative officer. The activity aims at providing training, work experience and continuing employment in forestry operations at Mistik Creek Loggers.

During 1976/77 expenditures of \$485,400.00 were shared between DREE and Manitoba. The operation is situated on a camp site at Blueberry Lake, with administrative offices in Cranberry Portage. All of the trainees were northerners.

During 1976/77 the project operated under a Manfor contract for the cutting of logs. On January 1, 1977 the project was incorporated and continued to employ twenty cutters with support staff. The employee complement of Mistik Creek Loggers is:

Table B.9

Mistik Creek Loggers Employees

20 production cutters
1 tractor operator
1 bull cook
2 kitchen staff
1 manager
1 camp foreman
1 administrative officer
1 administrative assistant
1 clerk typist
1 mechanic
3 mechanic/trainees
1 production foreman/trainee
1 camp clerk-scaler/trainee

Five trainees were hired and received sixty man-months of training. A total of 265 man-months of employment was provided for the remaining employees.

The manager of the Forestry activity is

Randy Burron
Department of Northern Affairs
Box 2850
The Pas, Manitoba
Telephone: 623-7481, Extension 190

Activity 3: Heavy Construction Program

This program was implemented by the Manitoba Department of Northern Affairs. The activity is designed to train and provide work experience in the operation and maintenance of large earth moving equipment and related drilling, trucking and road maintenance work.

During 1976/77 expenditures of \$363,000.00 were shared 60/40 between DREE and Manitoba in support of Minago Contractors on the Easterville road job site.

During the fiscal year, the company provided employment and work experience to approximately thirty staff per month in the following categories: labourers, heavy equipment operators, mechanics, servicemen, cooks, cooks' helpers, project foreman, general manager and office accountant. Generally, preference in employing staff in these categories was given to the residents of Easterville. The trainee complement amounted to three staff per month in the categories of servicemen, heavy equipment operators and cooks' helpers. The trainees were northerners primarily from the communities of Cormorant, Mafeking, Thompson and Easterville.

Table B.10
Minago Contractors Trainees, 1976/77

	<u>Total # Trainees</u>	<u>Man-Months Training</u>
Servicemen	1	1.5
Operators	8	17
Camp Maintenance & Supervision	2	4

The manager of the Heavy Construction Program activity is:

Randy Burrton
Department of Northern Affairs
Box 2850
The Pas, Manitoba
Telephone: 623-7481, Extension 190

Activity 4 Director's Office

This activity was implemented by the Manitoba Department of Northern Affairs.

During 1976/77 expenditures of \$97,204.87 were shared 60/40 between DREE and Manitoba. It is estimated, however, that some \$60,000 of these costs were expenditures applicable to departmental support given to The Pas RTM Plant.

Two staff were employed in the provision of over-all support and direction to four corporate projects: Churchill Prefab Plant, Mistik Creek Loggers, The Pas RTM Plant, and Minago Contractors. Staff serve on the boards of Minago Contractors, Mistik Creek Loggers, and the Churchill Prefab Plant. In addition three support staff developed and implemented a marketing strategy service for the Churchill Prefab Plant and The Pas RTM Plant while providing systems design and drafting services as necessary.

The manager of the Director's Office activity is:

Randy Burrton
Department of Northern Affairs
Box 2580
The Pas, Manitoba
Telephone: 623-7481, Extension 190

Activity 5 Pakwagan Community Services

These services were implemented by the Manitoba Department of Northern Affairs.

During 1976/77 expenditures of \$280,458.97 were shared 60/40 between DREE and Manitoba.

This operation is situated on site at Jenpeg and is intended to develop local industry and produce log housing.

During 1976/77 a logging operation was undertaken which employed approximately thirty people. However, because of the high costs of selectively cutting trees large enough for log housing, this activity was eliminated in favor of purchasing logs from local communities. The work force was reduced to the stable level of six northern residents, who operate the milling plant.

During 1976/77, 39 buildings were produced. Management assistance is provided by the Department of Northern Affairs.

The manager of the Pakwagan activity is:

Marv Tyler
Department of Northern Affairs
349 Legislative Building
Winnipeg, Manitoba
Telephone: 947-3370

Project 3: Adult Professional Development

Activity 1: New Careers

The Department of Continuing Education and Manpower utilized nine staff in administering the Northlands New Careers program during fiscal 1976/77.

This program is intended to provide human resource development through a positive employment program. More specifically, its objectives are:

- to help "disadvantaged" persons enter the job market, especially in areas of high need in the human services;
- to make services more efficient and effective by extending a professional worker through the use of paraprofessionals;
- to create socially useful and meaningful jobs at the entry level, and to train persons for entry level jobs as well as for advancement within and between departments;
- to reorient government employment practices by demonstrating that the waiver of traditional recruiting patterns and credentials when offset by special program efforts, need not result in a lowering of standards.

Essentially, the program provides structured on-the-job training, related specifically to skills and knowledge required to competently perform particular jobs. Approximately 70 per cent of the two year-training period is spent on the job with 30 per cent being spent in the classroom. Course design is based on specified behavioural objectives related to performance on the job so that follow-up field evaluation may occur.

The jobs provided are selected to ensure that they are real, meaningful and provide lateral and upward career mobility. Positions may be established and traditional, such as conservation officers, human rights officers and correctional officers; or they may be in newer areas of service such as chemical abuse counsellors, legal assistants and community health workers.

Basically, the target group as defined by the program objectives is composed of:

- 90 per cent of trainees are of native ancestry;
- 80 per cent have less than Grade IX education;
- 76 per cent have work histories described as intermittent, unstable or never employed;
- 65 per cent are women.

During 1976/77 expenditures of \$1,483,875.74 were shared 60/40 between DREE and Manitoba.

The manager of the New Careers program is:

Linda Wiebe
Department of Continuing Education and Manpower
16 Martha Street
Winnipeg, Manitoba
Telephone: 943-1531

Tables B.11 and B.12 indicate the results achieved during 1976/77.

TABLE B.11

New Careers Activity Performance Indicators, 1976/77

Programs	Host Agency	# Trainees		# Dropouts		# Recruited	# Grads	# Grads Placed
		Year 1	Year 2	Year 1	Year 2			
Child Welfare Workers	Health and Social Development	2				2		
Chemical Abuse	St. Anthony Detox Centre	1	2	2		7	2	2
Child Care Workers	Churchill Health Centre	1	1	3		5		
Probation Aides	Corrections		4	1		5		
Home Advisors	Northern Affairs	7		1		8		
Apprenticeship Consultant	Northern Affairs		3	1	1	5		
Environmental Aides	MREM		8	4	1	13		
Recreation Specialists	Tourism	5	9	4	2	20		
Ma-Mow-We-Tak	Ma-Mow-We-Tak Migration Center	3				3		
ABE Instructors	Keewatin Community College	6		3		9		
Nutrition Advisors	Frontier School Division		4	3	1	7		
Manitoba Telephone System	MTS	1		3		7	3	3
Northern Co-ordinator	Northern Affairs	4				4		
Conservation Officers	MREM	5		2		7		
Community Health Workers	Health and Social Development		5	1		6		
Radio Announcers	Native Communications	2				2		

TABLE B.12

New Careers Activity Performance, by Community, 1976/77

Positions	Host Agency	Trainees' Community of Origin	No. Per Community	Communities Where Employed	No. Per Community
Child Welfare Workers	Health and Social Development	Island Lake	1	Island Lake	1
		Berens River	1	Berens River	1
Chemical Abuse Counsellors	St. Anthony Detox. Centre	The Pas	5	The Pas	5
Child Care Workers	Churchill Health Center	Churchill	2	Churchill	2
Probation Aides	Corrections	Fort Alexander	1	Fort Alexander	1
		Camperville	1	Camperville	1
		Churchill	1	Churchill	1
		Norway House	1	Norway House	1
Home Advisors	Northern Affairs	Berens River	1	Berens River	1
		Cross Lake	1	Cross Lake	1
		Nelson House	1	Nelson House	1
		Wanipigow	1	Wanipigow	1
		Thicket Portage	1	Thicket Portage	1
		Gillam	1	Gillam	1
		Toutes Aides	1	Toutes Aides	1
Apprenticeship Consultant	Northern Affairs	Thompson	1	Thompson	1
		The Pas	1	The Pas	1
		Gods Lake	1	Gods Lake	1

TABLE B.12 (Cont'd)

New Careers Activity Performance, by Community, 1976/77

Positions	Host Agency	Trainees' Community of Origin	No. Per Community	Communities Where Employed	No. Per Community
Environmental Aides	Mines, Resources and Environmental Management	South Indian Lake	1	South Indian Lake	1
		Easterville	1	Easterville	1
		Cross Lake	1	Cross Lake	1
		Thicket Portage	1	Thicket Portage	1
		Manigotogan	1	Manigotogan	1
		Moose Lake	1	Moose Lake	1
		Norway House	1	Norway House	1
		Gods Lake	1	Gods Lake	1
Recreation Specialists	Tourism	Cross Lake	1	Cross Lake	1
		Easterville	1	Easterville	1
		Berens River	1	Berens River	1
		Shamattawa	1	Shamattawa	1
		Churchill	4	Churchill	4
		Brochet	1	Brochet	1
		Thompson	2	Thompson	2
		Moose Lake	1	Moose Lake	1
		Wabowden	1	Wabowden	1
Churchill	1	Churchill	1		
Ma-Mow-We-Tak	Ma-Mow-We-Tak Migration	Thompson	3	Thompson	3
Adult Basic Education Instructors	Keewatin Community College	The Pas	6	The Pas	6
Nutrition Advisors	Frontier School Division	Cranberry Portage	1	Cranberry Portage	1
		Grand Rapids	1	Grand Rapids	1
		Norway House	2	Norway House	2

TABLE B.12 (Concl'd)

New Careers Activity Performance, by Community, 1976/77

Positions	Host Agency	Trainees' Community of Origin	No. Per Community	Communities Where Employed	No. Per Community
Manitoba Telephone System	MTS	Berens River	1	Selkirk	1
		Churchill	1	Churchill	1
		Norway House	1	Norway House	1
		Pukatawagan	1	Wabowden	1
Northern Co-ordinator	Northern Affairs	Thompson	1	Thompson	1
		Selkirk	1	Selkirk	1
		The Pas	1	The Pas	1
		Dauphin	1	Dauphin	1
Conservation Officers	MREM	Thompson	1	The Pas	Headquarters are moved frequently
		Grand Rapids	1	Mafeking	
		Winnipeg	1	Thompson	
		Steinbach	1		
		Cowan			
Community Health Workers	Health and Social Development	Thicket Portage	1	Thicket Portage	1
		Tadoule Lake	1	Tadoule Lake	1
		Ilford	1	Ilford	1
		Grand Rapids	1	Grand Rapids	1
		Pikwitonei	1	Pikwitonei	1
Radio Announcers	Native Communications	Norway House	2	Norway House	2

Activity 2 Brandon University Native Teacher Education
Program (BUNTEP)

This activity was implemented by the Manitoba Department of Continuing Education and Manpower, Special Projects Branch with a pro-rated staff resource equivalent to three persons. Both BUNTEP and the Northlands Special Mature Students Program utilize the same staff resources.

The objective of BUNTEP is to provide teacher training and support to Indian and Métis residents in remote northern communities to meet the need and demand for native teachers in those communities.

BUNTEP serves those communities in which:

- the community has demonstrated an interest in cooperating with the project by requesting a BUNTEP center;
- the community is large enough to justify a centre by providing teaching positions;
- the community is centrally located among a number of small communities, which, taken together, can provide teaching positions for graduates;
- the community has a demonstrated need on the basis of current teacher turnover rates affecting the quality of education.

BUNTEP offers northern native students the opportunity to achieve teacher certification through a totally off-campus delivery model. The required, Arts, Science and Education courses are provided by visiting instructors from Brandon University or the resident center coordinator. Teaching practicums are supervised in the same fashion.

A basic principle underlying this activity is the provision of educational opportunities to people who, in the normal course of events, do not have access to such opportunities. Students reflect at least two or three of the normally accepted criteria of disadvantage; older rather than younger, low formal education attainment, female rather than male, having dependents rather than being single, with histories of unemployment, underemployment or intermittent employment.

During 1976/77 expenditures of \$1,011,777.27 were shared 60/40 between DREE and Manitoba. Table B.13 depicts the results of the program delivery during 1976/77.

The manager of BUNTEP is:

Wayne Brewer
Department of Continuing Education
and Manpower
200 Osborne Street, North
Winnipeg, Manitoba
Telephone: 775-8658

TABLE B.13

BUNTEP, 1976/77

BUNTEP Centre	No. of Full Term Staff	Community Origin of Students	No. of Students in Program	No. of Entries 76/77	No. of Dropouts	No. in Training	No. of Graduates
Island Lake	1	Island Lake	13				
Cross Lake	1	Cross Lake	14				
Split Lake	1	Split Lake	15				
The Pas	1	The Pas	13				
		Moose Lake	2				
		Duck Bay	1				
		Pikwitonei	1				
		Moreert, Ontario *	1				
		Shoal River	1				
		Pelican Rapids	1				
		Cumberland House, Sask.*	1				
		Cranberry Portage	2				
Nelson House	1	Nelson House	11				
Oxford House	1	Oxford House	10				
Norway House	1	Norway house	12				
Camperville	1	Camperville	10				
Peguis	1	Peguis	14				
TOTAL	9	17	122	35		87	0

Certification of Graduates, (#): 42 Bachelor of Teaching 77/78
 # Program Admin. Staff: 2.5
 # Brandon University Support Staff: 0.5
 # Itinerant Academic Staff: 8
 Total # Staff Per Centre: 1

* places of birth prior to northern Manitoba residency

Activity 3 Special Mature Students' Program

This activity was implemented by the Manitoba Department of Continuing Education and Manpower, Special Projects Branch with a pro-rated staff resource equivalent to approximately 1½ persons.

During 1976/77 expenditures of \$534,067.99 were shared 60/40 between DREE and Manitoba.

The activity is designed to deliver a degree level university program in selected schools and faculties at Brandon University and the University of Manitoba as well as delivering a Registered Nurses Program at Brandon General Hospital. These projects require students to attend a full calendar year at the institutions concerned, with the opportunity to pursue university degrees. Special supports and counselling are provided to assist the students.

A basic principle underlying this activity is the provision of educational opportunities to people who, in the normal course of events, do not have access to formal education. Students reflect at least two or three of the normally accepted criteria of disadvantage: older rather than younger, low formal education attainment, female rather than male, having dependents rather than being single, histories of unemployment, under-employment, or intermittent employment.

Tables B.14 and B.15 depicts the results of program delivery during 1976/77.

The manager of the Special Mature Students' Program is:

Wayne Brewer
Department of Continuing Education and Manpower
200 Osborne Street North
Winnipeg, Manitoba
Telephone: 775-8658

Special Mature Students Program, 1976/77

Faculty	University	# Entries	# In Training	# Dropouts	# Grads	Certification
Nursing	Brandon General Hospital	12	11	1	0	
Arts	University of Manitoba		18			
Education			2		1	
Science			2			
Agriculture			2			
Social Work			1			
Physical Education			3			
Home Economics			1			
Nursing			2			
Law			4			
			<hr/>			
			TOTAL 35			
Education/ Science	Brandon University		10		4	Bachelor of Teaching
Arts/General			11		1	Bachelor of Arts
			<hr/>			
			TOTAL 21			

TABLE B.15

Home Community of Students in Special Mature Students Program, 1976/77

<u>University</u>	<u>Students Home Community</u> (numbers in school)
Brandon General Hospital	Norway House (1), Berens River (1), St. Theresa (1), The Pas (2), Garden Hill (1), Wabowden (1), Thompson (2), Cross Lake (1), Pequis (1), Fisher Bay (1).
University of Manitoba	Garden Hill (2), Snow Lake (2), Grahamdale (2), Thompson (3), The Pas (5), Flin Flon (1), Cranberry Portage (3), Wabowden (2), Duck Bay (1), Norway House (2), Grand Rapids (3), Manigotogan (1), Churchill (1), Tadoule Lake (1), Cross Lake (2), South Indian Lake (1), Island Lake (1), Fisher River (1), Swan Lake (1).
Brandon University (Education/Science)	Gillam (1), Churchill (2), Leaf Rapids (1), Grand Rapids (2), The Pas (2), Thompson (2).
Brandon University (Arts/General)	Snow Lake (1), Thompson (3), Camper- ville (1), Nelson House (2), Sherri- don (1), Grand Rapids (1), Cranberry Portage (2).

Program 3: Manpower Development Services

This program supports projects that provide residents of remote northern communities with employment services and post-secondary education. The employment services are comprised of two projects, Outreach and LEAP, both programs of the Canada Department of Manpower and Immigration. Under the third component, the Department of Indian Affairs and Northern Development provides employment and training assistance to Status Indian people. The program is targeted toward northern residents who exhibit some attachment or readiness for attachment to the labour force. Costs of this program are borne 100 per cent by the federal implementing departments. The progress report of these projects follows.

Project 1: Outreach

Outreach focuses on providing manpower services along with the on-going placement and support services of the Department of Canada Manpower and Immigration to those residents of remote communities who lack the necessary skills to effectively participate in the labour market and who experience particular and continuing difficulty in finding and keeping satisfactory employment. Under Outreach there will be an orderly transfer of Manpower services which had been initiated under the Interim Agreement and which were cost-shared by DREE and the Province, from the Province to Canada Manpower and Immigration.

To implement Outreach, Canada Manpower and Immigration contracts with individuals or organizations from the Northlands target area to provide manpower services for the target population. In this manner Outreach provides an information and labour market communication network linking remote communities with the industrial centres of northern Manitoba and the rest of the province and Canada. These services include a local referral

and placement service; assistance to unemployment insurance applicants and claimants; and for special services beyond the scope of Outreach counsellors, referrals to Canada Manpower Centres, and provincial and private agencies.

Details of Outreach operations are presented in the following table. Expenditures were \$198,974.00, borne 100 per cent by Canada Manpower and Immigration. Since most of the projects were implemented late in the fiscal year, the majority of time and effort was devoted to project organization and development, particularly in the areas of staff training, selection and orientation. In the past year, indications are that the majority of counselling interviews were concerned with employment, unemployment insurance, and training enquiries. An estimated 366 job placements were reported. With the implementation of an improved systematic reporting mechanism, future reports will provide a more accurate record of placements made. As Outreach workers gain experience, it is anticipated that their effectiveness in delivering Manpower services will increase, and a corresponding increase in Manpower activities will follow.

Further information on Outreach may be obtained from Canada Employment Centres (formerly Canada Manpower Centres).

TABLE B.16

Northlands Outreach Program, 1976/77

Outreach Project	Address	Contact	Communities Served	Expenditure \$	Staff	CMC Area
Split Lake	Split Lake Outreach Split Lake, Manitoba R0B 1P0	N. Flett	Split Lake York Landing	\$ 16,063	2	Thompson
Norway House	Norway House Outreach, Box 280 Norway House, Man. R0B 1B0	B. McLeod (359-6754)	Norway House	18,353	1 part-time	Thompson
Island Lake	Island Lake Outreach St. Theresa Point, Manitoba, R0B 1J0	R. Beardy	Garden Hill Red Sucker Stevenson Landing	15,642	2	Thompson
Cross Lake	Cross Lake Manpower Outreach Cross Lake, Manitoba R3B 0J0	W. Halcrow (676-2258)	Cross Lake	7,266	1	Thompson
Nelson House	Nelson House Employment Outreach Nelson House, Man.	F. Spence (484-2017)	Nelson House	7,543	1	Thompson
Grand Rapids	Community Manpower Centre c/o General Delivery Grand Rapids, Man. ROC 1E0	D. Pranteau (639-2437)	Grand Rapids	11,793	1	The Pas
Easterville	Easterville Community Employment Centre c/o General Delivery Easterville, Man.	J. Mercredi	Easterville	13,314	1	The Pas

TABLE B.16 Cont'd)

Northlands Outreach Program, 1976/77

Outreach Project	Address	Contact	Communities Served	Expenditure \$	Staff	CMC Area
Moose Lake	Moose Lake Community Employment Centre Moose Lake, Man.	C. Mercredi	Moose Lake	\$ 12,514	1	The Pas
Mafeking	Mafeking Community Employment Centre Mafeking, Manitoba	D. Doan	Pelican Rapids Shoal River Mafeking Barrows	14,114	1	The Pas
Lac Brochet	Outreach Lac Brochet c/o Lac Brochet Advisory Council Lac Brochet, Man.	W. Denedchzhe	Lac Brochet Brochet	12,734	1	Flin Flon
Cranberry Portage	Outreach Cranberry Portage 50 Ross Street Flin Flon, Manitoba	V. Goulet	Cranberry Portage Sherridon	12,000	1	Flin Flon
Pukatawagan	Outreach Pukatawagan c/o Mathias Colomb Band Pukatawagan, Man.	E. Sinclair (533-2218)	Pukatawagan Prayer River Granville Lake	12,158	1	Flin Flon
Fairford	Incorporated with Northwest Interlake Outreach Project		Fairford	288	0	Selkirk
Northwest Interlake	Northwest Interlake Outreach St. Martin, Man.	N. Sinclair (659-5397)	Little Saskatchewan Lake St. Martin Dauphin River Anama Bay Fairford	13,904	1	Selkirk

TABLE B/16 (Concl'd)

Northlands Outreach Program, 1976/77

Outreach Project	Address	Contact	Communities Served	Expenditure \$	Staff	CMC Area
Native Peoples	Native Peoples Outreach 13-366 Main Street Selkirk, Manitoba	W. Marsh (482-3323)	Selkirk	\$ 13,702	2	Selkirk
Employment Development Co-ordinator	Manitoba Métis Federation 275 Portage Avenue Winnipeg, Manitoba	A. Spence (956-2070)	Manitoba Métis Communities	7,144	1	N/A
Internal Outreach	The Pas Canada Manpower Centre Flin Flon Canada Manpower Centre Thomspon Canada Manpower Centre			3,826	0	The Pas
				1,827	0	Flin Flon
				4,789	0	Thompson
				\$198,974	18 Full-time 1 Part-time	

1
8
1

Project 2: Local Employment Assistance Program (LEAP)

The purpose of the Local Employment Assistance Program (LEAP) is to develop new ways of creating jobs for residents of northern Manitoba. This is achieved by developing self-supporting enterprises to provide employment and by assisting projects which generate motivation and the abilities to find, obtain and retain jobs in the labour market. LEAP projects may be initiated by a range of sponsoring organizations--voluntary non-profit groups, citizens' organizations, community corporations, cooperatives, individuals or municipalities. Under the program, projects can be funded for a period not exceeding three years at a maximum annual cost of \$200,000.00. However, selected projects may be supported for a research or development phase up to a maximum of six months before the three-year period begins. The funds provided through the LEAP contract are normally used for wages (paid at local rates), employer contributions for employee benefits, and reasonable administration overhead costs. Special costs, such as expert supervision, evaluation, training or counselling, may be authorized by the Department of Manpower and Immigration if they are essential to the success of the project, provided they do not exceed 20 per cent of the basic budget.

In 1976-77 three LEAP projects involved the Northlands target group. Expenditures, supported 100 per cent by Canada Manpower and Immigration, were \$109,707.00. Details of these projects are presented in Table B.17.

Further information concerning the LEAP program may be obtained from Canada Employment Centres (formerly Canada Manpower Centres).

TABLE B.17

Canada/Manitoba Northlands Agreement LEAP Program Progress Summary, 1976/77

Project Name	Location	Nature	Progress to March 31/77	Commitment \$			Expenditure \$	Jobs	Man-Weeks Employment
				Development	Operation	Total			
Kistigan	Thicket Portage	Market Garden Greenhouse	Training, land clearing, and construction of facilities	31,900	86,320	118,220	68,332	6	300
Ruby	The Pas	Create training & employment activities for residents of The Pas and surrounding Métis communities Identify products for manufacture	Three activities commenced: - six women training as seamstresses in duffel parka operation located in Otineka Mall - one person working at handicrafts - two carpenter trainees at Young's Point	96,749	--	96,749	30,731	14	344
Sagkeeng Furniture Corp.	Fort Alexander	Determine the potential economic benefit of a woodworking operation on the Fort Alexander Reserve	Exploration and development of operation	26,611	--	26,611	10,644	6	85
						\$241,580	\$109,707	26	729

Project 3: Indian Professional Development

The Indian Professional Development project, implemented by the Department of Indian Affairs and Northern Development (DIAND), provided assistance to Status Indian people in the following areas:

University

Students are supported by DIAND to attend the University of Manitoba, University of Brandon and also universities outside the province of Manitoba. Only students enrolled in regular university programs such as: Arts, Science, Teacher Training, were supported under this component.

BUNTEP Support (Brandon University Native Teacher Education Program)

DIAND supports students attending the BUNTEP program. It should be noted that funds expended in the locations of Garden Hill and St. Theresa Point are supportive expenditures to the BUNTEP program incurred for building facilities.

IMPACTE (Indian Metis Project for Careers through Teacher Education)

This is a three year, full-time University program. The province of Manitoba and DIAND have cooperated in establishing this Special Mature Students - Teacher Training program supporting the development of Native people leading to a degree in Teacher Education. Funds are transferred to the University of Brandon by DIAND to support students of Treaty Status.

PENT (Project for the Education of Native Teachers)

DIAND and the province of Manitoba employ para-professionals within their school systems. These paraprofessionals, as teacher aides, are provided with an opportunity to further their education through the PENT program held at Brandon University. Teacher aides of Treaty Status are sponsored by DIAND for five summer sessions at the University of Brandon leading to Teacher Certification.

Colleges

Support is provided for trainees attending community colleges within and outside of Manitoba. Status Indians attending training programs offered by private colleges, e.g. secretarial training, are also assisted.

Band Staff

Band staff training includes the necessary support for the further development of existing band leaders and employees relating to local control. Band staff training activities include all training aspects of Band Administration such as; accounting, secretarial training, training for Chiefs and Councils and various committees such as: school boards, economic development committees, and policing.

Student Summer Employment

DIAND provides funds to northern communities supporting a Student Summer Employment Program. Projects are developed by the communities.

Community Educators' Program

DIAND provides support to six Bands employing a community educator. These community educators were originally trained through an arrangement with the province of Manitoba.

Upon completion of training, individuals returned to their community for employment by the Band as a Community Educator. Their major role is to provide a support counselling service for individuals requiring further training and/or assist individuals in becoming gainfully employed.

Basic Job Readiness Training (BJRT)

The BJRT program is funded by Canada Manpower. The Department of Indian Affairs has provided funding in some northern communities supporting the existing Canada Manpower program. Funds are only provided by the Department of Indian Affairs in special situations to meet the needs of each particular program which cannot be funded entirely by Canada Manpower. This includes extra tutorial support and/or para-professional support, and recreational support.

Outreach

This category has two components. Under the first, the Department of Indian Affairs provides support funding for the employment of Outreach Counsellors as arranged by Canada Manpower. Funds are transferred to Canada Manpower with that department making implementation arrangements in the communities. Under the second component, short-term support is available to enable Status people to act on job opportunities.

Selkirk Parks Furniture

The Selkirk Parks Furniture plant is a training/work activity operated by the province of Manitoba in Selkirk, Manitoba. The Department of Indian Affairs supports the relocation of trainees to Selkirk.

TAWOW - Leaf Rapids

The province of Manitoba has established a relocation program supporting the development of Native people. The Department of Indian Affairs supports this project by providing relocation support costs for persons of Treaty Status selected for relocation to Leaf Rapids.

Social Education

Funds are provided by the Department of Indian Affairs to northern communities for school committee activities as a contribution to Bands based on \$4.00 per capita to a maximum of \$1,200. These funds are utilized by the communities to support the participation/involvement of community members in their education program. The school committees provide support to the Chiefs and Councils to develop further local control of education.

Employment Placement

The Department provides funding support for individual placement in employment where Canada Manpower support cannot be obtained. The types of clients that obtain support include students graduating and/or leaving school and requiring minimal support for placement in employment and unemployed persons of Treaty Status that have a confirmed employment opportunity having an immediate requirement for tools, clothing, transportation support, etc.

In 1976/77, expenditures were \$1,147,819, supported totally by DIAND. Further detail of activity in 1976/77 is presented in Tables B.18 and B.19.

For information on the Indian Professional Development Program contact:

Mr. John Yacucha
Northlands Officer
Department of Indian Affairs and
Northern Development
1100 - 275 Portage Avenue
WINNIPEG, Manitoba
R3B 3A3
Telephone: 985-5989

TABLE B.18

Indian Professional Development Project

Summary of Performance, 1976/77

<u>Category</u>	<u>Number of Participants</u>	<u>Expenditure</u> <u>\$</u>
University	122	258,775
BUNTEP	29	20,990
IMPACTE	23	138,500
PENT	34	39,550
Colleges	64	155,100
Band Staff	426	152,735
Student Summer Employment	337	126,866
Community Educators	8	120,000
Basic Job Readiness	88	18,754
Outreach	6	40,000
Selkirk Parks Furniture Plant	9	9,000
TAWOW - Leaf Rapids	8	8,000
Social Education	12*	20,213
Employment Placement	<u>383</u>	<u>39,336</u>
Total	1,549	\$1,147,819

* 23 communities received assistance for school committees.

TABLE B.19

Number of Individuals* Assisted Under the Indian Professional Development Project, by Community, by Program Component, 1976/77

Community	University	BUNTEP	IMPACTE	PENT	Colleges	Band-Staff	Student Sum- mer Employment	Community Educators	Basic Job Readiness	Outreach	Selkirk Park Furniture	TAWOW Leaf Rapids	Social Education	Employment Placement	TOTAL
Berens River	1			2	1	10								13	27
Bloodvein	1					10	2		15				s.c.	3	31
Brochet	1				2									-	3
Crane River	10			1		6								2	19
Cross Lake			2	4	6	20						3	s.c.	6	41
Easterville					1	16	2						s.c.	1	20
Fairford	2			3	2	16	3			** 1	3		s.c.	66	96
Fisher River	3		1		8	10	31			1	1		s.c. +12	26	93
Fox Lake	1													2	3
Garden Hill	36	8		3	5	20	12	1	15				s.c.	19	119
Gods Lake				1	2	10	18	1	12				s.c.	14	58
Gods River			1			7	11							2	21
Grands Rapids			2			12								2	16
Hollow Water			1			26								3	30

TABLE B.19 (Concl'd)

Number of Individuals* Assisted Under the Indian Professional Development Project, by Community, by Program Component, 1976/77

	University	BUNTEP	IMPACTE	PENT	Colleges	Band-Staff	Student Sum- mer Employment	Community Educators	Basic Job Readiness	Outreach	Selkirk Park Furniture	TANQW Leaf Rapids	Social Education	Employment Placement	TOTAL
Pukatawagan	1		3		2	6						1	s.c.	1	14
Red Sucker Lake	3		1	1	4	12	6	1					s.c.	1	29
Shamattawa	2					6	20						s.c.	3	31
Shoal River	5		2	1	1	12								14	35
Split Lake	6			2	1	8	50	1	16			2	s.c.	2	88
St. Theresa Point	10	8	3	3	1	12	12	1						8	58
Tadoule Lake			1		1	8	46						s.c.	3	59
The Pas	6				5	12				1				4	28
Wasagamack	3			1	2	8	5						s.c.	1	20
Waterhen	1			2		10							s.c.	2	15
York Landing	2			1		6	10							2	21
TOTAL	122	29	23	34	64	426	337	8	88	6	9	8	12	383	1,549

* Except for assistance to school communities under the Social Education category, which is provided to Band Councils, all assistance is provided to individuals. Twenty-three communities received assistance for school committees (indicated by s.c.).

** One staff person served the communities of Little Saskatchewan, Lake St. Martin, Dauphin River, Anama Bay and Fairford.

Background to Programs 4 and 5

The poor standards and lack of essential community services in many communities in northern Manitoba, especially the remote communities, result in a range of problems including health and environmental hazards, unsuitable housing and building sites, and disorganized development. Both of these programs are designed to finance the expansion of various community services in remote northern Manitoba communities. Although they are administered separately, the content and objectives of both programs are identical. Two programs are required because of different jurisdictional responsibilities. For northern communities which are located on lands other than Indian Reserve land and which fall under jurisdiction of the provincial government, DREE and the province share the costs of the Northern Community Services program. Costs are shared on the 60/40 per cent federal/provincial cost-sharing basis. Similarly, for communities on Indian Reserves or those traditionally served by the Canada Department of Indian Affairs and Northern Development, DREE and DIAND share the cost of providing community services through the Indian Reserve Community Services program. Under this program DREE shares cost with DIAND in the same manner as with the province under the Northern Community Services program--DREE bears 60 per cent of the program cost, DIAND 40 per cent.

The Northern Community Services Program consists of two projects: Community Infrastructure Support Services and Community Infrastructure Services. The Indian Reserve Community Services program consists of seven projects: Community Infrastructure Support Services (2), Safe Water Supplies, Waste Disposal Facilities, Fire Protection/Prevention, Internal Transportation Services, and Multipurpose Facilities.

The number of projects in the two programs merely reflects differences in the organization of delivery within implementing departments of the federal and provincial governments. The aggregate content of the two programs is identical.

Reports on both programs, their projects and activities, follow.

Program 4 Northern Community Services

Project 1: Community Infrastructure Support Services

Activity 1: Community Townsite Planning

This activity was implemented by the Manitoba Department of Northern Affairs with a staff complement of five persons.

During 1976/77 expenditures of \$150,612.97 were shared 60/40 between DREE and Manitoba.

The activity has the following as its objective: to assist communities on a continuing basis in the formulation of development objectives and plans, to develop comprehensive community plans to guide the community's growth and meet its land needs over the next decade, and to develop legal planning schemes which will allow community councils to administer and control land use and development. Further assistance is given to communities by examining the resource base in their immediate hinterland and developing proposals for their utilization and protection to ensure the future benefit and economic development of the community.

Basically, this work is undertaken in six phases.

1) Initial Stage

In response to a community request to prepare a plan, the goals, needs, scope and timetable are defined. The

proposal is then detailed, stating terms of reference, identifying inputs, methodology and approach, utilizing local participation via planning committees. Implementation of the process as outlined above begins after agreement with the community has been reached.

2) Inventory and Resource Analysis

Baseline studies, information gathering, research, and field surveys are undertaken utilizing consulting inputs where special studies are required. The existing community situation and resource potential and needs are also identified. A preliminary report is developed at this stage.

3) Alternate Development Strategies and Recommendations

Alternate land use and action plans and policies are identified. Each alternative is then assessed from a planning point of view. These are then reviewed by the community.

4) Community Land Use Plan

When the community chooses one of the development strategies, a plan and report are prepared.

5) Legal Stage - Adoption of Plan

Under this phase, a basic planning statement, development plan or zoning bylaw are approved by the Minister.

6) Implementation and Administration of the Plan

Under this phase, structures such as advisory planning committees are put in place to administer the plan. These committees recommend on all development proposals, amendments and rezoning, etc.

Generally this activity is designed to undertake six community studies per year. During 1976/77 this target was reduced to four as a result of government expenditure restraints. The following communities were targetted:

Bissett
Cormorant

Manigotogan
Norway House
























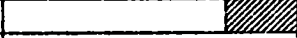




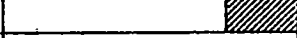











In addition to the above, Camperville, Duck Bay, South Indian Lake and Wabowden were assisted with continuation and/or implementation of studies initiated in 1974 or 1975. An area plan for Manigotogan/Seymourville was also prepared.

The degree to which the communities had proceeded through the phases during 1976/77 is displayed in Table B.20. It should be noted that each phase may vary in detail from community to community.

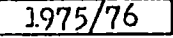


The manager of the Community Townsite Planning activity is:

Neil Carroll
Department of Northern Affairs
932 - 405 Broadway Avenue
Winnipeg, Manitoba
Telephone: 944-2531

TABLE B. 20
Community Townsite Planning
PROGRESS STATUS CHART

<div style="text-align: center;">Planning Stages</div> <div style="text-align: left; padding-left: 5px;">Community</div>	<div style="text-align: center;">I Initial Stage</div>	<div style="text-align: center;">II Inventory and Resource Analysis</div>	<div style="text-align: center;">III Alternative Development Strategies & Recommendations</div>	<div style="text-align: center;">IV Community Land- Use Plan</div>	<div style="text-align: center;">V Legal Stage- Adoption of Plan</div>	<div style="text-align: center;">VI Implementation & Administration of Plan</div>
Cormorant						
Norway House						
Manigotogan	1975/76					
Bissett						
Camperville	1975/76					
Duck Bay	1975/76					
Wabowden	1973/74	1973/74	1973/74	1974/75		
South Indian Lake -Subdivision -Extension -Revisions to Town Plan	1975/76	1975/76	1975/76	1975/76		
Manigotogan/ Seymourville Area Plan	1974/75	1975/76	1975/76			

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KEY:  1975/76



Work Completed Prior to 1976/77.

Work Completed 1976/77 Fiscal Year.

Work Proposed 1977/78. (Two new studies proposed in 1977/78 at Cross Lake and Island Lake)

Activity 2: Community Base Mapping

This activity was implemented by the Manitoba Department of Northern Affairs with a staff resource of five persons.

During 1976/77 expenditures of \$220,163.98 were shared 60/40 between DREE and Manitoba.

The activity has the following objectives:

- 1) to provide aerial photographs and comprehensive mapping at a scale of 1:2,000 comprising the cultural, physical and cadastral nature of northern communities. This portion of the activity is contracted with the Surveys and Mapping Branch of the Department of Renewable Resources and Transportation Services;
- 2) to provide a property ownership, land use and residents map, as well as, a photo binder and location plan for northern communities;

The activities scheduled for completion during the 1976/77 fiscal year are identified in Chart B.2.

Work on map production for Overflowing River and Jenpeg were deferred due to budget restraints. Mapping for Norway House and Loon Straits will be completed early in 1977/78. Map production for Paungassi and Herb Lake will be rescheduled.

The manager of the Community Base Mapping activity is:

Dennis Elias
Department of Northern Affairs
932 - 405 Broadway Avenue
Winnipeg, Manitoba
Telephone: 944-2529

MANITOBA NORTHLANDS
COMMUNITY BASE MAPPING
PROGRESS STATUS CHART- B.2

MARCH/77

LEGEND



ACTIVITIES SCHEDULED FOR COMPLETION IN YEAR III (1976-77)
ACTIVITIES COMPLETED

COMMUNITIES	ACTIVITIES							
	SURVEYS BRANCH				NORTHERN AFFAIRS			
	AERIAL PHOTO	CADASTRAL & SHORELINE	CADASTRAL CONTOUR & PHOTOBASE	PLANIMETRIC CONTOUR SHORELINE CADASTRAL	LAND USE	PROPERTY OWNERSHIP	RESIDENTS MAP	PHOTO BINDER LOCATION MAP
BARROWS								
BERENS RIVER								
BROCKET						II		
CAMPERVILLE	II	II	II	II				
CORMORANT								
CRANE RIVER								
CROSS LAKE								
DUCK BAY								
EASTERVILLE						II		
ODD'S LAKE NARROWS						II		
ILFORD								
MALLARD								
SNOWMAN						II		
MANIGOTAGAN								
MOOSE LAKE								
NORWAY HOUSE								
RED DEER LAKE						II		
SHERRIDON								
WAGOWDEN								
CRANBERRY PORTAGE								
GRAND RAPIDS								
YORK LANDING								
SPLIT LAKE								
THICKE PORTAGE								
SHANATTAWA						II		
ANAWA BAY								
SEYMOURVILLE								
SOUTH INDIAN LAKE						II		
WATERHEN								
PIKAWITONEI						II		
LITTLE GRAND RAPIDS						II		
BLOODVEIN						II		
GRANVILLE LAKE						II		
WARRENS LANDING					II	II	II	II
PAUNGASSI					II	II	II	II
POPLAR RIVER						II		
ST THERESA PT					II	II	II	II
WAASAGOMACH						II		
OXFORD HOUSE						II		
RED SUCKER LAKE						II	II	II
BISSETT					II	II	II	II
BIG BLACK RIVER					II	II	II	II
DALLAS					II	II	II	II
MATHESON ISLAND					II	II	II	II
NELSON HOUSE					II	II	II	II
RED ROSE					II	II	II	II
SALT POINT					II	II	II	II
WANLESS								
WESTGATE					II	II	II	II
NATIONAL MILLS						II	II	II
GARDEN HILL						II	II	II
PROVINCE HARBOUR								
DAN'S BAY								
OVERFLOWING RIVER	II	II	II	II				
EASTERVILLE								
NORWAY HOUSE								
SHERRIDON								
PUKATAWAGAN								
LOON STRAITS	II	II	II	II				
HEBD LAKE	II	II	II	II				
CAMPERVILLE								
DUCK BAY								
THE BLUFF	II	II	II	II				
JENPEG	II	II	II	II				
CROSS LAKE								
RED SUCKER LAKE								
PELICAN RAPIDS	II	II	II	II				
MEADOW PORTAGE	II	II	II	II				
ATIK	II	II	II	II				
RODY LAKE	II	II	II	II				
NOTTICI	II	II	II	II				
RED DEER RIVER	II	II	II	II				
NELSON HOUSE								

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PROVINCIAL
MAPPING
PROGRAM

Activity 3: Geotechnical Land Use Studies

This activity was implemented by the Manitoba Department of Mines, Resources and Environmental Management with a staff resource of eleven persons.

During 1976/77 expenditures of \$200,775.32 were shared 60/40 between DREE and Manitoba.

Generally, the objective of this activity is to meet the needs of remote, central and northern Manitoba communities for upgrading community services which include a safe water supply, adequate waste disposal, organized town-site development and identification of construction material sources. More specifically, these are:

- 1) determining the site stratigraphy and soil conditions to provide such basic data as the physical properties of the soils, depth of bedrock, depth to water table, and on the basis of this information, evaluate trenching conditions, sewage disposal systems, foundation conditions for small residential buildings, shoreline erosion and bank stability;
- 2) determining flood levels, shoreline erosion and bank stability on adjacent bodies of water, in order to locate a development set back line;
- 3) evaluating groundwater and surface water for their potential use as long-term municipal water supplies;
- 4) locating suitable construction materials such as gravel for roads and airstrips, and concrete and clay for fill and sewage lagoon linings.

Reports prepared for each community investigated are presented in Table B.21.

Originally, the targets were that 24 communities would be investigated and reported on in 1976/77.

During 1976/77, the following output was achieved.

- 20 field investigations were made
- 22 preliminary reports were completed
- 22 final reports were completed.

The manager of the Geotechnical Land Use Studies activity is:

Ken Buhr
Department of Mines, Resources and
Environmental Management
1577 Dublin Avenue
Winnipeg, Manitoba
Telephone: 786-9314

TABLE B.21

Geotechnical Land-Use Studies

Progress Report - April 1/76 to March 31/77

<u>COMMUNITY</u>	<u>SITE INVESTIGATION COMPLETED</u>	<u>PRELIMINARY REPORT COMPLETED</u>	<u>FINAL REPORT COMPLETED</u>
Big Black River	x	x	
Bissett	x		
Bloodvein	x		
Dawson Bay	x	x	
Fisher Bay	x	x	
Garden Hill	x		
Loon Straits	x	x	
Manigotogan (feasibility)	x		
Matheson Island	x	x	
Meadow Portage	x	x	x
National Mills	x		
Oxford House	x		
Paungassi	x		
Pine Dock	x		
Poplar River	x	x	x
Princess Harbour	x	x	x
St. Theresa Point	x		
Wasagamack	x		
Westgate	x	x	x
York Landing	x	x	

REPORTS COMPLETED IN 1976-77, FROM SITE INVESTIGATIONS COMPLETED IN 1975-76

Barrows		x	x
Berens River			x
Brochet		x	x
Cranberry Portage		x	x
Crane River			x
Cross Lake			x
Easterville		x	x
Gods Lake Narrows			x
Granville Lake		x	x
Ilford		x	x
Little Grand Rapids			x
Mallard		x	
Norway House		x	
Pikwitonei			x
Red Deer Lake		x	x
Red Sucker Lake		x	x
Seymourville			x
Sherridon-Cold Lake			x
South Indian Lake			x
Warren Landing		x	x
Waterhen		x	

Activity 4: Design/Engineering for Community Facilities

This activity was implemented by the Manitoba Department of Northern Affairs with a staff resource of six persons.

During 1976/77 expenditures of \$101,621.66 were shared 60/40 between DREE and Manitoba.

The objectives of the activity are:

- a) to provide designs for the construction of water supply systems that will deliver a safe potable supply of water throughout the year, and improve waste management systems as required;
- b) to provide designs for the construction of airstrips enabling easier access to remote communities, each consisting of more than 100 persons.

Pre-engineering and design work is basically carried out in five phases as follows:

1) Advisory Phase

The community is approached as to the nature of the service which can be provided, and community preferences for location are noted.

2) Information Collection Phase

Pre-design work such as soil investigations, field surveys, site measurements and water quality testing is undertaken.

3) Design Services Phase

A preliminary design is prepared from the available information, and community meetings are initiated to discuss any differences between the engineering

considerations and community aspirations.

4) Final Plans/Resolution

Following agreement with the community, the final design specifications are drawn up and approved by the community via a resolution.

5) Construction Phase

During this phase, staff lay out the work to be performed and monitor the construction to ensure adherence to design.

During 1976/77 the following designs were produced.

Basic Water Supply

All five phases were completed in Norway House; Cross Lake; Gods Lake Narrows; Moose Lake; Barrows; and Berens River. At Duck Bay four phases were completed on the first of a two segment construction program. Work at Brochet was completed to the end of the fourth phase. Work at Nelson House was completed to the end of the fourth phase.

Feasibility studies were also completed in Easterville, Red Deer Lake, Wabowden and Seymourville.

Airstrips

- 1) Bloodvein (airstrip) - the design and contract documents completed,
- 2) Garden Hill (terminal facilities) - the design was completed for: lots for airline carriers, fuel tank and terminal area, drainage ditches, luggage handling room, loading dock, radio

room heating and ventilation, modification of terminal building rooms and heating system for the equipment garage. In addition, a study of sewer and water alternatives was completed.

- 3) Brochet (terminal facilities) - the design for airline carrier lots and location of meteorological instruments was completed.
- 4) Gods Lake Narrows (airstrip) - design of parking apron, south end access road, runway taxiway lighting and airline carrier lots were completed.
- 5) York Landing (terminal facilities) - design for strengthening of the equipment garage was completed.
- 6) Wasagamack (airstrip) - a feasibility study was completed. Further study was begun on relocation of the airstrip site at the Band Council's request.
- 7) Paungassi (airstrip) - phase one of a feasibility study was completed. The decision for a site location has yet to be made pursuant to a community meeting.

The manager of the Design/Engineering for Community Facilities activity is:

Charles Conyette
Department of Northern Affairs
59 Elizabeth Drive
Thompson, Manitoba
Telephone: 778-6001 Extension 281

Project 2 Community Infrastructure Services

Activity 1. Safe Water Supply

This activity was delivered by the provincial Department of Northern Affairs with an allocation of ten staff.

During 1976/77 expenditures of \$1,117,484.05 were shared 60/40 between DREE and Manitoba.

The activity is intended to provide remote communities with potable water utilizing rudimentary delivery systems. Systems normally consist of either intake pipes (if surface supply) or wells (if groundwater source), pumphouses (equipped with filtration and/or chlorination), heat traced distribution lines and one or more standpipe buildings.

In addition to providing systems, the department trains one or more community representative in the operation and maintenance of the water delivery system. This includes involving the representative(s) in the construction phase and provision of a maintenance training course of up to one week duration in Thompson. Upon completion of the construction phase, the department assists the community in assessing the operating costs and maintaining the system for a period of six months before the system is turned over to the community.

During 1976/77 the following activities took place:

1) Cormorant

Construction began in September of 1975 and was completed in June of 1976. The system consisted of two wells, two pumphouses and distribution lines to one standpipe at a cost of \$26,403. Departmental

force provided contracting services, and fifteen residents received employment for varying lengths of time over the period. At the end of the fiscal year, the system was being turned over to the community.

2) Ilford

Construction began in October of 1976 and was completed in November, 1976. The system consisted of one well, one pumphouse, distribution lines and one standpipe at a cost of \$31,350. Departmental forces provided contracting services and 13 residents received employment for varying lengths of time over the period. As of the end of the fiscal year, the system was being turned over to the community.

3) Pikwitonei

Construction began in October of 1975 and was completed in January of 1976. The system consisted of one intake, one pumphouse, distribution lines and two standpipes at a cost of \$57,977. Mac's Rental was the contractor and seven residents received employment for varying lengths of time over the period. As of the end of the fiscal year, the system was being turned over to the community.

4) Sherridon (Cold Lake)

Construction began in October of 1975 and was completed in June of 1976. The system consisted of two intakes, two pumphouses, distribution lines and two standpipes at a cost of \$23,786. D. Dufour Construction was the contractor, and fifteen residents received employment for varying lengths of time over the period. As of the end of the fiscal year, the system was being turned over to the community.

5) Thicket Portage

Construction began in August of 1975 and was completed in April of 1976. The system consisted of one intake, one pumphouse, distribution lines and one standpipe at a cost of \$110,295. D. Dufour Construction was the contractor, and eleven residents received employment for varying lengths of time over the period. As of the end of the fiscal year, the system was being turned over to the community.

6) Barrows

Construction began in November of 1975. It was completed in March of 1977 and consisted of one well, one pumphouse, distribution lines and one standpipe at a cost of \$65,693. Departmental forces provided contracting services, and twelve residents received employment for varying lengths of time over the period. As of the end of the fiscal year, the system had begun the six months maintenance period.

7) Berens River

Construction involving expenditures of \$67,532, began in November of 1976 and was still under way at the end of the fiscal year, approximately 60 percent complete. The system will consist of one intake, one pumphouse, distribution lines and one standpipe. Departmental forces provided contracting services, and thirteen residents received employment for varying lengths of time over the period.

8) Cross Lake

Construction began in August of 1976 and was completed in September of 1976. The system consists of one intake, one pumphouse and distribution lines to one standpipe, at a cost of \$78,912. Departmental forces provided contracting services, and fourteen residents

received employment for varying lengths of time over the period. At the end of the fiscal year, the system was being turned over to the community.

9) Duck Bay

During 1976/77, pipe was delivered on site for a system which will eventually include one intake, one pumphouse and distribution lines to one standpipe. Expenditures were \$19,032.

10) Gods Lake

Construction began in June of 1976. It was completed in September of 1976 at a cost of \$61,486 and consisted of one intake, one pumphouse and distribution lines to one standpipe. Departmental forces provided contracting services, and twelve residents received employment for varying lengths of time over the period. At the end of the fiscal year, the system was being turned over to the community.

11) Moose Lake

Construction began in September of 1976 and was completed in October of 1976, consisting of one well and one pumphouse at a cost of \$49,239. Departmental forces provided contracting services, and seven residents received employment for varying lengths of time over the period. At the end of the fiscal year, the system was being turned over to the community.

12) Norway House

Construction began in September of 1976 and was completed in October of 1976. The system consisted of one intake, one pumphouse and distribution lines to one standpipe at a cost of \$92,055. Roman Equipment provided contracting services, and thirteen residents received employment for varying lengths of time over the period. At the end of the fiscal year, the system was being turned over to the community.

13) Nelson House

Prior to the end of the fiscal year, materials were delivered on site for a system which will consist of one intake, one pumphouse and distribution lines to one standpipe. Contracting services will be provided by D. Dufour Construction. Expenditures were \$9,131.

The difference between the total cost (\$1,117,484.05) and the total expenditures on community works (\$692,891.00) is primarily attributable to stock purchases for the subsequent year's program, salary costs of temporary staff hired to work on the sites, and an allowance of 10 percent for administration, survey, design, engineering and construction supervision costs.

The manager of the Safe Water Supply activity is:

Dave Selby
Department of Northern Affairs
59 Elizabeth Drive
Thompson, Manitoba
Telephone: 778-6001, Extension 260

Activity 2 Sanitation Services

The Cranberry Portage Sewer and Water activity was implemented by the Manitoba Department of Agriculture, Manitoba Water Services Board. This capital project was initiated originally under The Pas Special Area Agreement, but was transferred to the Manitoba Northlands Interim Agreement. Since the activity was not completed before March 31, 1976, expiry date of the Interim Agreement, the work is being completed under the long term Manitoba Northlands Agreement.

During 1976/77 expenditures of \$33,336.12 were shared 60/40 between DREE and Manitoba.

Work included installation of:

- a) water treatment and distribution systems;
- b) sewage collection and treatment systems; and
- c) modification to existing supply works.

The manager of the Sanitation Services activity is:

Bob Stokes
Department of Agriculture
1445 Pembina Highway
Winnipeg, Manitoba
Telephone: 475-2700.

Activity 3 Community Roads

This activity is aimed at aiding in the installation of basic internal community access systems such as roads, causeways and bridges, and any necessary approaches.

During 1976/77, the activity consisted on one component which was administered through the provincial Special Northern (Native) Employment Program. The following results were achieved:

Cormorant Bridge and Causeway

Fifty-four man-months of employment consisting of four skilled and twelve unskilled jobs were generated in the construction of a bridge and causeway linking Cormorant North and Cormorant South. Wages and benefits comprised 64 percent of the total cost while construction materials accounted for the remaining 36 percent.

During 1976/77, expenditures of \$92,202.00 were shared 60/40 between DREE and Manitoba.

The manager of the Community Roads activity is:

Lucille Roch
Provincial Job Office
165 Garry Street
Winnipeg, Manitoba
Telephone: 944-2292

Activity 4 Fire Protection/Prevention

This activity was implemented jointly by the Manitoba Department of Northern Affairs and the Manitoba Department of Labour - Fire Commissioner's Office, with a staff complement of three persons.

During 1976/77 expenditures of \$219,248.28 were shared 60/40 between DREE and Manitoba.

The activity is intended to provide northern remote communities with basic protective fire fighting equipment and fire prevention knowledge.

The program has six components: inspections, regional workshops, community workshops, fire training workshops, surveys and the provision of fire-fighting equipment.

More specifically, these components are as follows:

- 1) Inspections consist of dwelling inspections and reinspections to identify potential fire hazards for residents, so that the hazards can be removed.
- 2) Regional Workshops are designed to bring together a number of community representatives within a region for the purpose of teaching the use of maintenance of extinguishers, pumps, etc., so that the information can be taken back to the home community.
- 3) Community Workshops bring together a number of local residents for the purpose of teaching them basic fire prevention/protection measures. The workshops involve lectures, demonstrations, etc.

- 4) Fire Training Workshops involve practical work experience utilizing portable pumps, etc. Training is provided in the proper use of nozzles, hoses, self-contained breathing apparatus and general methods of fire suppression and first aid.

- 5) Surveys are used to determine the fire prevention and fire fighting needs of the community. They include the number of dwellings and other buildings, populations, available water supply, usable roads for the use of fire apparatus and recommendations for the appropriate fire-fighting equipment.

- 6) Capital Equipment is purchased and then provided to communities by the Department of Northern Affairs after the need has been assessed and recommended.

During 1976/77, the following output was achieved:

Table B.22
Fire Protection/Prevention, 1976/77

	<u>Number</u>	<u>Attendance</u>
Regional Workshops	5	119
Community Workshops	24	2,382
Fire-Training Workshops	6	74
Surveys	27	
Inspections (Dwellings)	387	
Reinspections (Dwellings)	219	
Refusals or Residents Absent	155	

Further detail is provided in Tables B.23 and B.24.

The manager of the Fire Protection/Prevention activity is:

Inez Miller
Department of Northern Affairs
Box 2520
The Pas, Manitoba
Telephone: 623-6376/80.

Table B.23

Communities Involved in Regional Workshops

Community	Representatives Regional Workshops	Surveys	Inspections	Reinspections
Bissett	4	x	26	
Seymourville	5	x	13	
Thicket Portage	2	x	33	
Little Grand Rapids		x	3	
Manigotogan	4	x		
Berens River	3			
Princess Harbour	4		7	
Loon Straits	1	x	6	
Harwill	2	x	6	6
Fisher Bay	6	x		
Matheson Island	4	x		
Anama Bay	2	x	3	
Dallas-Red Rose	5			13
Pine Dock	2		2	
Mallard	2			
Salt Point	2	x		8
Crane River	4			
Duck Bay	2	x		63
Waterhen	2			
Meadow Portage	4			
Camperville	2	x	7	76
Powell	4			
Homebrook	4		3	
Westgate	2			7
Red Deer Lake	2			
Easterville	4	x		18
National Mills	2			
Barrows	2	x		
Pelican Rapids	5	x		15
Moose Lake	4	x	32	
Big Black River		x	6	
Warren Landing		x		
Wabowden		x	64	
Ilford	2	x	25	13
Brochet	2			
Pikwitonei	4			
Cormorant	4			
Norway House	6	x	55	
Sherridon-Cold Lake	2	x		
Nelson House	2		7	
Baden	2		4	
South Indian Lake		x	55	
Gods Lake Narrows		x		
Cross Lake	2	x	30	
Island Lake	1	x		
Aghaming	1			
Peonan Point	2			
		27	387	219

Table B. 24

Fire Protection/Prevention Capital Purchases, 1976/77

COMMUNITY	PORTABLE PUMP WITH ACCESSORIES	20 LB. EXTINGUISHERS	10 LB. EXTINGUISHERS	50 LB. PAILS POWDER	20 LB. CARTRIDGES	10 LB. CARTRIDGES	FIRE FIGHTING TRAILER UNIT
Big Black River	1						
Berens River	1						
Matheson Island	1	6	30	3	2	5	
Easterville	1						
Harwill			8	1		3	
Seymourville	1	6		2	2	6	
Wabowden	1						
Fisher Bay	1						
Pine Dock	1						
Princess Harbour	1						
Sherridon/Cold Lake	1						
Loon Straits	1						
Cormorant	1						
Camperville			150	7		20	
Norway House	2		109	3		12	1
Meadow Portage							1
Duck Bay		4	93	5	1	13	1
Pelican Rapids			43	2		5	1
Mallard							1
Ilford		4	39	2	2	10	
Barrows (and area)							1
Moose Lake							1
Bissett							1
Homebrook		2	14	2	2	3	
Waterhen			2	1		1	
Crane River			68	3		10	
National Mills			1	1			
Pikwitonei		2	48	2	1	5	

Activity 5 Other Multipurpose Facilities

This activity was implemented under the general supervision of the Department of Northern Affairs and the Special Northern (Native) Employment Program (SN(N)EP).

During 1976/77 expenditures of \$46,242.88 were shared 60/40 between DREE and Manitoba.

The activity is intended to assist remote communities with the provision of multipurpose facilities (generally community buildings) on a cost-sharing basis between SN(N)EP and a community. During 1976/77, there were three projects which included:

Anama Bay

The community center was completed at a provincial cost of \$3,760 which involved six man-months of employment. Wages and benefits comprised 83 per cent of expenditures with materials making up the remaining 17 percent.

Lac Brochet

The arts and crafts building was completed at a provincial cost of \$10,038.50 including a \$1,000.00 hold back. Eighteen man-months of employment resulted with eight local people providing the labour required. Wages and benefits amounted to 43 per cent of expenditures with materials making up the remaining 57 per cent.

The Pas Detoxification Center

This capital project, implemented by the Ministry of Corrective and Rehabilitative Services, was initiated originally under the Manitoba Northlands Interim Agreement. Work was not completed prior to the March 31, 1976 expiry date of the Interim Agreement. Hence, the work is being completed under the long-term Manitoba Northlands Agreement.

The manager of the Other Multipurpose Facilities
activity is:

Lucille Roch
Provincial Job Office
165 Garry Street
Winnipeg, Manitoba
Telephone: 944-2292

The manager of The Pas Detoxification Center
Project is:

Bob Howe
St. Anthony's Detoxification and
Rehabilitation Center
219 Cook Avenue
The Pas, Manitoba
Telephone: 623-4625

Program 5 Indian Reserve Community Services

During the first year, the Department of Indian Affairs and Northern Development (DIAND) undertook to develop a method of determining the need and level of service required. Priority for delivery of services over the next four years will be based on the results of the data obtained from this method and from community-originated requests supported by Band Council Resolutions or developed as part of a community comprehensive planning process.

Project 1 Community Infrastructure Support Services

The objective of this project is to provide northern Indian communities with the resources to undertake their own comprehensive community planning.

During 1976-77, DIAND expenditures were \$137,980.00 with DREE bearing 60 per cent of the costs and DIAND 40 per cent.

There were two activities in this project - Community Planning and Community Base Mapping.

Activity 1 Community Planning

Community Planning is a process which examines community desires, human and natural resources, government policy and regulations and regional relationships in order to identify the desirability, the capability, the possibility and the potential for development. The process is never complete; however, at specific points in time the process is documented in a community plan. A community plan consists of a report and a graphic representation of existing conditions and conditions as projected in the future.

After the plan is produced, the continuing process will result in modifications of the plan throughout time. However, the plan acts as a tool in providing direction for decision-making.

The Northlands Community Planning Program is designed to provide resources upon request to all Indian communities traditionally served by the DIAND which are located within the area served by the Manitoba Department of Northern Affairs.

The communities which undertook community planning in 1976-77 are listed in Table B.25.

TABLE B.25

Indian Reserve Community Planning Program, 1976/77

Community	Type of Planning	Contractor	Expenditure \$	Output
Peguis	Comprehensive	Ikoy Partnership (Stan Osaka)	9,189	Report describing resource potential and proposed townsite development
Garden Hill	Comprehensive	Hilderman, Feir, Witty & Associates (Gary Hilderman)	5,375	Conceptual plan and report to be completed in 1977-78
Grand Rapids	Comprehensive	Damas & Smith Ltd. (Bill Kennedy)	5,000	Conceptual plan and report of the Reserve to be completed in 1977-78
Gods Lake	Comprehensive	Number Ten Architectural Group (Robert Kirby)	13,462	Conceptual Plan of the Reserve
Oxford House	Comprehensive	Lombard North Group (Onno Kremers)	11,658	Conceptual plan and report of the Reserve to be completed in 1977-78
The Pas	Comprehensive	Number Ten Architectural Group (Robert Kirby)	20,000	Conceptual plan of the Reserve to be completed in 1977-78
Red Sucker Lake	Comprehensive	Lombard North Group (Onno Kremers)	2,408	Conceptual plan of the Reserve to be completed in 1977-78

TABLE B.25 (Concl'd)

Indian Reserve Community Planning Program, 1976/77

Community	Type of Planning	Contractor	Expenditure	Output
Pukatawagan	Comprehensive	Agassiz (Jim Wilson)	44,000	Report describing methodology, approach and direction; conceptual plan of Prayer River and Pukatawagan
Cross Lake	Area Specific	Agassiz (Jim Wilson)	4,750	Report describing the proposed town centre
Waterhen	Area Specific	Hilderman, Feir, Witty & Associates (Gary Hilderman)	4,000	Report and map to be completed in 1977-78. Will describe a proposed recreation development
Moose Lake	Area Specific	Hilderman, Feir, Witty, & Associates (Gary Hilderman)	2,500	Report and maps indicating proposed new subdivision
Hollow Water	Resource Study	Lombard North Group (Onno Kremers)	3,000	Biophysical mapping of the Reserve and a report describing the resource potential

Activity 2 Community Base Mapping

Community base mapping involves the production of comprehensive community base maps showing topographic and other physical and cultural information. The maps will meet the needs of the community as well as the needs of planners, engineers, and other people assisting the surveyor and the land administrator with the development of the community. The program will also provide, where necessary, the production of maps based on air photo interpretation showing land capability and suitability for development and resource utilization.

Work undertaken in 1976-77 is listed in Table B.26.

TABLE B.26
Indian Reserve Community Base Mapping Program, 1976/77

Type of Work	Community	Contractor	Expenditure \$
Air Photos:	Peguis & Fisher River Reserves	Province of Manitoba	3,838
Mapping:	Mapping Feasibility Studies	Cartographics	1,500
	<u>Hollow Water</u> (1:10,000 photo mosaic of the Reserve) (1:2,000 topographic maps of community only)	Cartographics	2,000
	<u>Grand Rapids</u> (1:10,000 photo mosaic of the Reserve) (1:2,000 topographic maps of Community only)	Cartographics	3,000
	<u>Pukatawagan</u> (1:10,000 photo mosaic of the Reserve) (1:2,000 topographic maps of community only)	Cartographics	2,300

Project 2 Community Infrastructure Support Services

The objective of the Community Infrastructure Support Service is to provide the support services necessary to help northern Indian communities to plan and to implement community infrastructure projects. The project relates to the development of engineering and architecture concepts and designs as well as the compilation of standard designs for equipment and facilities. There was no work undertaken in this project by DIAND in 1976-77. Therefore, no expenditures are reported.

Project 3 Community Infrastructure Services/Safe Water Supplies

The objective of this project is to provide one or more sources of potable water with rudimentary delivery systems to northern Indian communities.

During 1976-77, DIAND expenditures were \$564,738.00 cost-shared DREE 60 per cent and DIAND, 40 per cent.

Activities included the design and construction of potable water systems such as water intakes, wells, pumphouses and treatment systems, distribution systems (standpipes or truck delivery) and other features related to the supply of safe water. DIAND, in consultation with the Medical Services of the Department of National Health and Welfare, developed a method for establishing priorities on the basis of an identified need of a safe water supply. The results of these activities are found in Table B.27.

TABLE B. 27

Indian Reserve Safe Water Supplies Program, 1976/77

Community	Description of Project	Contractor	1976-77 Expenditure \$
Berens River	This project consisted of: The Cost of 7 wells Labour Galvanized cribbings well pumps Miscellaneous	The Band acted as the contractor	4,380
Cross Lake	Owing to the low water levels of the Nelson River, Water pumphouses and delivery trucks, which will be integrated into a permanent system, were supplied to the community on an emergency basis	DIAND managed the contract and the Band was employed on a day labour basis	118,174
Brochet	The project consisted of the in- stallation of a pumphouse	Bison Construction Ltd.	37,149
Nelson House	This program included road repairs, purchase of two water delivery trucks, construction of a garage and locating a water distribution point	Jax Mechanical Services Ltd., Thompson, constru- ted the water line only. DIAND managed the contract	97,610

TABLE B.27 (Concl'd)

Indian Reserve Safe Water Supplies Program, 1976/77

Community	Description of Project	Contractor	1976-77 Expenditure \$
Split Lake	<p>The supervision and modification of the Split Lake Water System Phase II included:</p> <p>Replacing the remainder of the water system and water treatment plant, and</p> <p>Reconnecting all existing community watering points.</p>	<p>Underwood & McLellan Associates Ltd. managed the project and the Band was employed on a day labour basis.</p>	255,637
Wasagamack	<p>Activities included the extension of four existing water distribution systems by means of standpipes located at appropriate locations and associated bleeder lines.</p>	<p>Underwood & McLellan Associates Ltd. managed the project.</p>	51,788

Project 4 Community Infrastructure Services/Waste Disposal Facilities

The objective of this project is to develop and provide facilities for the disposal of wastes in northern Indian communities. During 1976-77, DIAND expenditures were \$5,248 cost-shared 60/40 between DREE and DIAND.

Activities included the design and construction of waste disposal facilities such as lagoons, sewage collection and treatment systems, incinerators, landfill sites, etc.

The work program for 1976-77 was limited to the upgrading of the Norway House Sewage Treatment Plant. This involved:

- a) The installation of a comminutor at the inlet to the sewage treatment plant to grind solids coming through the line, and
- b) The provision of sewage return pumps in the clarifier chamber and modification of the clarifier chamber.

The system services the local school, Band administration building, and other commercial institutional and private dwellings associated with a part of the settlement at Rossville (see Table B.28).

TABLE B.28

Indian Reserve Community Waste Disposal Facilities Program, 1976/77

Community	Description of Project	Contractor	1976-77 Expenditure \$
Norway House	Activities included the modification of the existing sewage plant at Rossville, installing a new comminutor in a special inlet box with an automatic overflow bypass and bypass gate. To be completed in 1977-78.	For materials: Northart Eng. Sales Ltd. and Bubbs Electric, Winnipeg. DIAND managed the project and the Band was employed on a day labour basis.	5,248

Project 5: Community Infrastructure Services/
Fire Protection/Prevention

The objective of this project is to work toward providing fire protection equipment and fire safety training programs to northern Indian communities. During 1976-77, DIAND expenditures were \$70,090, cost-shared 60/40 between DREE and DIAND, respectively.

The Northlands Fire Prevention/Protection Program may be delivered to all Indian communities traditionally served by DIAND and within the area of jurisdiction of the Provincial Department of Northern Affairs. The program will be developed for these Reserves based on the priority of need concept. The criteria for determining the priority included:

- Inventory of existing fire protection equipment;
- Number of fires and fire hazards reported over the past five years;
- Number of fire deaths over the past five years;
- Number of fire burn cases treated by Health and Welfare Medical Services.

The program will consist of the following:

1. An inventory of:
 - existing fire protection equipment; and
 - identifiable fire hazards.
2. A Fire Awareness Program:
 - for children (in the school) and adult Band members;
 - in-home inspections by trained Band members; and
 - fire prevention week.

3. Equipment purchases:
 - First aid fire fighting equipment (e.g. fire extinguishers);
 - Mobile equipment (e.g. fire trucks, trailers and pumpers, portable pumps);
 - Other (e.g. smoke detectors).
4. Training:
 - on the use of equipment; and
 - fire awareness and fire hazard inspections.

Activity during 1976-77 was confined to organizing the delivery of the program activities including: the stockpiling of equipment; the hiring of a Fire Prevention Officer (Max Bee from Gods Lake); conducting initial visits with the Chief and Council; and the listing of fire hazards and equipment in the following communities:

Brochet; Cross Lake; Gods Lake; Gods River;
Nelson House; Pukatawagan; Shamattawa; Split Lake;
York Landing.

In addition, fire prevention awareness seminars were held in Hollow Water and Grand Rapids. Twenty-two people attended the seminar in Hollow Water and 35 attended the seminar in Grand Rapids.

The program costs incurred in 1976-77 are listed in Table B.29.

TABLE B. 29

Indian Reserve Community Fire Protection/Prevention, 1976/77

	Description	Expenditure \$
Equipment	Portable extinguishers and mobile equipment; detection equipment	62,546
Inventory	Term Staff - salaries and expenses	5,055
Awareness	Term Staff - salaries and expenses	<u>2,489</u>
		<u>70,090</u>

Project 6 Community Infrastructure Services/
Internal Transportation Services

The objective of this project is to provide internal transportation facilities in northern Indian communities to facilitate better movement of people and goods and to improve general public services. During 1976-77, DIAND expenditures were \$375,751, cost-shared 60/40 between DREE and DIAND.

Activities included the design and construction of internal transportation works such as new roads, upgrading existing roads, bridges, causeways, docks and footbridges.

While there is an urgent need to complete a detailed assessment of internal transportation needs in northern communities and to set priorities for action, some upgrading and new construction, which is logically part of the long term strategy, was undertaken during the first year of the Agreement. Details as to location, miles of roads built, major structures constructed and total cost are shown in Table B.30.

TABLE B.30:

Indian Reserve Community Internal Transportation, 1976/77

Community	Description of Project	Contractor	Expenditure \$
Garden Hill	Thirty-six acres of brush were cleared so that the Hydro line could be extended and a road completed in the future. The clearing cost \$1,100/acre.	The Band acted as the contractor	39,600
Gods Lake	The Band undertook road up-grading in both communities of Gods Lake and Gods River	The Band acted as the contractor	6,000
Hollow Water	This was the construction of a new road to relocate a section of the main road out of the school grounds area. The project consisted of loading, crushing gravel and construction of the road	Contracted through Province of Manitoba who sub-contracted to Harrison Bros. Construction Ltd. Armco Canada Ltd. Minister of Finance Dept. of Highways	11,324
Lake St. Martin	Major road construction included rebuilding 2½ miles of road, brushing, drainage, fencing, equipment rental, and culvert	The Band acted as the contractor	25,000

TABLE B.30 (Cont'd)

Indian Reserve Community Internal Transportation, 1976/77

Community	Description of Project	Contractor	Expenditure \$
Little Grand Rapids	Major road repairs undertaken were as follows: raising the roadway; relocating the roadway to follow the Hydro line; and replacing corduroy walkways.	The Band acted as the contractor	25,000
Little Saskatchewan	The contractor reconstructed and gravelled the low lying areas on the road.	David Orbanski	10,000
Nelson House	Upgrading the existing road included the rental of equipment for road construction.	Smook Bros. Ltd. The Band was employed on a day labour basis.	30,574
Peguis	The seven miles of road, damaged by flood were repaired and gravelled. There was an allocation of \$50,000 for rebuilding the roads in the townsite and general landscaping for draining from roadways, etc. of the townsite area.	Evergreen Construction Co. Ltd.	84,560
Poplar River	Expenses for the construction of eight footbridges included wages, boat rentals and materials.	The Band acted as the contractor	8,363

TABLE B.30 (Concl'd)

Indian Reserve Community Internal Transportation, 1976/77

Community	Description of Project	Contractor	Expenditure \$
Red Sucker Lake	The project included brush clearing, road construction, grading, sloping, picking rocks, blasting, culverts, gravelling, contingencies and freight charges	The contract was administered by the Band	30,000
Shoal River	Traffic control, removal of existing timber, piling, treating timber, excavating, backfilling and grading were necessary for the repair and upgrading of the Birch River Bridge	Peter Boorberg Enterprises Ltd.	40,930.

Project 7 Community Infrastructure Services/
Multipurpose Facilities

The objective of this project is to work toward the provision of multipurpose facilities in northern Indian communities. This includes the design and construction of a variety of multipurpose facilities such as halls, recreation facilities, workshops, warehouses and compounds, etc. No work was undertaken in 1976-77 and no expenditures reported.

For information on the Indian Reserve Community Services Program contact.

Mr. John Yachucha
Northlands Officer
Department of Indian Affairs and Northern Development
1100 - 275 Portage Avenue
Winnipeg, Manitoba
R3B 3A3
Telephone: 985-5989

SECTOR C

TRANSPORTATION AND COMMUNICATION

The Agreement states:

"The purpose of programs in this sector is to finance projects designed to provide more reliable and reasonable access to most northern communities for the transportation of people, goods and services, and to provide telecommunications infrastructure to increase the participation of people in community, provincial and national affairs."

Program 1 Surface Transportation

This program works toward providing year-round surface access to remote northern Manitoba communities where those routes form a practical extension of the existing road network and facilitate the movement of people, goods, and services on both a community and regional basis. Road construction projects under this program were cost-shared 60/40 federal/provincial, with the federal share borne equally by DREE and Transport Canada. Where water crossing facilities were required, costs were shared 60/40 between DREE and the Province. Progress statements on the four projects implemented under this program follow.

Project 1. Thompson - Split Lake

This project was implemented by both the Manitoba Department of Highways and the Manitoba Department of Renewable Resources and Transportation Services. The Department of Highways was responsible for construction of the road link between Thompson and Split Lake. The Department of Renewable Resources and Transportation Services was responsible for constructing a marine vessel, which will provide access between a navigable point on the Odei River and Split Lake, while road construction proceeds.

During 1976/77 total expenditures were \$2,677,847.52 of which \$495,929.93 was shared 60/40 between DREE and Manitoba and \$2,181,917.59 was shared 30/30/40 between DREE /Transport Canada/Manitoba.

Thompson - Split Lake Road

The subgrade contracts to Minago Contractors and Fenwick Construction for miles 0-40 (from Provincial Road 391) were completed as was the subsequent placing of traffic gravel. The subgrade contract to Fenwick Construction for an additional 5.6 miles to a navigable point on the Odei River was also completed. An additional contract of 25 miles to mile 71 had subgrade construction completed in early winter of 1977. Stockpiling of traffic gravel was also completed. It is anticipated that this latter contract will be consolidated and initially gravelled by mid-August 1977. See Table C.1 for employment associated with the construction of this road. All road work was constructed to Highways Design Standard #9 (see Table C.2). As of the end of the fiscal year, approximately 70 per cent of the whole link between Provincial Road 391 and Split Lake was completed. Final completion date is anticipated to be the fall of 1978.

TABLE C.1

Employment* Associated With The Thompson-Split Lake Road

<u>Contractor</u>	<u>Total Employed</u>	<u>Northerners Employed</u>	<u>Northerners Skilled/Unskilled</u>
Fenwick Construction	9	2	2/0
Erickson Construction	77	17	14/3
Smook Brothers (Gravel)	31	28	25/3

Note: * Employment figures are average when contractor was at peak production.

The manager of the road component of Thompson - Split Lake project is:

Clayton Jackson
Department of Highways
1075 Portage Avenue
Winnipeg, Manitoba
Telephone: 946-7853.

Odei River - Split Lake Ferry Barge

A contract was let with Riverton Boatworks to construct a ferry barge with a 90 ton carrying capacity capable of transporting 16 cars or two high loads with a GVW of 94,000 lb. The ferry barge is capable of attaining six to eight knots and has the following ancillary facilities: pilot house, passenger deckhouse and crew's quarters. During 1976/77 approximately 40 per cent of the work was carried out except for landing sites. The marine vessel went into service during the summer of 1977.

The manager of the ferry-barge component of the Thompson - Split Lake project is:

Ross McKenzie
Department of Renewable Resources
and Transportation Services
Hangar T 127 - 1700 Portage Avenue
Winnipeg, Manitoba
Telephone: 889-7268.

Project 2 Easterville Road

This activity was implemented by the provincial Department of Highways. The contracts for subgrade work were let with Minago Contractors, and gravel work was let to Marvel Construction.

During 1976/77 an expenditure of \$2,083,441.98 was shared between DREE, Transport Canada and Manitoba.

During 1976/77 the subgrade work for the total mileage (64 miles) was completed with the exception of final trimming. Gravel was crushed and stockpiled for summer consolidation. The road was constructed for conform to Highway Design Standard #9 (see Table C.2) and, with the exception of the application of gravel and summer consolidation, was virtually completed. It is anticipated that gravel application and summer consolidation will be completed by mid-November, 1977.

It is estimated that during construction, Minago Constructors operated with an average of 44 employees at peak production. Of the 44, 31 were northerners and were filling 26 skilled and five unskilled positions. Marvel Construction is estimated to have employed 12 persons in the gravel crushing and stock-piling contract with four skilled positions filled by northerners.

The manager of the Easterville Road project is:

Clayton Jackson
Department of Highways
1075 Portage Avenue
Winnipeg, Manitoba
Telephone: 946-7853

TABLE C.2

Provincial Boards Design Standards

Department of Highways				
Highways Design Standard			9	
Estimated 20-Year AADT			under 100	
Number of Lanes		TWO-LANE		
Terrain		Flat	Other	
Design Speed - mph		50	50	
Curvature - maximum degree		6	9	
Gradient - maximum percent		5	8	
Stopping Sight Distance - feet		475	350	
Passing Sight Distance - feet (1)		2,000	1,700	
Surface Type		GRAVEL		
Lane Width - feet		N.A.	N.A.	
Shoulder Width - feet		N.A.	N.A.	
Roadbed Width - feet		24	24	
Right of Way - feet		130	130	
Structures	Clear Width - feet	under 99' long	24	24
		over 99' long	24	24
	Loading		H 20 - S 16 - 44	
	Vertical Clearance		16 feet	

NOTE: In general, these standards are a minimum, to be improved when feasible, but to be lowered when heavy economic penalty results.

(1) Passing sight distance should be available on a minimum of 20 percent of any one mile, and a minimum of 50 percent in any ten miles.

Project 3 Jenpeg/Cross Lake/Norway House

This activity was implemented by the provincial Department of Renewable Resources and Transportation Services. A total of 52.4 miles of road were put under contract. The Jenpeg to Seariver Falls portion with access to Whiskeyjack Point (34 miles), was awarded to G. Fenwick Ltd., the Seariver Falls to Norway House portion with access to gravel near Paimusk Creek (29.0) miles) was awarded to M. W. Orbanski Contractors. See Table C.3 for employment associated with the construction of this road.

During 1976/77 an expenditure of \$568,908.71 was shared 60/40 between DREE and Manitoba; \$2,945,275.20 was shared between DREE, Transport Canada, and Manitoba.

Construction was designed to conform to a Class 9 Highway Standard (see Table C.2)

During 1976/77 approximately 75 per cent of the Jenpeg-Seariver Falls portion was completed and approximately 50 per cent of the Seariver Falls-Norway House portion was completed.

A contract was let to Purvis Navcon for the Cross Lake ferry barge. Approximately 60 per cent of the work on the vessel was completed during 1976/77. No progress was made on the landing sites. A further contract was let to Riverton Boatworks for construction of a cable ferry to cross the Nelson River near Seariver Falls. Approximately 10 per cent of this work was completed during 1976/77.

TABLE C.3

Employment Associated with the Jenpeg/Cross Lake/Norway House Road

<u>Contractor</u>	<u>Total Man-Months Employment</u>	<u>Northerners Man-Months Employment</u>	<u>Northerners Man-Months Skilled/ Unskilled</u>
M. Orbanski Construction	233	80	56/24
G. Fenwick Construction	123	37	26/11\

The manager of the Jenpeg/Cross Lake/Norway House project is:

Ross McKenzie
Department of Renewable Resources
and Transportation Services
1700 Portage Avenue
Hangar T 127
Winnipeg, Manitoba
Telephone: 889-7268

Project 4 Pre-Engineering and Design

Activity 1 Cross Lake/Oxford House/Gods Lake Narrows/
Island Lake/Red Sucker Lake

This activity was implemented by the provincial Department of Northern Affairs. It consisted of realigning the winter road over land so that the final alignment would be more reliable.

During 1976/77 expenditures of \$218,158.65 were shared 30/30/40 among Transport Canada/DREE/Manitoba.

Work was undertaken by departmental forces, utilizing labour from the region. The Oxford Lake bypass work consisted of clearing and grubbing a 35 mile portion to a sixty foot width and a 15 mile portion to a 40 foot width. At the end of the fiscal year, the road was 75 per cent completed. Widening of the 15 mile portion to a 60 foot width will take place during 1977/78. In addition, some temporary structures and rock cuts will be required. On the Red Sucker Arm, work consisted of clearing and grubbing 70.5 miles to a 40 foot width. Approximately 80 per cent of the total work to be performed was completed. Drilling and blasting of boulders and placing of temporary structures will be required to complete the work. It is anticipated that this activity will be completed during 1977/78.

The work was performed on an equipment rental basis. Exclusive of the owner/operator utilizing equipment on the Red Sucker Arm, Approximately 66 persons received employment for varying periods of time. All were northerners, and the jobs were evenly broken out between skilled and non-skilled.

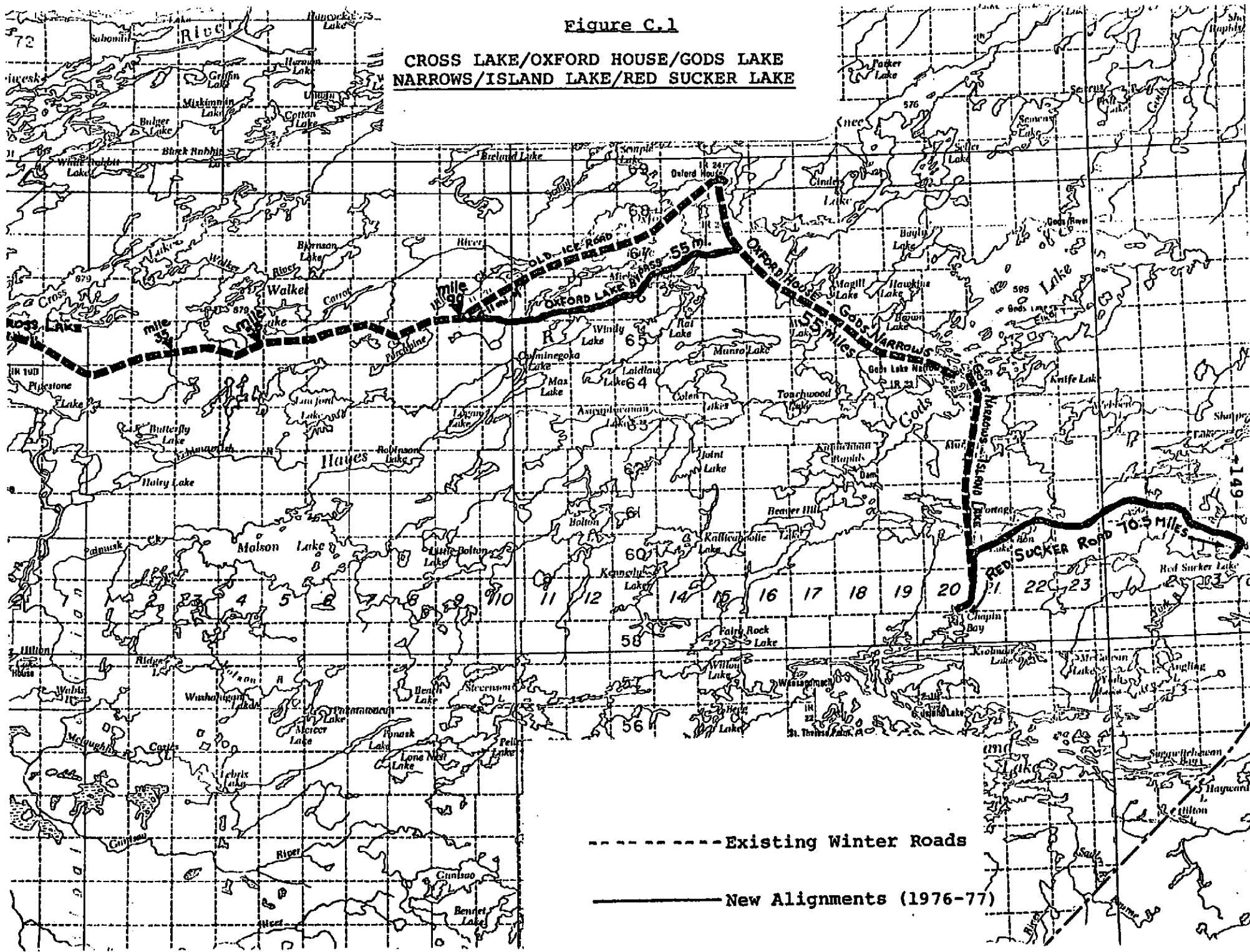
The alignments worked upon are indicated on the following map.

The manager of this activity is:

Daun Lowther
Department of Northern Affairs
Provincial Building
59 Elizabeth Road
Thompson, Manitoba
Telephone: 778-6001, Extension 269

Figure C.1

CROSS LAKE/OXFORD HOUSE/GODS LAKE
NARROWS/ISLAND LAKE/RED SUCKER LAKE



Program 2 Remote Airstrip Improvement

The objective of this program is to construct or up-grade, year-round reliable airstrips in remote communities of northern Manitoba which do not possess alternate or adequate transportation facilities. The program includes:

- (a) the construction or up-grading, where feasible, of airstrips to a Class D standard;
- (b) the provision of necessary capital equipment to maintain these and other existing facilities; and
- (c) the installation of basic air navigational equipment to improve reliability of use.

Costs of this program are shared by DREE and the Province, 60/40. The three program components listed above are organized into one project, Airstrip Development and Up-grading.

Project 1 Airstrip Development and Up-grading

This activity was implemented by the Manitoba Department of Northern Affairs.

During 1976/77 expenditures of \$1,250,898.33 were shared 60/40 between DREE and Manitoba.

The activity aims at developing a system of remotely located air transportation facilities which will provide reliable airstrips in those communities which do not possess alternate and/or adequate transportation facilities.

During 1976/77 work was planned in the following communities: Berens River, Bloodvein, Brochet, Cross Lake, Garden Hill, Gods Lake Narrows, Little Grand Rapids, Moose Lake, Pukatawagan, Red Sucker Lake, Shamattawa, South Indian Lake, St. Theresa Point and York Landing.

Berens River

Work undertaken in 1976/77 included stockpiling of traffic gravel. This work was 20 per cent completed during the fiscal year.

Bloodvein

Work undertaken in 1976/77 included hauling of 5,000 cubic yards of gravel (20 per cent complete), clearing of sixty acres (completed) and associated grubbing (50 per cent complete).

Brochet

Work undertaken in 1976/77 included placing a concrete floor in the equipment shed area.

Cross Lake

Work undertaken in 1976/77 included: building of the equipment shed (95 per cent complete), placement of runway lights (complete), placement of a non-directional beacon (complete) and construction of a security fence (complete).

Garden Hill

Work undertaken in 1976/77 included: temporary aircraft plug-ins, clearing (20 per cent completed), traffic gravel (completed), terminal renovations (70 per cent completed), runway lights (completed), equipment shed (completed), hydro (90 per cent completed), security fencing (95 per cent completed), grade improvements (completed), drainage improvements (80 per cent completed), an access road (completed), a non-directional beacon and communications (80 per cent completed) and a concrete floor in the shed (50 per cent completed).

Gods Lake Narrows

Work undertaken included grading (completed), rock excavation (completed), gravel placement (10 per cent completed),

runway lights (completed), an access and bypass road (completed), a ramp and parking area (completed), clearing (completed).

Moose Lake

Work undertaken in 1976/77 included placement of traffic gravel.

Pukatawagan

Work undertaken included construction of an equipment shed, purchase of heating and wiring materials for the shed and installation of runway lights.

Red Sucker Lake

Work undertaken included an access road, relocation of the terminal building, construction of an equipment shed, (90 per cent completed) and purchase of material for runway lights.

Shamattawa

Work undertaken included placement of additional traffic gravel, extension of runway lights into the parking area, extension of the ramp and parking area, relocation of NDB, renovations to the terminal building (50 per cent completed), concrete pads for fuel storage tanks, purchase of security fencing materials and drainage improvements.

South Indian Lake

Work undertaken during 1976/77 included construction of an equipment shed, heating and wiring, additional traffic gravel, purchase of material for a security fence and stabilization of grade slope (5 per cent).

Wasagamack

Costs were incurred in undertaking preliminary site investigations and meeting with the Band and Council.

York Landing

Work undertaken included placement of a non-directional beacon (78 per cent), installation of runway lights and renovations in the equipment shed.

Little Grand Rapids

Work undertaken included terminal renovation, construction of an equipment shed (heating and wiring not completed), placement of a non-directional beacon and construction of an access road. In addition, a gravel search was undertaken.

St. Theresa Point

During 1976/77, a small amount of traffic gravel was placed on the graded area.

Oxford House

Work was not undertaken during 1976/77 as an outstanding land issue was not resolved with the community.

Further details are provided in Tables C.4 and C.5.

The manager of the Airport Development and Up-grading project is:

Mike Kapetz
Department of Northern Affairs
59 Elizabeth Drive
Thompson, Manitoba
Telephone: 778-6001, Extension 271

TABLE C.4

AIRPORT DEVELOPMENT AND UPGRADING PROGRESS 1976/77

MAINTENANCE EQUIPMENT - PROVIDED

AIRSTRIP	COST	CONTRACTORS	TOTAL EMPLOYED	NORTHERNERS		MONTH EMPLOYMENT	TOTAL MAN	MOTOR GRADER	COST	ONE WAY PLOWS	COST	# of TRUCKS FIRE SUPPRESSION	COST
				TOTAL NO.	NO SKILLED								
Berens River		Dept. of Northern Affairs	2	2	0	2	1.			X	2,327.27	X	3,500.00
Bloodvein		Bloodvein Foundation/DNA	8	6	5	1	24.			X	2,327.27		
Brochet		DNA	6	6	2	4	5.						
Cross Lake		DNA	3	3	1	2	3.5			X	2,327.27		
Garden Hill		DNA	28	28	2	26	36.5			X	2,327.27	X	3,000.00
Gods Lake Narrows		Kelly North/DNA	40	36	5	31	39.5	X	23,400	X	2,327.27	X	3,500.00
Granville Lake		--											
Little Grand Rapids		McLean Const/DNA	65	61	8	53	98.			X	2,327.27		
Moose Lake		Lamb's Store	4	4	2	2	2.						
Oxford House		--						X	12,500	X	2,327.27		
Paungass1		--											
Poplar River		--								X	2,327.27		
Pukatawagan		DNA	13	12	1	11	16.			X	2,327.27		
Red Sucker Lake		P&T Const./DNA	41	37	9	28	64.			X	2,327.27		
Shamattawa		DNA	12	12	1	11	14.5						
South Indian Lake		DNA	29	29	0	29	24			X	2,327.27		
St. Theresa Point		DNA	2	2	1	1	1						
Wasagamack		--											
York Landing		DNA	22	22	0	22	10.5						
Matheson Island		--											
TOTAL								2	35,900	11	25,600	3	10,000

TABLE C.5 Northern Manitoba, Status of Airstrips, March 31, 1977

COMMUNITY AIRSTRIP	GRADED AREA	LICENCED AREA												COMMENTS			
			TERMINAL BUILDING	EQUIPMENT BLDG	NECH DIRECTIONAL BEACON	RADIO COMMUNICATIONS	SECURITY FENCING	ACCESS ROAD	VEHICLE PARKING	RUNWAY LIGHTS	WORKSHOP	FUEL STORAGE	RAMP & PARKING AREA				
Berens River	160'x3400'	2500'x100' D	X	X	X	X			X								* clay and gravel
Bloodvein	100'x4000' E			X						X**							** clay/Terminal Bldg to be re-located & removed
Brochet	200'x3200'	2999'x100' D*	X	X	X	X			X		X				X		* licenseable, not yet licensed
Cross Lake	200'x3400'	2999'x100' D	X	X*	X	X		X	X	X	X	X	X	X	X		* 95 percent
Garden Hill	200'x4600'	3500'x104' C*	X	X	X	X		X	X	X	X	X	X	X	X		* with restrictions (wind,day)
Gods Lake Narrows	200'x2700'	2500'x110'D*	X	X	X	X			X		X				X		* licenseable-has overrun 2100'x110' used as taxi
Granville Lake																	
Little Grand Rapids	200'x2700'	2500'x104' D	X	X	X	X			X	X		X	X	X	X		
Moose Lake	200'x3500'	3100'x104'D**	X						X	X	X	X			X		* Licenseable
Oxford House	130'x4700'	2500x104 D	X	X	X	X			X		X*						* Temporary
Paungassi	1971-72 - 60%	of site cleared - land settlement required															
Poplar River	160'x2500' E	- Land settlement required															
Pukatawagan	200'x3200'	2999'x100' D*	X	X		X			X	X	X				X		* Licenseable
Red Sucker Lake	200'x3200'	2999'x100' D*	X	X		X			X								* Licenseable
Shamattawa	200'x4400'	2999'x104' D*	X	X	X	X					X		X	X			* Licenseable
South Indian Lake	200'x2800'	2500'x104' D*	X	X	X	X			X	X	X				X		* Licenseable
St. Theresa Point	150'x3400' E			X					X								
Wasagamack	80'x2200' E*																* Clay
York Landing	200'x3200	2999'x100' D*	X	X		X			X	X	X				X		* Licenseable
Matheson Island	180'x2800' E																

SECTOR D

COORDINATION AND PILOT ACTION RESEARCH

The objective of this sector is to facilitate overall provincial program coordination by cost-sharing provincial staff charged with integrating the various activities under the agreement. This staff had two major tasks which are reflected in the two programs included in this sector. Program costs were shared 60/40 by DREE and Manitoba.

Program 1 Coordination and Administration

This program provides for the administration and coordination of the agreement to ensure effective involvement of all agencies and government departments with responsibilities in northern Manitoba. An important component was the preparation of expenditure forecasts and reports on progress. During 1976/77 expenditures of \$385,526.42 were shared 60/40 between DREE and Manitoba.

Program 2 Pilot Action Research

Activity 1 Waste Management Demonstration Projects

The Department of Northern Affairs utilized the services of seven staff (four of whom were employed on a casual basis for summer work) and Sym/Bios Consulting Services in the evaluation of various waste management processes as they perform under northern conditions. Testing and evaluation was undertaken in both the remote north itself and, in the case of one project, in a location which approximates northern conditions

and will allow certain economies and efficiencies to be maintained during experimentation.

During 1976/77 expenditures of \$133,725.56 were shared 60/40 between DREE and Manitoba.

The Activity was organized into four components:

Composting Toilet Systems

This research was designed to evaluate the performance and effects of various Scandinavian composting toilets for in-home management of household putrescible wastes. During the 1976/77 period an interim report of progress concerning the functioning of the Clivus-Multrum and Mull-Toa units was completed. Copies of this report are available from the Joint Managers. Further Testing of the Mull-Toa system was abandoned in 1976/77 and initial investigations of alternate systems were undertaken within the "MHRC Applied Research" activity as reported below.

Aquatic Vegetation

This research is designed to evaluate the degree to which domestic sewage lagoon operation can be improved through the nutrient uptake provided by selected aquatic macrophytes, as well as to evaluate plant biomass as a fodder supplement or replacement. A detailed interim report of progress achieved during 1976 has been prepared and is available from the Joint Managers.

Sewage Ejectors

Two sets of equipment had been previously installed but little progress was made during 1976/77, due to the emphasis placed on other components of the research. Monitoring of percolation and runoff will be pursued during 1977.

Overland Flow Treatment

This research studies the effect of running premeasured rates of waste water over a slightly sloped plot which is seeded

with Reed Canary Grass and Creeping Red Fescue. During the period a final report was prepared regarding experiments which were conducted under controlled greenhouse conditions. A copy of this report is available from the Joint Managers. During the period test plots were fitted with tile underdrains and collection basins. Seeding and irrigation will commence during 1977.

The manager of the Waste Management Demonstration Project is:

Mike McKernan
Department of Northern Affairs
932 - 405 Broadway Avenue
Winnipeg, Manitoba
Telephone: 944-2535

Activity 2 Housing Pilot Program

Manitoba Housing and Renewal Corporation (MHRC) utilized one staff person to coordinate various technical research projects related to the development of improved housing subsystems in northern communities.

Research for the 1976/77 period focussed on:

- evaluating standard horizontal log construction from a climatic and economic viewpoint
- investigating potentials for energy-saving on frame construction techniques
- providing an initial set of recommendations on the feasibility of various Scandinavian Composting Toilets
- purchasing various single home sewage treatment systems for installation and testing in areas with no access to traditional treatment methods, and
- the preparation of a Stackwall Construction Manual.

The specific results of 1976/77 activities are as follows:

Log Construction

The objective was to study the climatic suitability, economic suitability and user satisfaction associated with two log houses in Manigotogan which had been erected during the

Interim Agreement, using hand construction techniques. During the 1976/77 period, interim reports were completed and utilized in extensive discussions with residents. A final report is to be issued in the fall of 1977.

Energy Studies

Various tests were conducted on several forms of construction and techniques in order to determine relative operational cost versus initial construction costs. First, environmental chamber tests were carried out using "Pakwagen" milled logs to determine insulative value. The final report is expected in 1977. Second, tests and monitoring are scheduled to take place in 1977 when the final reports will be submitted.

Composting Toilets

Initial investigation of the relative merits of various decision-making on eventual site testing. The research covered the Kombio, Multramman, Toa-Throne and Bio-Loo designs and is available from the Joint Managers.

Single Home Sewage Treatment

Four extended aeration single home packaged treatment plants were purchased from various manufacturers for installation and monitoring during the 1977 construction year.

Stackwall Construction Manual

The text of this manual was essentially completed during 1976/77 and, at year end, was awaiting full completion with graphics and layout. Printing will actually take place in 1977 after a review by various native groups and educators.

During 1976/77 expenditures of \$50,158.00 were shared 60/40 between DREE and Manitoba.

The manager of the Housing Pilot Action activity is:

John Hockman
Manitoba Housing and Renewal Corporation
1100 - 259 Portage Avenue
Winnipeg, Manitoba
Telephone: 957-0430

Activity 3 Adult Development Education

This activity, delivered by the Department of Education, undertook the refinement of non-traditional approaches to basic education in remote areas of the north. Adult development education actually is a continuation of programming initiated under the Interim Northlands Agreement.

The field services component of the activity provided seven field workers who acted as a liaison between the community and the school.

Traditional Individualized Education included under this activity consisted of pairing a student with an experienced registered trapper at Split Lake, Brochet, Cross Lake, Norway House and St. Theresa Point.

This activity also encompassed special projects -- the Manitoba Indian Travelling College, Native cultural lectures, youth/elders conferences and cultural field trips.

There were expenditures of \$207,559.49 during 1976/77 shared 60/40 between DREE and Manitoba.

The coordinator of the activity is:

Fred Smith
Department of Education
1181 Portage Avenue
Robert Fletcher Building
Winnipeg, Manitoba
Telephone: 786-0271.

The Co-Secretaries, one federal and one provincial, appointed to assist with the overall liaison and the coordination of initiatives under this Agreement are:

Herb Schultz
Department of Regional Economic
Expansion
400 - 185 Carleton Street
Winnipeg, Manitoba
Telephone: 985-2590

and

Doug Davison
Department of Northern Affairs
932 - 405 Broadway Avenue
Winnipeg, Manitoba
Telephone: 944-2517.

