

Canada

Alberta

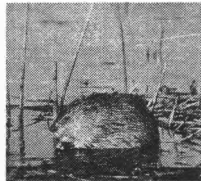
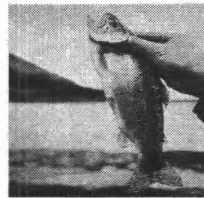


# Northern River Basins Study

ATHABASCA UNIVERSITY LIBRARY



3 1510 00166 4086



NORTHERN RIVER BASINS STUDY PROJECT REPORT NO. 57

## WATER RESOURCES USE AND MANAGEMENT ISSUES

FOR THE PEACE, ATHABASCA AND  
SLAVE RIVER BASINS: STAKEHOLDER  
SCREENING SURVEY



TD  
227  
.A3  
H679  
1995

[illegible][illegible]

88019161

Prepared for the  
Northern River Basins Study  
under Project 4121-D1

by

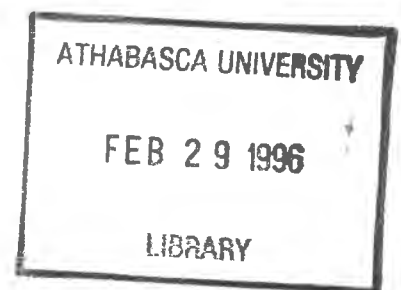
Tony Hoare  
The South Slave Research Centre

NORTHERN RIVER BASINS STUDY PROJECT REPORT NO. 57

# **WATER RESOURCES USE AND MANAGEMENT ISSUES**

**FOR THE PEACE, ATHABASCA AND  
SLAVE RIVER BASINS: STAKEHOLDER  
SCREENING SURVEY**

Published by the  
Northern River Basins Study  
Edmonton, Alberta  
June, 1995



## CANADIAN CATALOGUING IN PUBLICATION DATA

Hoare, Tony

Water resources use and management issues for the  
Peace, Athabasca and Slave River Basins: Stakeholder  
screening survey

(Northern River Basins Study project report,  
ISSN 1192-3571 ; no. 57)  
ISBN 0-662-23560-6  
Cat. no. R71-49/3-57E

1. Water use -- Alberta -- Athabasca River.
2. Water use -- Peace River (B.C. and Alta.)
3. Water use -- Slave River (Alta. and N.W.T.)
- I. Northern River Basins Study (Canada)
- II. Title.
- III. Series.

TD226.H62 1995 333.91'009712 C95-980184-7

Copyright © 1995 by the Northern River Basins Study.

All rights reserved. Permission is granted to reproduce all or any portion of this publication provided the reproduction includes a proper acknowledgement of the Study and a proper credit to the authors. The reproduction must be presented within its proper context and must not be used for profit. The views expressed in this publication are solely those of the authors.

## **PREFACE:**

The Northern River Basins Study was initiated through the "Canada-Alberta-Northwest Territories Agreement Respecting the Peace-Athabasca-Slave River Basin Study, Phase II - Technical Studies" which was signed September 27, 1991. The purpose of the Study is to understand and characterize the cumulative effects of development on the water and aquatic environment of the Study Area by coordinating with existing programs and undertaking appropriate new technical studies.

This publication reports the method and findings of particular work conducted as part of the Northern River Basins Study. As such, the work was governed by a specific terms of reference and is expected to contribute information about the Study Area within the context of the overall study as described by the Study Final Report. This report has been reviewed by the Study Science Advisory Committee in regards to scientific content and has been approved by the Study Board of Directors for public release.

It is explicit in the objectives of the Study to report the results of technical work regularly to the public. This objective is served by distributing project reports to an extensive network of libraries, agencies, organizations and interested individuals and by granting universal permission to reproduce the material.



## NORTHERN RIVER BASINS STUDY PROJECT REPORT RELEASE FORM

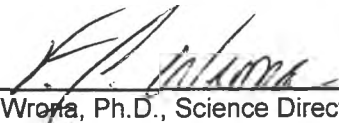
This publication may be cited as:

**Hoare, Tony. 1995. Northern River Basins Study Project Report No. 57, Water Resources Use and Management Issues for the Peace, Athabasca and Slave River Basins: Stakeholder Screening Survey. Northern River Basins Study, Edmonton, Alberta.**

Whereas the above publication is the result of a project conducted under the Northern River Basins Study and the terms of reference for that project are deemed to be fulfilled,

**IT IS THEREFORE REQUESTED BY THE STUDY OFFICE THAT;**

this publication be subjected to proper and responsible review and be considered for release to the public.

  
(Dr. F. J. Wrona, Ph.D., Science Director)

7 June 95  
(Date)

Whereas it is an explicit term of reference of the Science Advisory Committee "to review, for scientific content, material for publication by the Board",

**IT IS HERE ADVISED BY THE SCIENCE ADVISORY COMMITTEE THAT;**

this publication has been reviewed for scientific content and that the scientific practices represented in the report are acceptable given the specific purposes of the project and subject to the field conditions encountered.

**SUPPLEMENTAL COMMENTARY HAS BEEN ADDED TO THIS PUBLICATION: [ ] Yes [ ] No**

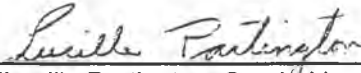
  
(Dr. P. A. Larkin, Ph.D., Chair)

7 June 95  
(Date)

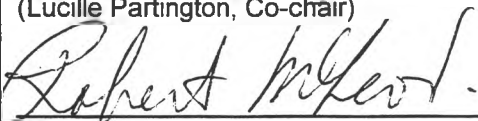
Whereas the Study Board is satisfied that this publication has been reviewed for scientific content and for immediate health implications,

**IT IS HERE APPROVED BY THE BOARD OF DIRECTORS THAT;**

this publication be released to the public, and that this publication be designated for: [ ] STANDARD AVAILABILITY [ ] EXPANDED AVAILABILITY

  
(Lucille Partington, Co-chair)

8 June 95  
(Date)

  
(Robert McLeod, Co-chair)

June 12, 1995  
(Date)



# WATER RESOURCES USE AND MANAGEMENT ISSUES FOR THE PEACE, ATHABASCA AND SLAVE RIVER BASINS: STAKEHOLDER SCREENING SURVEY

## STUDY PERSPECTIVE

The Northern River Basins Study Board will be formulating recommendations covering many areas likely of consequence or interest to basin residents. In an effort to assist the Board in this task, a series of projects were initiated to query the residents on their use of northern river basins waters. Existing information was either not available or as extensive as required in its coverage for the area under study. The project report details the efforts taken to develop a list of stakeholders that should be approached for input within a workshop setting.

### ***Related Study Questions***

- 3) *Who are the stakeholders and what are the consumptive and non-consumptive uses of the water resources in the river basins?*

Information from this project was used to conduct subsequent surveys of interest groups, industries and municipal governments. A finalized list of stakeholders and the questionnaires used, as amended by the Study Board, will be included in the report for the surveys project. Analysis of all the surveys, including a treatment of non-respondents, will be included in a forthcoming report that will synthesize a response to NRBS Guiding Question 3.



## REPORT SUMMARY

Project 4121-D1, the Stakeholder Screening Survey was undertaken to build on the data collected in Project 4101-B1. Project 4101-B1 identified stakeholder groups that use or have an interest in the Peace, Athabasca and Slave River systems and recommended a workshop process for identifying the concerns of the stakeholder groups about water use in the three river systems. In Project 4121-D1, these organizations were surveyed to elicit sufficient information about the stakeholder groups to plan stakeholder workshops and to identify in a preliminary way the issues that should be addressed in the workshops. As well, through the survey process, a more complete stakeholder list was developed.

### Survey Results

The results of the survey briefly summarized are:

- stakeholder groups have a broad cross section of interests in the Peace, Slave and Athabasca River Systems including consumptive uses (fishing, trapping and agriculture), non-consumptive uses (environmental, recreational and cultural), commercial interests (primarily tourism), and political interests (First Nations, Métis Settlements and community associations);
- the majority of stakeholder groups are comprised of local or regional members with 75% or more of their members living north of Edmonton;
- the type of river use reported most frequently was recreation (52 percent) and hunting and fishing (51.3 percent);
- the change in water quantity and/or quality reported by respondents most often was change in water flows (58.3 percent) and increase in pollutants (40.9 percent);
- the most frequently mentioned water use concerns were the need to preserve ecosystems (28.9 percent) and concerns about pulp mill development (26.2 percent) and general industrial development (24.8 percent);
- eighty five percent of respondents indicated that their organization is willing to attend NRBS workshops;
- the most frequently mentioned workshop locations were: Peace River, Grande Prairie, Athabasca, Fort McMurray, Edmonton, Fort Chipewyan and Fort Smith;
- the respondent preference for day, time and duration of workshops was diverse and inconclusive;

- ninety three percent of respondents asked that their organization be placed on the NRBS mailing list.

### **Conclusions and Recommendations**

The following conclusions and recommendations should guide the design of workshops and further stakeholder groups data collection:

- current public communication initiatives should be reviewed to ensure that stakeholder groups are receiving information about the Study;
- workshops should be held in the following regional centres: Peace River, Grande Prairie, Athabasca, Fort McMurray, Edmonton, Fort Chipewyan, Fort Smith and Fort Vermilion;
- all interested stakeholder groups should be invited to send a representative to a regional workshop;
- a workshop agenda and background information should be sent to stakeholder organizations with sufficient lead time for the organization to prepare for the meeting;
- the workshops should generally be eight hours or less;
- the timing of the workshops should depend on the targeted stakeholder agencies;
- an explanation of how the information collected in the workshops will be used should be communicated to stakeholder groups.

# TABLE OF CONTENTS

<b>REPORT SUMMARY .....</b>	<b>i</b>
<b>TABLE OF CONTENTS .....</b>	<b>iii</b>
<b>LIST OF TABLES .....</b>	<b>v</b>
<b>LIST OF FIGURES .....</b>	<b>v</b>
<b>1.0 INTRODUCTION .....</b>	<b>3</b>
1.1 Scope .....	3
1.2 Project Activities .....	4
<b>2.0 PROJECT METHODS .....</b>	<b>5</b>
2.1 Stakeholder Questionnaire .....	5
2.2 Stakeholder Categories .....	5
2.3 Sample Selection Methods .....	6
2.4 Telephone Survey .....	6
2.5 Data Coding .....	6
2.6 Duties and Responsibilities of SSRC Staff .....	6
2.7 Paradox Database .....	7
2.8 Potential Errors and Omissions in the Data .....	7
<b>3.0 SURVEY RESULTS .....</b>	<b>7</b>
3.1 Stakeholder groups .....	8
3.2 Membership of Stakeholder Groups .....	9
3.3 Use of River Basins by Stakeholders .....	3
3.4 Observed Change in Water Quantity and Water Quality .....	14
3.5 Water Management and Water Use Concerns of Stakeholders .....	16
3.6 Preference of Organizations to Attend the NRBS Workshops .....	17
3.7 Preference of Workshop Location .....	18
3.8 Preferred Day, Time and Duration of Workshops .....	19
3.9 Request for Inclusion in the NRBS Mailing List .....	21
<b>4.0 CONCLUSIONS AND RECOMMENDATIONS .....</b>	<b>22</b>
4.1 Dissemination of Information to Stakeholder Groups .....	22
4.2 Number of Workshops .....	22
4.3 Location of Workshops .....	23
4.4 Invitations to Workshops .....	23
4.5 Workshop Agenda .....	23
4.6 Length of Workshops .....	24
4.7 Timing of Workshops .....	24
4.8 Use of Workshop Information .....	24

## **APPENDICES**

APPENDIX 1 Terms of Reference .....	25
APPENDIX 2 Standard Survey Questionnaire .....	29
APPENDIX 3 First Nations and Métis Settlement Questionnaire .....	33
APPENDIX 4 List of Coding Categories .....	37
APPENDIX 5 List of Stakeholder Groups in the Survey Sample .....	41

## LIST OF TABLES

Table 1: Membership Size by Stakeholder Group .....	11
Table 2: River Use by Organization Type .....	13
Table 3: Types of River Use by Organization .....	14
Table 4: Observed Change in Water Quantity and Water Quality .....	15
Table 5: Water Management and Water Use Concerns of Stakeholders .....	16
Table 6: Preference of Workshop Location .....	19
Table 7: Day of Week Preference .....	20

## LIST OF FIGURES

Figure 1: Percentage of Respondents by Category .....	8
Figure 2: Organizational Aims and Interests .....	10
Figure 3: Composition of Membership .....	10
Figure 4: Size of Membership .....	11
Figure 5: Proportion of Stakeholder Members Living North of Edmonton .....	12
Figure 6: Distribution of Group Members Among Communities .....	13
Figure 7: Distribution of Concerns By Organizational Group .....	17
Figure 8: Willingness of Organizations to Attend NRBS Workshops .....	18
Figure 9: Length of Workshop Preference .....	21
Figure 10: Inclusion in NRBS Mailing List .....	22



## 1.0 INTRODUCTION

The South Slave Research Centre (SSRC) was contracted by the Northern River Basin Study Other Uses Component to carry out the Stakeholder Screening Project (4121-D1), an assessment of stakeholder groups. The project was initiated June 1, 1994 and the draft report was submitted on July 14. The main thrust of the study in the first three weeks of the project was to design the survey instrument and obtain telephone numbers and contact names for the 147 organizations on the existing stakeholder list supplied by Northern River Basin Study (NRBS) based on the results of Project 4101-B1. During that time period, the Other Uses Component decided that the Government, Municipal or Business stakeholders would not be surveyed because information on these groups is available either through public documents or through regulated, licensed activity.

In consultation with the Other Uses Component and the Traditional Knowledge Component, a decision was made to include Aboriginal groups on the stakeholder list. Research by the SSRC identified an additional 109 stakeholder organizations for a total survey sample of 256 organizations. Telephone surveys were initiated on June 17 and concluded on July 8, a predetermined cutoff date. Telephone surveys were completed with 172 organizations or 67 percent of the survey sample.

### 1.1 Scope

The terms of reference identified the following project requirements:

- in consultation with the leader of the Other Uses Component, to develop a questionnaire that provides sufficient information about stakeholder groups to assess whether they ought to be included in subsequent workshops;
- to review and update an existing list of stakeholders provided by the Other Uses Component;
- to survey as many organizations as possible;
- to design a database summarizing the survey results for subsequent analysis by the Other Uses Component;
- to analyze the survey results and recommend which groups ought to be included in the subsequent workshops, and recommend locations for six to eight workshops; and
- to provide a brief report which summarizes the results of this project and provides an assessment of the validity of the sample results in terms of response rate and potential errors or omissions.

In addition to the terms of reference, the NRBS project liaison officer provided ongoing

direction to the scope of the project.

## **1.2 Project Activities**

The South Slave Research Centre has provided the following services under the contract:

- the existing stakeholder list prepared under Project 4101-B1 and the NRBS mailing list have been integrated into an updated Master Stakeholder List;
- the Master Stakeholder list has been updated to include telephone/fax numbers and identify a current contact person;
- the Master Stakeholder list has been expanded from 147 stakeholders to 256 stakeholders;
- a stakeholder questionnaire has been designed for the purpose of soliciting or confirming the following information:
  - organization name, address, contact name and telephone/fax number,
  - category of organization (aboriginal, recreation, environment etc.),
  - general goal of organization,
  - number and location of membership,
  - geopolitical affiliation,
  - types of water use,
  - water management issues or concerns,
  - degree of interest in attending a water management workshop, and
  - preferred location, time and duration of workshop.
- data analysis contained within this report provides the following types of information and makes the following recommendations:
  - details of survey sample and number of respondents,
  - types of use by organization, number of members within organizations, and categories of stakeholders,
  - observed change in water quality and water quantity identified by organization membership
  - comparison of water management concerns by organization category,
  - water management issues to be included on the workshop agenda
  - organization that should attend the regional workshops, and
  - workshop locations, time and duration.

Although most of the project activities were identified within the terms of reference, there have been some important changes and additions to the terms of reference. Specifically, the terms of reference originally stated that telephone numbers and complete list of stakeholders

would be provided by the NRBS. However, a number of circumstances including the time lag since completion of Project 4101-B1, required that the SSRC carried out extensive research to develop a telephone directory of existing organizations and identify additions to the master stakeholder list.

## **2.0 PROJECT METHODS**

The research methods used in this project included the design of a stakeholder questionnaire, the administration of a telephone survey to a predetermined survey sample, the design of a database into which the survey results were coded, and data analysis techniques to interpret the database output.

### **2.1 Stakeholder Questionnaire**

The stakeholder questionnaire was designed to survey the attitude of stakeholder organizations in three areas. The questionnaire surveyed whether representatives of stakeholder groups were interested in attending workshops, the extent to which stakeholder groups used the water resources, and the major water resource issues of concern among the different user groups.

The stakeholder questionnaire was prepared in consultation with the Other Uses Component staff. It was designed for ease of administration over the telephone and ease of data entry and analysis. It consisted of both open-ended and closed-ended questions. Issue identification questions were open ended and responses were categorized by the project coordinator before entry into the data base.

Two survey instruments were developed: a standard questionnaire and a questionnaire designed for surveying First Nations and Métis Settlements. The need for a second questionnaire was established in consultation with the Traditional Knowledge Component and the Project Liaison Officer. On review of the standard questionnaire, some questions directed to First Nations and Métis Settlements were viewed as unnecessary and inappropriate to the objectives of the project. Therefore a customized survey was developed for First Nations and Métis Settlements. Other Aboriginal organizations were surveyed using the original questionnaire.

### **2.2 Stakeholder Categories**

Stakeholder groups were categorized as Aboriginal, Agriculture, Business, Community Associations, Commercial, Environment, Municipal, Recreation and River Transportation. The NRBS Project Liaison Officer advised that the business and municipal categories would not be surveyed due to limited project resources and given that water use information from these organizations was available through regulatory and licensing data.

### **2.3 Sample Selection Methods**

Stakeholder groups were selected using three primary techniques. One hundred and nine organizations were selected from the master stakeholder list which combined the NRBS mailing list with the stakeholders identified in Project 4101-B1. The SSRC also contacted umbrella organizations to obtain the names of member organizations. Through these research techniques an initial contact stakeholder list was established. During the survey process, respondents were asked if they knew of any additional organizations whom they felt should be included in the survey. An additional one hundred and nine stakeholders were identified through this process.

Three attempts were made to contact stakeholder representatives. Where there was no answer at the number we were given for the organization, subsequent telephone calls were made during the day and the early evening to a work or home number. Where possible, messages were left asking respondents to telephone the SSRC collect, in order to identify the organization's interest in participating in a water resource workshop in the fall. If the respondent failed to call back, two follow up telephone calls were made to the organization.

One hundred and seventy two stakeholders (67 percent) responded to the survey out of the 256 stakeholders identified. Of the 84 who failed to respond to the survey, 11 stakeholders (four percent) were contacted but declined to participate in the survey and we were unable to contact the remaining 72 stakeholders (28 percent) using the procedures identified above.

### **2.4 Telephone Survey**

The telephone survey was first pilot tested with six individuals of varying education and professional backgrounds within the town of Fort Smith. Upon completion of revisions made in response to the first pilot test, a second pilot test was made using six stakeholders representing each of the major stakeholder categories.

The telephone interviews were carried out by the project coordinator and three research assistants. The research assistants were given a one-day training session in telephone interview techniques.

The ratio of telephone calls made, to the number of surveys initiated, was approximately 3:1.

### **2.5 Data Coding**

Thirteen of the 16 interview questions were open ended which allowed a wide variety of responses. Upon completion of the survey, these responses were grouped into appropriate categories. Two members of the research team individually coded a sample selection of the responses to ensure that the coding categories were not ambiguous. However, all survey coding was supervised by the project coordinator to ensure consistent interpretation of responses.

### **2.6 Duties and Responsibilities of SSRC Staff**

The project manager and project coordinator developed the questionnaires. As noted above, the project coordinator and the three research assistants carried out the telephone

surveys. The project coordinator determined response categories for the open ended questions and coded those responses. The project manager and the project coordinator analyzed the data and made the recommendations contained in this report.

## **2.7 Paradox Database**

The results of this survey have been entered into the Borland Paradox Database. Paradox is a full-featured relational database management system that operates in a Microsoft Windows environment. Paradox supports both Paradox and dBase table formats. Data can easily be easily translated into either application.

## **2.8 Potential Errors and Omissions in the Data**

Although strictly applied research methods were adopted to minimize data errors and omissions, a number of concerns remain.

There were unequal response rates from each of the stakeholder categories and this proportionally distorts the project findings. Analysis by stakeholder category has been used to minimize this effect where possible. However, given the small sample size the responses have not been weighted. Therefore, the Aboriginal and Recreation categories, with the highest number of responses bias the results of the survey when viewed as a whole. Conversely, the limited number of responses in the Associations and River Transportation categories limit their representation in the summary data.

There are a number of potential sampling errors. A number of stakeholders in the sample declined to participate in the survey as they are uncomfortable with telephone interviews. Other stakeholders declined to answer particular questions saying they required more time to consider the questions. We were unable to reach a number of organizations because we could not obtain current phone numbers or we had difficulty in reaching their mobile phone. Other stakeholders were not surveyed as they were on holiday during the survey period. Finally, a number organizations in the Environmental and Aboriginal categories were reluctant or unwilling to participate in the study because they are constantly asked to speak on behalf of their organizations at the expense of other duties.

## **3.0 SURVEY RESULTS**

This section summarizes the results of the survey of all stakeholder organizations and includes the results of the survey of Aboriginal organizations. The combination of data was viewed as appropriate because the questions in both surveys were either the same or very comparable.

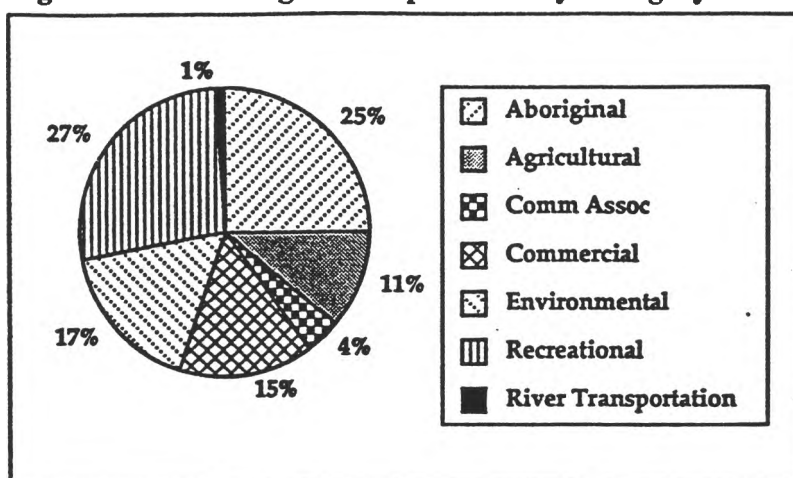
### 3.1 Stakeholder groups

Stakeholder groups were categorized by group prior to the survey. Although these categories remained unchanged, the organizations were also surveyed as to their stated aims and interests.

#### *Survey Respondents*

Respondents were asked to briefly summarize the aims and interests of the stakeholder groups that they represent. The composition of organizations that responded to the survey is similar to the composition of the survey sample as a whole. The distribution of organizations among categories is shown in Figure 1.

**Figure 1: Percentage of Respondents by Category**

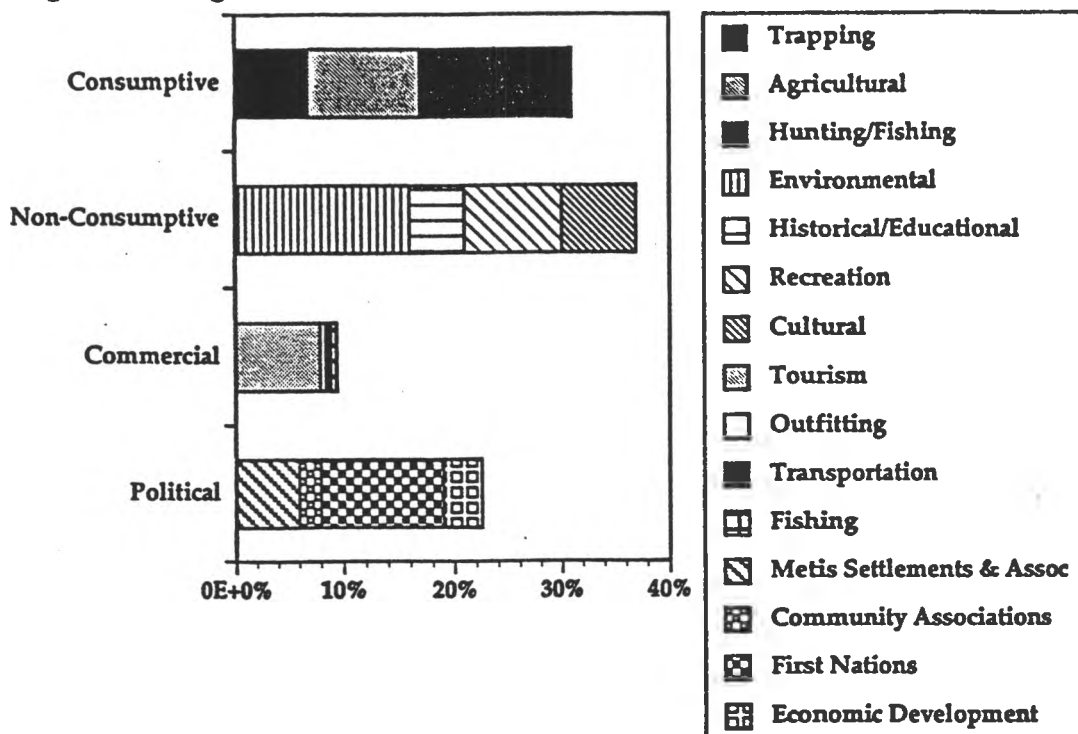


Just over half of the groups (52 percent) were categorized as either Recreation or Aboriginal organizations. There were 19 or more organizations surveyed from each group except Community Associations (six) and River Transportation organizations (one).

#### *Stated Purpose of Stakeholder groups*

Figure 2 shows that the aims and interests of 37 percent of the groups fell within the non-consumptive advocacy category. Of these, 15.8 percent focused on environmental issues.

Figure 2: Organizational Aims and Interests



Thirty one percent of the respondents represented consumptive organizations. Hunting and fishing organizations were the largest category in this group and accounted for 14 percent of total responses - the second largest in the survey. In the commercial category, the respondents almost exclusively identified tourism as the main aim or interest of the organization. Just under 23 percent of organizations identified their organization's mandate to be political or economic. The largest group in this category was the Aboriginal Associations which accounted for 10.5 percent of the total.

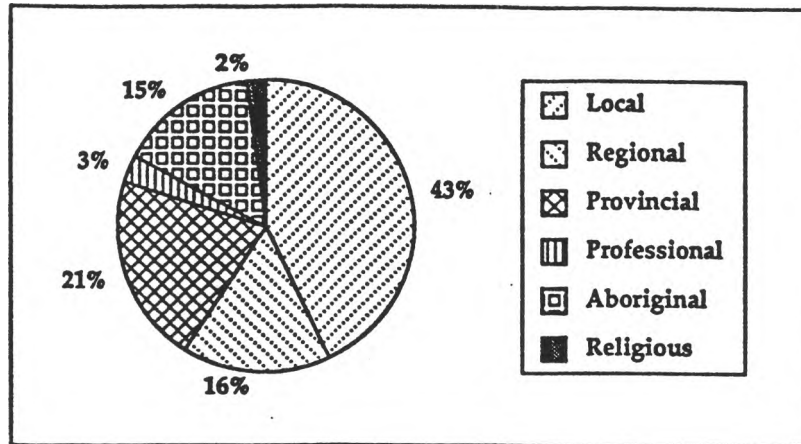
### 3.2 Membership of Stakeholder groups

Respondents were asked to describe the members of the groups they represent. The responses were categorized in six categories: local, regional, provincial, professional, Aboriginal or religious. Seventy four organizations (43 percent) were classified as being 'local', where the majority of members reside in the local community.<sup>1</sup> The significant number of organizations made up of local members reflects the strong presence of community organizations representing

<sup>1</sup> Local communities refer to membership from the same town or surrounding area as the organizations mailing address. Regional members refer to organizations with members from more than one town or surrounding area in Northern Alberta. The provincial category applied to those organizations that had members throughout Alberta or national or international members.

community interests.

**Figure 3: Composition of Membership**



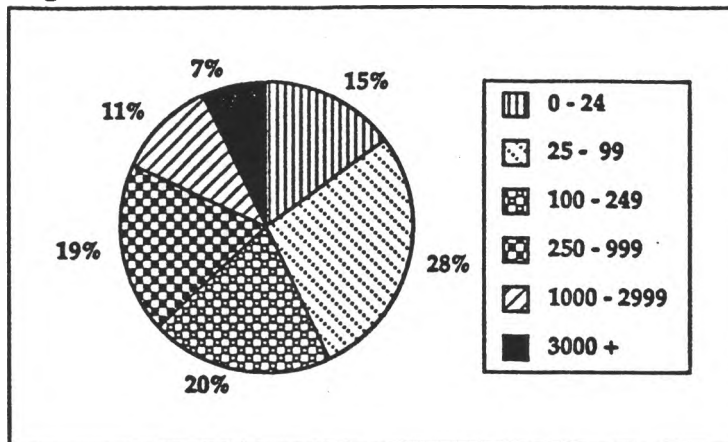
Thirty six organizations (21 percent) had a province-wide membership while 28 organizations (16 percent) were comprised of regional members from different communities north of Edmonton. Aboriginal membership refers to political organizations, specifically First Nations and Métis Settlements. This category does not include Aboriginal organizations such as friendship centres which have a social mandate for a diverse constituency. Finally, three percent of organizations identified their members as professional body and two percent were members of a religious community (in this case Hutterite Colonies).

#### *Membership Size*

Respondents were asked the size of the stakeholder groups they represent. Figure 4 shows that the majority of organizations have a relatively small membership. One hundred and four (63 percent) of the organizations responding to the survey had less than 250 members.<sup>2</sup>

---

<sup>2</sup> We asked respondents to state the size of their local organizations in cases where there was an option to state the size of the local versus provincial or national membership.

**Figure 4: Size of Membership**

Twenty four of these organizations (14 percent) had less than 25 members, 47 (28 percent) had between 25 and 99 members, and 34 (20 percent) had 100 to 249 members. There were no Aboriginal organizations under 100 members while over 55 percent of organizations in all other categories had members with less than 100 people. The very largest organizations were usually national and international in scope. Table 1 below details the breakdown of membership by the category of the organization.

**Table 1: Membership Size by Stakeholder Category**

	Aboriginal	Agriculture	Comm Assoc	Commercial	Environ	Recreation	River Transport	Total #	% of total <sup>3</sup>
0-24		3	7	5	4	7	1	24	14.4
25-99		8	2	8	9	20		47	28.1
100-249	4	4		4	8	14		34	20.4
250-999	18	2	1	4	4	3		32	19.2
1000-2999	12	1		2	2	2		19	11.4
3000 +	6			1	3	1		11	

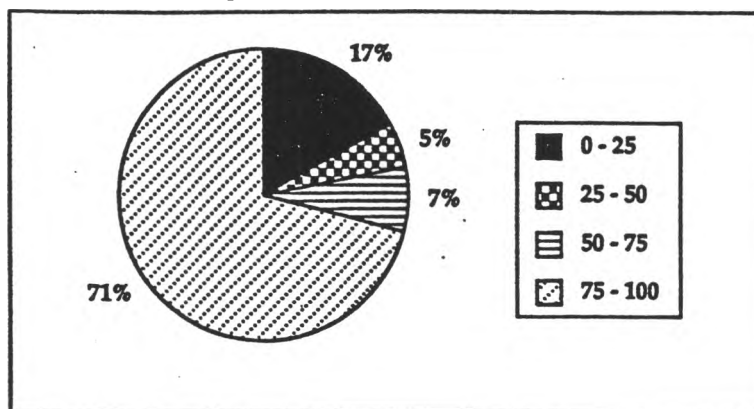
Table 1 has been included to demonstrate the significant difference between the various types of organizations and membership size. For example all the Aboriginal organizations surveyed had more than 100 members even though 42 percent of all organizations sampled have less than 100 members.

<sup>3</sup> The 'percent of Total' column represents the total number of responses to a particular issue divided by the 172 survey respondents.

### *Members Living North of Edmonton*

Respondents were asked to estimate the percent of members of their organization that live north of Edmonton. Figure 5 indicates that 106 or 71 percent of the organizations surveyed had over 75 percent of their members in Northern Alberta. These figures do not include First Nations and Métis Settlements. In consultation with the Traditional Knowledge Component, it was decided that all Aboriginal people belonging to a Northern Alberta community have a vested interest in the northern river basins whether or not they are currently living in the area.

**Figure 5: Proportion of Stakeholder Members Living North of Edmonton**



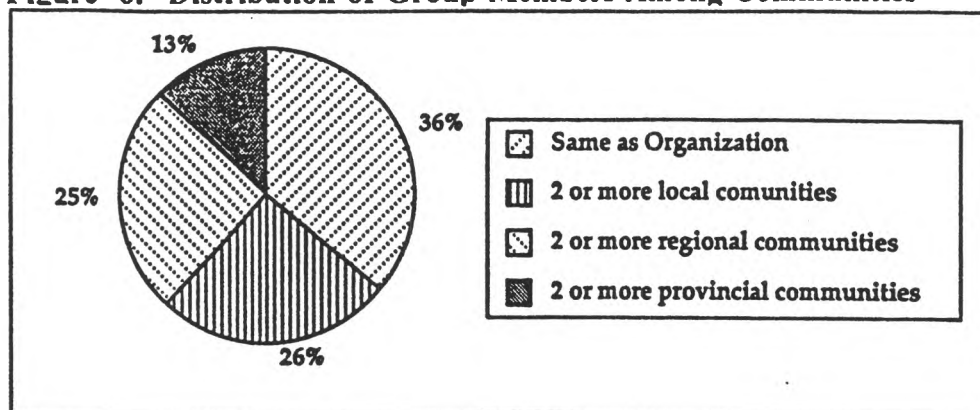
Organizations who have 25 percent or less of their members based in Northern Alberta were the second largest category. This reflects the observation that organizations that are provincial in scope have relatively few members in rural Northern Alberta.

### *Location of Communities of Organizations Northern Membership*

The collation of responses to a query about the communities in which the stakeholder group members live indicated that 62 percent of the members belonging to stakeholder groups lived either in the same community as the main contact for the organization or in a near by local community.<sup>4</sup>

---

<sup>4</sup> For the purpose of this report communities were defined as regional if they were further than 70 kilometres distance from one another.

**Figure 6: Distribution of Group Members Among Communities**

Of significance in planning workshops, only 38 percent of organizations have members spread out in other regional or provincial communities.<sup>5</sup>

### 3.3 Use of River Basins by Stakeholders

To ensure that a cross section of stakeholder groups were surveyed, respondents were asked how their organization uses the northern rivers. Table 2 shows that 87.2 percent of the organizations surveyed indicated that their members use the Peace, Athabasca and Slave River systems while 6.4 percent reported that their members do not use the river.

**Table 2: River Use by Organization Type**

	Aboriginal	Agriculture	Commercial	Comm Assoc	Environ	Recreation	River Transp	% of Total
Used River	74	17	33	6	44	70	1	87.2
Did Not Use River	2	1	2	3	2	1		6.4
No Comment	6	2			1	2		6.4

Table 3 provides a summary of the way in which members of organizations reported using the Peace, Athabasca and Slave River Systems. Many groups used the rivers for several different or related purposes and all responses are included in the table.

<sup>5</sup> For the purpose of this report communities were defined as regional if they were further than 70 kilometres distance from one another.

**Table 3: Types of River Use by Organization**

	Aboriginal	Agriculture	Commercial	Comm Assoc	Environ	Recreation	River Transp	% of Total
Recreation	14	3	8	1	24	31		52
Hunting & Fishing	25	1	6	4	12	29		51.3
River Transport	11		8			9	1	19.3
Trapping	11		10		1			14.7
Agriculture	3	12		1	1			11.3
Drinking Water	4	1			4	1		6.7
Cultural	5		1					4.0
Enjoyment					2			1.3
Logging	1							.6
Total	74	17	33	6	44	70	1	

Overall, five major uses stand out as indicative of river use of stakeholder organizations. Recreational use and hunting and fishing were by far the most common river uses each being reported by over 50 percent of the respondents. Trapping (14.7), river transportation (19.3), and agriculture (11.3) were the next most common activities and were similar in that all three related to livelihood rather than leisure activities. The remaining four categories garnered less than 15 responses each. Another 11 respondents indicated that their organization did not use the three northern river systems while a similar number did not answer the question.

### 3.4 Observed Change in Water Quantity and Water Quality

Respondents were asked in an open format if members of their organizations have noticed changes in water quality or quantity in the last ten years. The comments were then grouped in five broad categories. Table 4 below categorizes the comments by the different organizational groups about the changes they have observed.

**Table 4: Observed Change in Water Quantity and Water Quality**

	Aboriginal	Agriculture	Commercial	Comm Assoc	Environ	Recreation	River Transp	% of Total
Change in water flows	21	6	10	3	10	24		58.3
Increase in pollutants	14	4	9	1	8	16		40.9
Decline in fish/wildlife	13		8	1	9	6		29.1
Decrease in clarity	9		6	1	9	11		28.3
Change in drinking	14	1	3	1	3	6		22.0
Total	71	11	36	7	39	63	1	

Change in water flow was the most commonly mentioned observation. This category included observations about water level declines or increases and changes due to natural causes such as weather conditions. The second most frequent observation was the increased pollution levels. This general category included comments concerning visible pollution and observations about increased toxin levels in the river systems. Observed declines in fish and wildlife was the third most common observed change in the river system. Comments in this category included observations about the decline of fish species, the smaller size of remaining fish stock and the decreased quality of edible fish. A fair amount of consistency between organizational types is evident, although Aboriginal organizations more frequently reported observing changes in the quality of drinking water.

### 3.5 Water Management and Water Use Concerns of Stakeholders

Table 5 details water management issues by the type of organization.

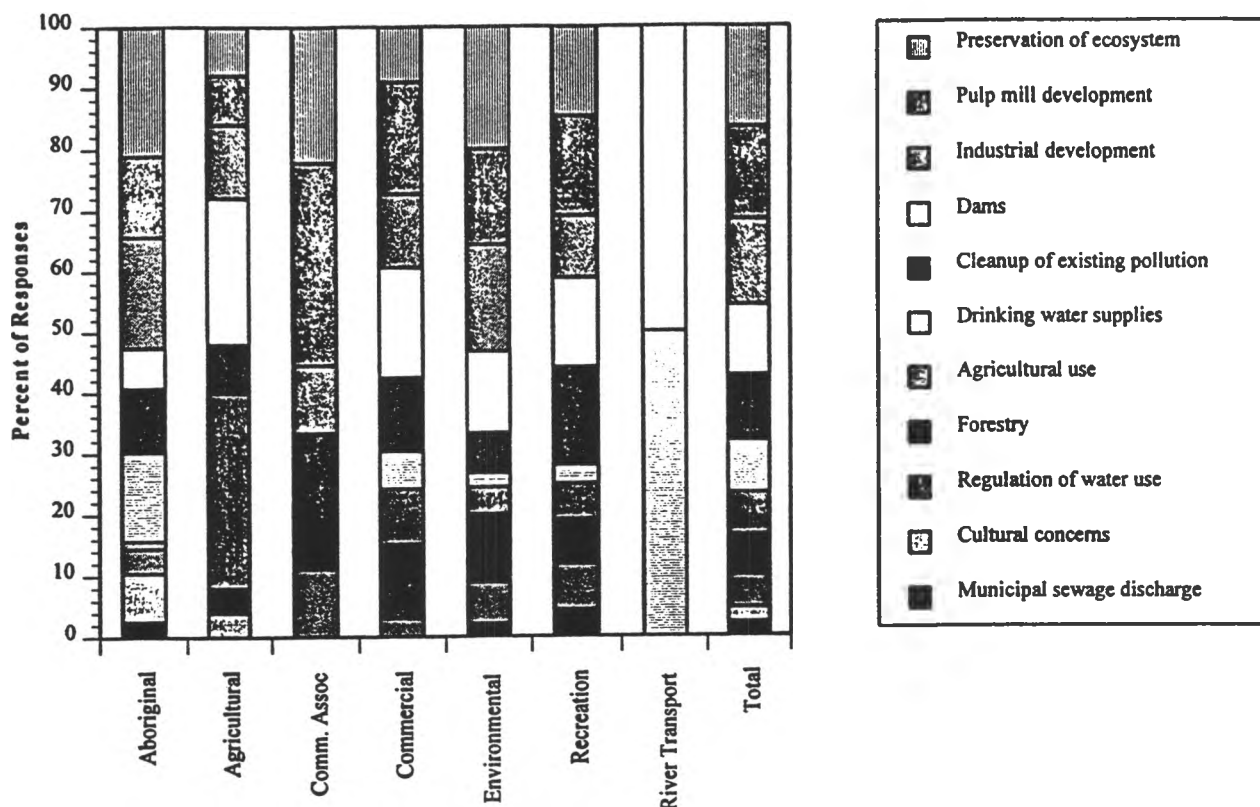
**Table 5: Water Management and Water Use Concerns of Stakeholders**

	Aboriginal	Agriculture	Comm Assoc	Commercial	Environ	Recreation	River Transp	% of Total <sup>6</sup>
Preservation of ecosystems	16	2	2	3	9	10	1	28.9
Pulp mill development	10	2	3	6	7	11		26.2
Industrial development	14	3	1	4	8	7		24.8
Dams	5	2		6	6	10	1	20.1
Clean existing pollution	8	2		4	3	11		18
Drinking water supplies	11	6		2	1	2		14.8
Agricultural use	1	8		3	2	4		12.1
Forestry		1	2	4	5	5		11.4
Regulation of water use	3	1	1	1	3	5		9.4
Cultural concerns	6							4.0
Munic. sewage discharge	2				1	3		3.5

Preservation of the Northern River Basin Ecosystem was the most commonly mentioned water management concern (28.9 percent of responses). Pulp mill (26.2 percent) and industrial development (24.8 percent) were the next most frequently mentioned issues and, in combination indicate that industrial development generally may be the primary water management concern. The regulation of water flow through the Bennett dam and the potential for other dams on Northern rivers was mentioned as a water management concern by 20.1 percent of all respondents.

Figure 7 shows the distribution of concerns within organizational groups.

<sup>6</sup> The 'percent of Total' column represents the total number of responses to a particular issue divided by the 149 survey respondents.

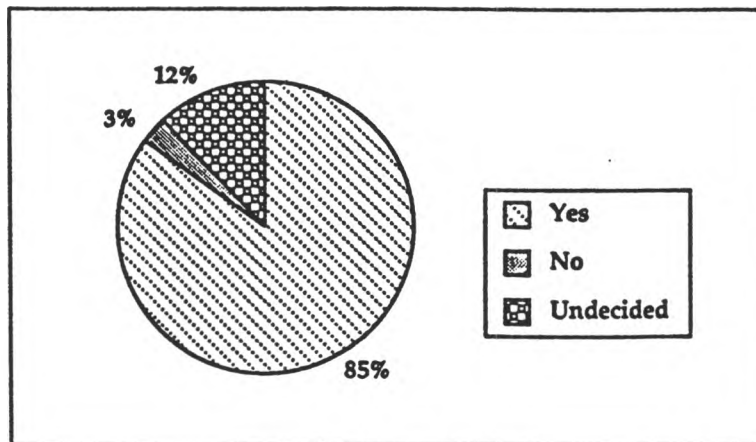
**Figure 7: Distribution of Concerns By Organizational Group**

This figure shows that recreational, Aboriginal and environmental groups have three areas of concern in common: preservation of ecosystems, pulp mill development and industrial development. However, Aboriginal groups are also concerned about drinking water supplies and clean-up of existing pollution.

### 3.6 Preference of Organizations to Attend the NRBS Workshops

One of the objectives of the survey was to determine stakeholder interest in workshops that could be used to collect more detailed information about use of the rivers in the study area by stakeholder groups. As can be seen in Figure 8, there was an overwhelming support by organizations to attend a NRBS workshop. Only three percent of respondents said that their group would be unwilling to attend the workshop. Most of the 12 percent of undecided respondents said they would make a decision based on the workshop agenda.

**Figure 8: Willingness of Organizations to Attend NRBS Workshops**



A comparison of these overall results to each of the organization categories revealed a similar response rate among all the categories except the commercial organizations. Only 80 percent of commercial organizations indicated they would attend the workshops, eight percent indicated they would not and 12 percent said they were undecided.

### **3.7 Preference of Workshop Location**

Respondents were asked "In which communities do you think workshops should be held for your region?" They had the opportunity to list one or more communities. The communities listed in Table 6 were identified by five or more respondents as their preferred location for a NRBS workshop. In total 55 communities were identified and the most commonly-mentioned responses are listed in Table 6.

**Table 6: Preference of Workshop Location**

Community	# of Responses
Peace River	33
Grande Prairie	20
Athabasca	20
Fort McMurray	19
Edmonton	19
Fort Chipewyan	13
Fort Smith	13
Fort Vermilion	12
Lac La Biche	9
Fairview	6
Whitecourt	6
Hay River	5
High Level	5
High Prairie	5
Slave Lake	5
Fort MacKay	5
Other communities	63
Total	238

The results show a clear preference for workshops in the larger centres in Northern Alberta and in Edmonton. Some representatives of Aboriginal stakeholder groups felt that meetings should be held in Aboriginal communities. However, 39 communities in the 'other communities' category garnered 63 of the 238 responses (25 percent) which indicates that there is a significant demand for workshops to be held in smaller communities. This was confirmed by individual comments that participation from smaller centres would be far higher if workshops were held outside the larger centres.

### **3.8 Preferred Day, Time and Duration of Workshops**

Respondents were asked in an open format to indicate the day of week, the time of day and the length of time that would be most convenient for a workshop. This section examines these preferences in turn.

#### *Day Preference*

Table 7 indicates a wide range of preferences on the best day of the week to hold the workshops<sup>7</sup>. Furthermore, there are significant differences in the preferences according to the category of the stakeholder organizations.

---

<sup>7</sup> Note that some respondents made several suggestions and all this information is presented in Table 6.

**Table 7: Day of the Week Preference**

	Aboriginal	Agriculture	Comm Assoc	Commercial	Environmental	Recreation	River Transport	% of Total <sup>8</sup>
Monday	3	3		4		3		7.6
Tuesday	8	1	2	2		5		10.5
Wednesday	12	1	3		2	6		13.6
Thursday	8	1	3	1		2		8.7
Friday	2	1	2	4		2		6.4
Saturday			2	2	4	3		6.4
Sunday		1				2		1.7
Weekend	2	1	1		12	15		18.0
Weekday	10	4	2	5	8	9		22.1
Anytime	10	8		7	4	4	1	19.8
Did not specify								0
Total	55	21	15	25	30	51	1	

Aboriginal, Agriculture and Commercial groups and Associations generally preferred weekdays to weekends. Moreover, they clearly favoured midweek to Monday or Friday. Conversely Environmental and Recreation groups opted for a weekend workshop.

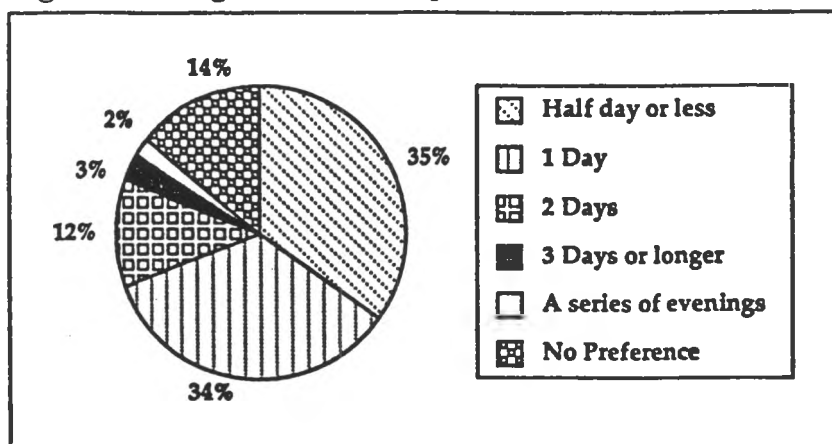
#### *Time Preference*

Thirty six percent of the respondents preferred evening workshops. Respondents commented that evenings made workshops more accessible to more people. The second choice of 30 percent of the respondents was mornings followed by afternoons (19 percent). Fifteen percent of respondents had no real preference.

#### *Preferred Length of Time for a NRBS Workshop*

The results shown in Figure 9 indicate that respondents preferred shorter rather than longer workshops.

<sup>8</sup> The '% of Total' column represents the total number of responses to a particular issue divided by the 172 survey respondents.

**Figure 9: Length of Workshop Preference**

Sixty nine percent of respondents indicated that they would favour a workshop that did not last longer than one day. Of that group more than half said they prefer that the workshop does not last longer than four hours. Only 17 percent indicated they want a workshop that lasts longer than a day, and 14 percent said they have no preference as to the length of the workshop.

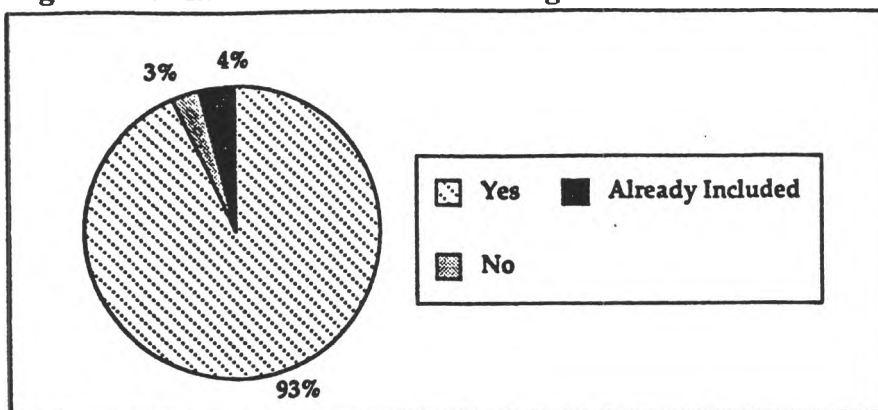
Aboriginal groups were more likely to expect the workshops to last a few days. Some respondents suggested that the workshops should last as long as it take for the information to be out on the table. Another organization suggested the workshop be held over two days. The second day should be for questions and discussion after the information has had time to sink in. Another organization voiced the same concern and suggested the workshop be held over two or more evenings.

In addition to the responses summarized above, a number of organizations made unsolicited comments about appropriate time for the workshops. Agricultural groups suggested workshops should be held in October after the crops were harvested. Conversely a number of Trappers Associations recommended the workshops be held before the start of the trapping season in early October.

### **3.9 Request for Inclusion in the NRBS Mailing List**

When asked if they would like their stakeholder group placed on the NRBS mailing list, only 4 percent of respondents indicated that their groups were already on the NRBS mailing list. However, as noted in Figure 10, 93 percent said they would like to be put on the mailing list.

**Figure 10: Inclusion in NRBS Mailing List**



Generally, most respondents appeared to have little in-depth understanding about the activities of the NRBS. However, the high degree of interest in learning more about the study is demonstrated by the percentage of representative of stakeholder groups asking for their groups to be placed on the mailing list.

## **4.0 CONCLUSIONS AND RECOMMENDATIONS**

The conclusions and recommendations of this study represent an analysis of the quantitative data, qualitative understanding obtained through the study process and the study team's consultation with the Other Uses component Group Project Liaison Officer. The conclusions and recommendations primarily address workshop design and stakeholder information needs.

### **4.1 Dissemination of Information to Stakeholder Groups**

The Study Office should review the effectiveness of current initiatives to keep stakeholder groups informed about Study activities. The information in Figure 9 indicates that stakeholder groups do not appear to be receiving information about the Study and reasons for this should be identified. Additional activities that could be used to improve communications with stakeholder groups would be to contact all groups to thank them for their participation in the telephone survey, to provide more information on future data-collection activities, and to provide them with recent NRBS reports and/or newsletters.

### **4.2 Number of Workshops**

Eight workshops, rather than six should be held in Edmonton and Northern Alberta. Survey stakeholders indicated a strong preference for the workshops to be held in local areas. Although it is unrealistic to provide workshops in each of the 55 locations identified by survey respondents, participation in future workshops will depend on holding them in as many communities as time and

resources allow. Given the cost of workshops, an alternative approach for collecting information from stakeholder groups may be advisable if representatives from all groups are to be given an equal chance to participate in future aspects of the study. This approach would be to send questionnaires to all stakeholder groups and allow them to provide more detailed information if they think it is important. Should such an approach be used, it will be important to provide them with background information on the Northern River Basin Study and explain how this information would be used (see Section 4.8 below).

#### **4.3 Location of Workshops**

The eight workshops should be held in the communities of: Peace River, Grande Prairie, Athabasca, Fort McMurray, Edmonton, Fort Chipewyan, Fort Smith and Fort Vermilion. The communities list represent the most common locations recommended by surveyed stakeholders. Furthermore, these sites represent all the major geographic locations in the Northern River Basin Study Area and should be readily accessible to all stakeholder organizations with the possible exception of the groups in the upper Athabasca River basin. Respondents representing stakeholder groups preferred Fort Vermilion over High Level by a rate of 2: 1.

#### **4.4 Invitations to Workshops**

The NRBS should extend an invitation to attend the workshops to all stakeholders who indicated they would come to a workshop or who were undecided, along with those stakeholder organizations that could not be contacted during the survey. The only organizations who need not be invited would be those groups who stated on the survey that they would not attend a workshop and organizations that stated they did not want to participate in the survey. Two hundred and forty-five organizations would receive invitations to attend the eight workshops. Assuming an attendance rate of 80 percent, 196 organizations could be expected to show up. If eight workshops were held, attendance would average 25 people at each workshop.

#### **4.5 Workshop Agenda**

An agenda for the workshop and an information package about the issues that will be discussed at workshops should be mailed to stakeholder organizations in advance of requesting their participation at the workshop. A frequent comment made by stakeholders to the question of whether they would participate in a workshop was that they would have to be given a lot more information and the time to review it before they would commit to attending the workshop. This comment was made by both respondents who answered yes as well as undecided to the question whether or not they would attend a water management workshop. One umbrella organization said they required information about the workshops as soon as possible so they could ensure the participation of their local chapters. Another agricultural organization asked for workshop information by August to distribute to its members so that they could discuss and agreed upon issued prior to the workshop.

#### **4.6 Length of Workshops**

The workshops should be a total of eight hours or less in length. The majority of those surveyed agree that the workshops should be less than one day in length. There was a considerable range in opinion with many expressing the view that to really debate the issues a 2 - 3 day workshop is necessary.

#### **4.7 Timing of Workshops**

The workshops in Northern Alberta should be held during the middle of the week and should consist of two evening sessions. The Edmonton workshop should be held on a Saturday morning. Stakeholders were divided about when workshops should be held. Aboriginal, agriculture and community groups preferred mid week. Environmental groups preferred weekends. Recreation groups were mixed. However, the above suggestion is based on overall preferences.

#### **4.8 Use of Workshop Information**

The NRBS should provide the stakeholders with details about how the information from the workshops will be used. Six stakeholders identified concerns that there are few details about how the information from the workshop will benefit their organizations in terms of addressing water management issues and water resource regulation. The NRBS should include at the top of its workshop agenda an indication of what actions will result from both the workshop and the overall finding of the Northern River Basin Study.

## APPENDIX 1 Terms of Reference

### I. BACKGROUND AND OBJECTIVES

The Northern River Basins Study (NRBS) is a joint project between the governments of Canada, Alberta and the Northwest Territories that commenced in September of 1991. The purpose of the NRBS is "to characterize the cumulative effects of development on the water and aquatic environment of the Study areas by coordinating with existing programs and undertaking appropriate new technical studies". To undertake this study, a Study Board, Study Office and Science Advisory Committee were created. The study area includes the mainstems and main tributaries of the Peace, Athabasca and Slave rivers.

The Study Board developed a vision statement to provide overall guidance for the various technical activities being conducted in support of the study and also identified 16 questions that serve to focus study activities. One of these questions is:

- #3. Who are the stakeholders and what are the consumptive and non-consumptive uses of the water resources in the river basins?

Nine technical groups have since been established to address these 16 questions and the Other Uses Working Group is primarily responsible for developing and undertaking research and investigations related to the use of water resources. This groups is working in close association with the Traditional Knowledge Working Group, which is responsible for collecting information on resource use and values of indigenous people and long-time residents.

In 1993/94, the Other Uses Working Group hired a consultant to undertake an initial analysis of existing stakeholder groups in the study area. This study identified some 290 stakeholder groups and suggested that the most effective way of collecting data on the use of the rivers and associated aquatic resources would be through a series of regional workshops with appropriate stakeholder groups. Before such workshops can be undertaken it is necessary to screen these stakeholder groups to determine whether they still exist, the extent to which they use the aquatic resources of the basin, and the number and location of group members. The location and timing of stakeholder workshops will then be based on the results of the screening program.

### II. REQUIREMENTS

1. The consultant will develop a draft screening questionnaire to be used to determine sufficient information about stakeholder groups to assess whether they ought to be included in subsequent workshops. This questionnaire will be reviewed the leader of the Other Uses Working Group prior to implementation.

2. The consultant will review the list of stakeholders and, with the assistance of both the Other Uses and Traditional Knowledge working groups, will identify those groups that are not yet part of any ongoing studies.
3. The consultant will contact as many of the stakeholder groups as possible and administer the questionnaire. The results of the questionnaire should be entered in a computer data base for subsequent analysis by the Other Use Working Group.
4. The consultant will undertake sufficient analysis of the results to identify which stakeholder groups ought to be included in the subsequent workshops, and recommend locations for six to eight workshops.
5. The consultant will provide a brief report which summarizes the results of this project and provides an assessment of the validity of the sample results in terms of response rates and potential errors or omissions.

#### Schedule

This study must be completed by June 30, 1994 and will commence in mid May once the consultant has been selected. It is expected that the inventory of data would require approximately one month while the data review and preparation would require the remaining two months.

There will need to be one meeting in Edmonton in mid May so that the draft questionnaire can be reviewed and the stakeholder list can be screened.

#### III. REPORTING REQUIREMENTS

- 1) The Contractor is to provide draft and final reports in the style and format outlined in the NRBS Style Manual. A copy of the Style Manual entitled "A Guide for the Preparation of Reports" will be supplied to the contractor by the NRBS.
- 2) Ten copies of the Draft Report along with an electronic disk copy are to be submitted to the Project Liaison Officer by June 30, 1994. Three weeks after the receipt of review comments on the draft report, the Contractor is to provide the Project Liaison Officer with two unbound, camera ready copies and ten cerlox bound copies of the final report along with an electronic version.

- 3) The final report is to include the following: an acknowledgement section that indicates any local involvement in the project, Project Summary, Table of Contents, List of Tables, List of Figures and an Appendix with the Terms of Reference for this project.

Text for the report should be set up in the following format:

- a) Times Roman 12 point (Pro) or Times New Roman (WPWIN60) font.
  - b) Margins: are 1" at top and bottom, 7/8" on left and right.
  - c) Headings: in the report body are labelled with hierarchical decimal Arabic numbers.
  - d) Text: is presented with full justification: that is, the text aligns on both left and right margins.
  - e) Page numbers: are Arabic numerals for the body of the report, centred at the bottom of each page and bold.
- If photographs are to be included in the report text they should be high contrast black and white.
  - All tables and figures in the report should be clearly reproducible by a black and white photocopier.
  - Along with copies of the final report, the Contractor is to supply an electronic version of the report in Word Perfect 5.1 or Word Perfect for Windows Version 6.0 format.
  - Electronic copies of tables, figures and data appendices in the report are also to be submitted to the Project Liaison Officer along with the final report. These should be submitted in a spreadsheet (Quattro Pro preferred, but also Excel or Lotus) or database (dBase IV) format. Where appropriate, data in tables, figures and appendices should be geo-referenced.
- 4) All figures and maps are to be delivered in both hard copy (paper) and digital formats. Acceptable formats include: DXF, uncompressed E00, VEC/VEH, Atlas and ISIF. All digital maps must be properly geo-referenced.
- 5) All sampling locations presented in report and electronic format should be geo-referenced. This is to include decimal latitudes and longitudes (to six decimal places) and UTM coordinates. The first field for decimal latitudes / longitudes should be latitudes (10 spaces wide). The second field should be longitude (11 spaces wide).

#### IV. CONTRACT ADMINISTRATION

The Project Liaison Officer for this project is:

John Thompson  
Alberta Environmental Protection  
Bus. Phone: (403) 427-8995  
Fax: (403) 422-4190

OR

James Choles  
Office of the Science Director  
Northern River Basins Study  
690 Standard Life Centre  
10405 Jasper Avenue  
Edmonton, Alberta T5J 3N4  
Home Phone: (403) 455-4812  
Bus. Phone: (403) 427-1742  
Fax: (403) 422-3055

This project has been proposed by the Other River Uses Component of the NRBS. The Component Leader is:

Bruce MacLock  
Director, Planning Division  
Water Resources Management Services  
Alberta Environment  
9th Floor, Oxbridge Place  
Edmonton, Alberta T5K 2J6  
Phone: (403) 427-2371  
Fax: (403) 422-4190

**APPENDIX 2 Standard Survey Questionnaire**

Hello, my name is \_\_\_\_\_. I work for the South Slave

---

**Survey Number:** \_\_\_\_\_

**Name of Organization:** \_\_\_\_\_

\_\_\_\_\_

**Region:** \_\_\_\_\_

**Phone number:** \_\_\_\_\_

**Contact Person:** \_\_\_\_\_ **Title:** \_\_\_\_\_

**Date of Interview:** 94/06/\_\_\_\_ **Interviewer:** \_\_\_\_\_

**Organization Type:** \_\_\_\_\_

**If no:** Could I call you back at a more convenient time?

**Yes** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_ **No** \_\_\_\_\_

Is there someone else I should contact instead?

---

Research Centre in Fort Smith and I am phoning to conduct a survey on behalf of the Northern River Basins Study.

Are you familiar with the Northern River Basin Study? (If Yes, go to b), If No, go to a))

- a) The Northern River Basins Study is a four year study of the effect of development on the Peace, Athabasca, and Slave rivers.
- b) One objective of the study is to identify how different organizations use water resources in their area. We are now phoning different organizations to get information about how they use Northern rivers. The results of the survey will be used to plan a series of water resource workshops this fall. We are wondering if you could answer some brief questions on behalf of your organization.

- 1) What is the purpose of your organization, in terms of your aims and interests?

---

---

---

---

- 2) Who are your members, could you describe a typical member?

---

---

- 3) Approximately how many members are there in (give name of organization)? \_\_\_\_\_

- 4) Would you estimate the percentage of your members that live North of Edmonton are: less than 25%, 25-50% 50-75% or greater than 75%?

- 5) Of your members that live in Northern Alberta, or the NWT, in which communities do they live?

---

- 6) Do the members of (give name of organization) use the Peace, Athabasca or Slave river systems? If yes, what types of uses and how frequently?

---

- 7) Have you or any of the members of your organization noticed a change in water quantity or water quality over the last 10 years? If yes, what kind of change?

---

---

- 8) Do you, or does your organization, have any concerns about water management and water use in the Northern River Basins? If yes, could you please briefly describe them.

---

---

---

---

---

---

- 9) We think organizations such as yours can provide a lot of useful information about our northern rivers. We are planning to hold workshops in the fall where we can learn more about how you use rivers and what water management issues are important to you.

Would you, or another representative from your group, be interested in participating in a workshops like this?

Yes \_\_\_\_ No \_\_\_\_ Undecided \_\_\_\_

- 10) In which communities do you think workshops should be held for your region? \_\_\_\_\_
- 11) What day of the week would be most convenient for you to attend a regional workshop? \_\_\_\_\_
- 12) What would be the best time of day to hold the workshop?

\_\_\_\_\_  
(Ask about morning, afternoon, or evening??)

- 13) How long do you think the workshop should be?

\_\_\_\_\_  
(Ask if 2 hrs, half day, full day, two day or longer?)

- 14) Can you think of any other organizations that would be interested in attending this type of workshop. If so do you know how we could contact them?

---

---

---

- 15) Would you like your organization to be added to the Northern River Basins Study mailing list?

Yes\_\_\_\_ No\_\_\_\_

- 16) What is your organization's current mailing address, postal code, and fax number?

---

---

Thank you very much for your time and cooperation.

### APPENDIX 3 First Nations and Métis Settlement Questionnaire

Survey Number: \_\_\_\_\_

Name of Organization: \_\_\_\_\_

Region: \_\_\_\_\_

Phone number: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_

Date of Interview: 94/06/\_\_\_\_ Interviewer: \_\_\_\_\_

Organization Type: \_\_\_\_\_

If no: Could I call you back at a more convenient time?

Yes \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ No \_\_\_\_\_

Is there someone else I should contact instead?

Hello, my name is \_\_\_\_\_. I work for the South Slave Research Centre in Fort Smith and I am phoning on behalf of the Northern River Basins Study.

Are you familiar with the Northern River Basin Study? (If Yes, go to b), If No, go to a))

- a) The Northern River Basins Study is a four year study of the effect of development on the Peace, Athabasca, and Slave rivers.
- b) One objective of the study is to identify how different organizations and Aboriginal groups use water resources in their area. We have developed a list of organizations with interest in northern rivers. These include recreation, commercial, Native environmental and agriculture groups. We are phoning to inquire about the number and interest of

Band/Settlement members and their general interest in water use and the river system. The results of the survey will be used to plan a series of water resource workshops this fall. We are wondering if you could answer some brief questions on behalf of your Band/Métis Settlement.

- 1) What activities is your Band involved in with respect to water use?

---

---

---

---

- 2) Approximately how many members are there in (give name of Band/Métis Settlement)? \_\_\_\_\_

- 3) Do the members of (give name of Band/Métis Settlement) use the Peace, Athabasca or Slave river systems? If yes, what types of uses and how frequently?

---

---

---

---

- 4) Have you or any of the members of your Band/Métis Settlement noticed a change in water quantity or water quality over the last 10 years? If yes, what kind of change?

---

---

---

---

---

- 5) Do you, or does your Band/Métis Settlement, have any concerns about water management and water use in the Northern River Basins? If yes, could you please briefly describe them.

---

---

---

---

---

---

- 6) We think organizations such as yours can provide a lot of useful information about our northern rivers. We are planning to hold workshops in the fall where we can learn more about how you use rivers and what water management issues are important to you.

Would you, or another representative from your group, be interested in participating in a workshops like this?

Yes \_\_\_\_ No \_\_\_\_ Undecided \_\_\_\_

- 7) In which communities do you think workshops should be held for your region? \_\_\_\_\_
- 8) What day of the week would be most convenient for you to attend a regional workshop? \_\_\_\_\_
- 9) What would be the best time of day to hold the workshop?

\_\_\_\_\_  
(Ask about morning, afternoon, or evening??)

- 10) How long do you think the workshop should be?

\_\_\_\_\_  
(Ask if 2 hrs, half day, full day, two day or longer?)

- 11) Can you think of any other organizations that would be interested in attending this type of workshop. If so do you know how we could contact them?

---

---

---

- 12) Would you like your organization to be added to the Northern River Basins Study mailing list?

Yes\_\_\_\_ No\_\_\_\_

- 13) What is your organization's current mailing address, postal code, and fax number?

---

---

Thank you very much for your time and cooperation.

## **APPENDIX 4 List of Coding Categories**

### **1) Goals of Organization**

#### ***Consumptive Use Advocacy:***

- 1a) Trapping
- 1b) Agriculture
- 1c) Hunting and/or Fishing

#### ***Non Consumptive Use Advocacy:***

- 1d) Environment
- 1e) Recreation
- 1f) Natural History/Education Groups
- 1g) Cultural

#### ***Commercial:***

- 1h) Tourism
- 1i) Outfitting
- 1j) River Transportation
- 1k) Fishing

#### ***Political Organizations:***

- 1l) Metis Settlements and Associations
- 1m) Community Associations
- 1n) First Nations
- 1o) Economic Development

### **2) Who Are Your Members?**

- 2a) local community
- 2b) regional community
- 2c) provincial community
- 2d) professional body
- 2e) Band or Metis members
- 2f) Hutterite members

### **3) Approximately How Many Members Are in Organization?**

\*Where they give a range, use the arithmetic mean

### **4) % of Members That Live North of Edmonton**

- 4a) 0-25
- 4b) 25-50
- 4c) 50-75
- 4d) 75-100

**5) In Which Northern Alberta Communities Do Most Members Live?**

- 5a) same as organization location
- 5b) 2 or more local communities
- 5c) 2 or more regional communities
- 5d) 2 or more provincial communities
- 5e) 1 community different from organization location

**6) Types of River Use**

***Consumptive***

- 6a) trapping
- 6b) hunting & fishing
- 6c) agriculture
- 6d) drinking water
- 6e) logging
- 6f) enjoyment

***Non-consumptive***

- 6g) river transportation
- 6h) recreation
- 6i) cultural

- 6j) did not use river
- 6k) no comment

**7) Observed Change In Water Quantity and Water Quality**

- 7a) increase in pollutants
- 7b) decrease water clarity, increase silt in water
- 7c) decline in size and quality of fish stocks, decline in wildlife
- 7d) less appealing smell and/or taste of drinking water
- 7e) change in water flows
- 7f) no observed change
- 7g) no comment

**8) Water Management and Water Use Concerns**

- 8a) Industrial Development
- 8b) Agricultural Use
- 8c) Forestry
- 8d) Pulp Mill Development
- 8e) Clean up of Existing Pollution
- 8f) Preservation of River Basin Ecosystems
- 8g) Dams
- 8h) Drinking Water Supplies

- 8i) Cultural Concerns
- 8j) Regulation of Water Use
- 8k) No comment
- 8l) Municipal sewage discharge
  
- 9) Interest in Attending Workshop**
  - 9a) yes
  - 9b) no
  - 9c) undecided
  
- 10) In Which Communities Should Workshops Be Held?**  
List communities by name
  
- 11) What Day of the Week Should Workshops Be Held?**
  - 11a) Monday
  - 11b) Tuesday
  - 11c) Wednesday
  - 11d) Thursday
  - 11e) Friday
  - 11f) Saturday
  - 11g) Sunday
  - 11h) Weekend
  - 11i) Weekday
  - 11j) Anytime
  - 11k) Did not specify
  
- 12) What Time of Day?**
  - 12a) Morning
  - 12b) Afternoon
  - 12c) Evening
  - 12d) No Preference
  - 12e) Depends on length of Workshop
  
- 13) How Long Should The Workshops Be?**
  - 13a) half day or less
  - 13b) 1 day
  - 13c) 2 days
  - 13d) 3 days or longer
  - 13e) a series of evenings
  - 13f) no preference

**15) NRBS Mailing List**

15a) yes

15b) no

15c) already included

## APPENDIX 5 List of Stakeholder Groups in the Survey Sample (by category)

## Aboriginal Organizations:

<b>Advisory Council of Treaty Women</b> Veronica P.O. Box 34 RR#1 Site 2 Winterburn AB T0E 2N0 Tele: 470-0950h Fax: 470-3380 ABOR Survey: X	<b>Alberta Aboriginal Womens Society</b> Ruth Kidder Vice President 9423 84 Ave Peace River AB T8S 1G1 Tele: Fax: 624-3477 ABOR Survey: X
<b>Alberta Metis Women</b> Sheila Genaille President 13140 St. Albert Trail Edmonton AB T5L 4R8 Tele: 455-2200 Fax: 452-8946 ABOR Survey: X	<b>Athabasca Chipewyan Band</b> Tony Mercredi Chief Box 366 Fort Chipewyan AB T0P 1B0 Tele: 697-3730 Fax: 697-3500 ABOR Survey:
<b>Athabasca Native Dev. Corp.</b> Mike Mercredi Suite 209 9714 Main Street Ft. McMurray AB T9H 1T6 Tele: 791-6541 Fax: 791-6576 ABOR Survey: X	<b>Athabasca Native Friendship Centre</b> Sharon Belcourt President P.O. Box 1770 Athabasca AB T0G 0B0 Tele: 675-3086 Fax: 675-3086 ABOR Survey:
<b>Beaver First Nations</b> Harvey Bulldog Chief Box 270 High Level AB T0A 2C0 Tele: 927-3544 Fax: 927-3496 ABOR Survey:	<b>Beaver Lake Band</b> Alphonse Lameman Chief Box 960 La la Biche AB T0A 2C0 Tele: 623-4549 Fax: 623-4523 ABOR Survey: X
<b>Bonnyville Canadian Native Friendship Centre</b> Dorothy Scanie Executive Dir. P.O. Box 5399 Bonnyville AB T9N 2G5 Tele: 826-3374 Fax: 826-2540 ABOR Survey:	<b>Cold Lake First Nations</b> Baptiste Blackman Chief Box 1769 Grande Centre AB T0A 1T0 Tele: 594-7183 Fax: 594-3577 ABOR Survey: X
<b>Dene Tha' Band</b> Harry Chonkolay Chief Box 120 Chatch AB T0H 0S0 Tele: 926-3887 Fax: 321-3886 ABOR Survey:	<b>Deninu K'ue First Nation</b> Jim Reilly Environment Co- Box 1899 Fort Resolution NT X0E 0M0 Tele: 394-4335 Fax: 394-5122 ABOR Survey: X

## Aboriginal Organizations cont.:

<b>Driftpile Band</b> Clifford Freeman                      Chief General Delivery                      Driftpile AB      TOG 0V0 Tele: 355-3668    Fax: 355-3650    ABOR    Survey:	<b>Fort Fitz-Gerald Dene Band</b> Magoloire Paulette                      Chief Box 1470                                      Fort Smith NT      XOE 0P0 Tele: 872-3178    Fax: 872-3345    ABOR    Survey: X
<b>Fort McKay Band</b> Mel Granjambe                      Chief Box 5360                                      Fort McMurray AB      T9H 4W1 Tele: 828-4220    Fax: 828-4393    ABOR    Survey:	<b>Fort McMurray First Nation</b> Bernice Cree                                      Chief Box 6130                                      Fort McMurray AB      T9H 4W1 Tele: 334-2446    Fax: 334-2457    ABOR    Survey:
<b>Fort McMurray Metis Nation 1935</b> Carl Frank Box 6181                                      Fort McMurray AB      T9H 4W1 Tele: 743-2659    Fax: 743-0530    ABOR    Survey: X	<b>Fort Smith Native Band</b> Jerry Paulette                                      Chief Box 960                                      Fort Smith NT      XOE 0P0 Tele: 872-2986    Fax: 872-3550    ABOR    Survey: X
<b>Grand Centre Canadian Native Friendship Centre</b> August Collins                                      Executive Dir. Box 1978                                      Grande Centre AB      TOA 1T0 Tele: 594-7526    Fax: 594-7360    ABOR    Survey: X	<b>Grande Council of Treaty 8 First Nations</b> Tony Merecredi                                      Grand Chief 1050-10060 Jasper Ave.                      Edmonton AB      T5J 3R8 Tele: 424-8504    Fax: 424-8614    ABOR    Survey:
<b>Grande Prairie Friendship Centre</b> Richard Flett                                      Executive Dir. 10507 98 Ave                                      Grande Prairie AB      T8V 4L1 Tele: 532-5722    Fax: 539-5121    ABOR    Survey: X	<b>Grouard Band</b> Frank Halcrow                                      Chief General Delivery                                      Grouard AB      TOG 1C0 Tele: 751-3800    Fax: 751-3864    ABOR    Survey:
<b>Hay River Dene Band</b> Pat Marel                                      Chief Box 38                                      Hay River NT      XOE 0R0 Tele: 874-6701    Fax: 874-3229    ABOR    Survey: X	<b>High Level Native Friendship Centre</b> Bernadette Harris                                      Executive Dir. Box 1735                                      High Level AB      TOH 1Z0 Tele: 926-3355    Fax: 926-2038    ABOR    Survey: X

## Aboriginal Organizations cont.:

<b>High Level Tribal Council</b> Bernard Meneen                      Chairman Box 1889                                      High Level AB      TOH 1Z0 Tele: 926-3446    Fax: 926-4075    ABOR    Survey: X	<b>High Prairie Native Friendship Centre</b> Fred Campiou                      Executive Dir. Box 1448                                      High Prairie AB      TOG 1E0 Tele: 523-4511    Fax: 523-3055    ABOR    Survey: X
<b>Horse Lake Band</b> Robert Horseman                      Chief Box 303                                      Hythe AB      TOH 2C0 Tele: 356-2248    Fax: 356-3666    ABOR    Survey:	<b>Janvier Indian Band</b> Fred Black                                      Chief General Delivery                      Chard AB      TOP 1Z0 Tele: 559-2259    Fax: 559-2213    ABOR    Survey:
<b>Kayas Cultural Centre</b> Rita                                      Director Box 1830                                      High Level AB      TOH 1Z0 Tele: 759-2030    Fax: 759-2021    ABOR    Survey: X	<b>Lac La Biche Canadian Native Friendship Centre</b> Kenneth Pruden                      Executive Dir. Box 2338                                      Lac La Biche AB      TOA 2C0 Tele: 623-3249    Fax: 623-1846    ABOR    Survey: X
<b>Lesser Slave Lake Indian Regional Council</b> Dale R. Horseman                      Grand Chief Box 269                                      Slave Lake AB      TOG 2A0 Tele: 356-2248    Fax: 849-4975    ABOR    Survey:	<b>Little Red River Cree Tribe</b> Johnsen Sewepagahan                      Chief Box 1165                                      High Level AB      TOH 1Z0 Tele: 759-3912    Fax: 759-3780    ABOR    Survey: X
<b>Loon River Cree Band</b> Paddy Noskey                                      Chief General Delivery                      Red Earth AB      TOG 1X0 Tele: 649-3883    Fax:                      ABOR    Survey:	<b>Lubicon Lake Band</b> Bernard Ominiyak                                      Chief Box 6731                                      Peace River AB      T8S 1S5 Tele: 629-3945    Fax: 629-3939    ABOR    Survey: X
<b>Mannawanis Native Friendship Centre</b> Bob Harrison                                      Executive Dir. P.O. Box 2519                                      St. Paul AB      TOA 3A0 Tele: 645-4630    Fax: 645-1980    ABOR    Survey: X	<b>Metis Assc. of Alberta (Ed.)</b>   Edmonton AB Tele: 455-2200    Fax:                      ABOR    Survey:

**Aboriginal Organizations cont.:**

<b>Metis Assc. of Alberta (Zone 1)</b> George Quintal                      Chair P.O. Box 1350                      Lac la Biche AB      TOA 2C0 Tele: 623-3039    Fax: 623-2733    ABOR    Survey: X	<b>Metis Assc. of Alberta (Zone 2)</b> Cliff Gladue                      Chair Box 6497                      Bonneville AB      T9N 2H1 Tele: 826-7483    Fax: 826-7603    ABOR    Survey: X
<b>Metis Assc. of Alberta (Zone 4)</b> Carl Surrendi                      Sector Advisor 13140 St. Albert Trail                      Edmonton AB      T5L 4R8 Tele: 455-2200    Fax: 452-8948    ABOR    Survey: X	<b>Metis Assc. of Alberta (Zone 5)</b> Peter Campion                      Chair Box 1787                      Slave Lake AB      TOG 2A0 Tele: 849-4654    Fax: 849-2890    ABOR    Survey:
<b>Metis Assc. of Alberta (Zone 6)</b> Louis Bellrose                      Vice President 9709B -100 Street                      Peace River AB      T8S 1J5 Tele: 624-4219    Fax: 624-3477    ABOR    Survey: X	<b>Metis Nation of Alberta Framework Action Centre</b> Thomas J. Roy                      Director 13140 St. Alberta Trail                      Edmonton AB      T5L 4W9 Tele: 451-2870    Fax: 452-8948    ABOR    Survey:
<b>Metis Settlement - Buffalo Lake</b> Glen Auger                      Chairman Box 20                      Caslan AB      TOA 0R0 Tele: 689-2170    Fax: 689-2024    ABOR    Survey:	<b>Metis Settlement - East Prairie</b> Robert L'hirondelle                      Chief Box 1289                      High Prairie AB      TOG 1E0 Tele: 523-2594    Fax: 523-2777    ABOR    Survey: X
<b>Metis Settlement - Elizabeth</b> Wilfred Collins                      Chairman Box 420                      Grande Centre AB      TOA 1T0 Tele: 594-5026    Fax: 594-5452    ABOR    Survey:	<b>Metis Settlement - Gift Lake</b> Jenny Loderoute General Delivery                      Gift Lake AB      TOG 1B0 Tele: 767-3894    Fax: 767-3888    ABOR    Survey:
<b>Metis Settlement - Kikino</b> Harold Cardinal                      Chairman General Delivery                      Kikino AB      TOA 2B0 Tele: 623-7868    Fax: 623-7080    ABOR    Survey: X	<b>Metis Settlement - Paddle Prairie</b> Ron Patyok                      Administrator Box 58                      Paddle Prairie AB      TOH 2W6 Tele: 981-2227    Fax: 981-3737    ABOR    Survey: X

**Aboriginal Organizations cont.:**

<b>Metis Settlement - Peavine</b> Dennis Cunningham      Chief Box 238                      High Prairie AB      TOG 1E0 Tele: 523-5944    Fax: 523-5616    ABOR    Survey: X	<b>Metis Settlements General Council</b> Gary Parenteau Suite 649 10339-124 St.      Edmonton AB      TSN 3W1 Tele: 457-2360h    Fax: 488-5700    ABOR    Survey: X
<b>Mikisew Cree First Nation</b> Lawrence Vermillion      Chief Box 90                      Fort Chipewyan AB      TOP 1B0 Tele: 697-3740    Fax: 697-3798    ABOR    Survey: X	<b>N.W.T. Treaty 8 Tribal Council</b> General Delivery                      Fort Resolution NT      XOE 0MC Tele: 394-3313    Fax: 394-3413    ABOR    Survey:
<b>Nechi Institute on Alcohol and Drug Education</b> Maggie Hodgson              Executive Dir. Box 34007 Kingsway Mall PO    Edmonton AB      TSG 3G4 Tele: 458-1884    Fax: 458-1883    ABOR    Survey:	<b>Nistawoyou Association Friendship Centre</b> Ella Johnson                      Executive Dir. 8310 Manning Ave.              Fort McMurray AB      T9H 1W1 Tele: 743-8555    Fax: 791-4041    ABOR    Survey: X
<b>Poundmaker's Lodge</b> Pat Shirt                      Director Box 34007 Kingsway Mall PO    Edmonton AB      TSG 3G4 Tele: 458-1884    Fax: 458-1883    ABOR    Survey:	<b>Puskiakiwenin (Frog Lake) Indian Band</b> General Delivery                      Heinsburg AB      TOA 1MC Tele: 943-3737    Fax: 943-3966    ABOR    Survey: X
<b>Quill Lake First Nation</b> Walter Janvier Box 1769                      Grande Centre AB      TOA 1T0 Tele: 594-7183    Fax: 594-3577    ABOR    Survey: X	<b>Sagitawa Friendship Centre</b> Bob O'Connor                      President Box 1583                      Peace River AB      T8S 1R7 Tele: 624-2443    Fax: 624-2728    ABOR    Survey: X
<b>Sawridge Band</b> Walter Twinn                      Chief Box 326                      Slave Lake AB      TOG 2A0 Tele: 849-4331    Fax: 849-3446    ABOR    Survey: X	<b>Slave Lake Native Friendship Centre</b> Peggy Roberts                      Executive Dir. 416 6 Ave. NE                      Slave Lake AB      TOG 2A2 Tele: 849-3039    Fax: 849-2902    ABOR    Survey: X

## Aboriginal Organizations cont.:

<b>Sturgeon Lake Band</b> Alfred Gooseswimmer Chief Box 757 Valleyview AB T0H 3N0 Tele: 524-3307 Fax: 524-2711 ABOR Survey: X	<b>Sucker Creek Band</b> James Badger Chief Box 65 Enilda AB T0G 0W0 Tele: 523-4426 Fax: 523-3111 ABOR Survey:
<b>Sunrise Project</b> Ruth Hunter Project Manager P.O. Box 2069 Slave Lake AB T0G 2A0 Tele: 849-8642 Fax: 849-2570 ABOR Survey:	<b>Swan River Band</b> Rod Twinn Counselor Box 270 Kinuso AB T0G 1K0 Tele: 775-3536 Fax: 775-3976 ABOR Survey: X
<b>Tallcree Band</b> Bernie Meneen Chief Box 367 Fort Vermillion AB T0H 1N0 Tele: 927-3727 Fax: 927-4375 ABOR Survey:	<b>Tribal Chiefs Association of Northeastern Alberta</b> Charles Wood Director Box 248 St. Paul AB T0A 3A0 Tele: 636-2448h Fax: 645-5850 ABOR Survey:
<b>Tribal Chiefs Ventures Inc.</b> Charles Wood Chairman Box 248 St. Paul AB T0A 3A0 Tele: 645-4288 Fax: 645-5850 ABOR Survey: X	<b>Whitefish Lake Band</b> Eddie Tallman Chief General Delivery Atikameg AB T0G 0C0 Tele: 767-3914 Fax: 767-3814 ABOR Survey: X
<b>Women of the Metis Nation Alliance</b> Melaine Omeniho President 302-10235 124 St. Edmonton AB T5N 1P9 Tele: 488-6767 Fax: 447-5409 ABOR Survey: X	<b>Woodland Cree Band</b> Billy Thomas Chief General Delivery Cadotte Lake AB T0H 0N0 Tele: 629-3803 Fax: 629-3898 ABOR Survey: X
<b>Agriculture Service Board, City of Athabasca</b> Arnold Baker Box 540 Athabasca AB T0G 0B0 Tele: 675-2273 Fax: AG Survey:	<b>Alberta Association of Agriculture Societies</b> John Fraser President Rm 201, 700-113 St. Edmonton AB T6H 5T6 Tele: 532-3279h Fax: 438-3362 AG Survey: X



## Agricultural Organizations cont. / Community Associations:

<b>Peace River Lamb Association</b> Ken Othen                      Chairperson Box 1 Site 8, RR #1                      Spirit River AB    T0H3G0 Tele: 864-2466    Fax:                      AG    Survey: X	<b>Peace River Stock Growers Association</b> George Morrison RR #1                      Debolt AB    T0H 1B0 Tele: 957-2594    Fax:                      AG    Survey: X
<b>Pembina Agricultural Protection Association</b> Cliff Whitelock                      President Box 6997                      Drayton Valley AB    T0E 0M0 Tele: 452-2151    Fax:                      AG    Survey: X	<b>Pembina Forage Association</b> Jodi Karlowsky Box 2350                      Westlock AB    T0G 2L0 Tele: 349-4546    Fax: 349-5240    AG    Survey: X
<b>Preserve Agricultural Land Society</b> George Freisen                      Board Member c/o J. Hainsworth RR# 4                      Lacombe AB    T0C 1S0 Tele: 782-2408h    Fax:                      AG    Survey: X	<b>Soil and Water Conservation Society,</b> Peter Crown Box 41103, Petrolia Area                      Edmonton AB    T6J 2M7 Tele: 492-2886    Fax: 492-1767    AG    Survey: X
<b>Three Creeks Grazing Association</b> Darlene Gacek Box 1406                      Peace River AB    T0H 2X0 Tele: 624-8122    Fax:                      AG    Survey:	<b>Whitemud Grazing Association</b> Joyce Penno                      Chairperson Box 133                      Dixonville AB    T0M 1E0 Tele: 971-3965h    Fax: 971-3965    AG    Survey: X
<b>Windsor Creek Grazing Association</b> Glen Moodie                      Secr./Treasurer RR #1                      Sexsmith AB    T0H 3C0 Tele: 766-2553h    Fax:                      AG    Survey: X	<b>Wolf Lake Grazing Reserve</b> Lawrence Ross Box 717                      Hoselaw AB    T0A 1Y0 Tele: 826-5624h    Fax:                      AG    Survey:
<b>Alberta Forestry Association</b> Brian MacDonald                      President 101 10526 Jasper Avenue                      Edmonton AB    T5J 1Z7 Tele: 428-7582    Fax: 428-7557    ASC    Survey: X	<b>Association of Uspeyimoowin of Loon</b> Paul Letendre                      President General Delivery                      Red Earth Creek AB    T0G 1X0 Tele: 649-3883    Fax:                      ASC    Survey:

## Community Associations / Commercial Organizations:

<b>Cadotte Lake Community Association</b> Joey Carafell President General Delivery Cadotte Lake AB T0H 0N0 Tele: 629-3894h Fax: ASC Survey: X	<b>Calling Lake Community Association</b> Danny Cardinal Chairman General Delivery Calling Lake AB T0G 0K0 Tele: 331-3777 Fax: 331-3888 ASC Survey: X
<b>Neeyanan Community Association</b> Louie A. Cardinal President P.O. Box 9 Peerless Lake AB T0G 2W0 Tele: 869-3992 Fax: 869-3740 ASC Survey: X	<b>Peace Arch Communities Committee</b> Paddy Noskey Chairman Box 263 Red Earth Creek AB T0G 1X0 Tele: 649-3414 Fax: 649-3520 ASC Survey:
<b>Pelican Hills Community Association</b> Charles Ladisher President General Delivery Desmarais AB T0G 0T0 Tele: 891-2945 Fax: 891-3920 ASC Survey: X	<b>Saprae Creek Cooperative</b> Winnie Somers 100 Ermine Crescent Fort McMurray AB T9H 4M6 Tele: not in da Fax: ASC Survey:
<b>Summer Village of South Baptiste</b> P.O. Box 1329 Athabasca AB T0G 0B0 Tele: 675-2582 Fax: ASC Survey:	<b>Trout Lake Community Association</b> Emile Houle Chairman Box 90 Trout Lake AB T0G 2N0 Tele: 869-3810 Fax: ASC Survey: X
<b>Wandering River Local Development Society</b> Brent Applegate President Box 55 Wandering River AB T0A 3M0 Tele: 771-3914 Fax: ASC Survey: X	<b>Alberta Trappers' Association</b> Adles Tremblay 313 Gregoie Crescent Fort McMurray AB T9H 2L6 Tele: 791-6644 Fax: COM Survey: X
<b>Alberta Trappers' Association</b> James Rodgers 7209 Railway Avenue Fort McMurray AB T9H 1B0 Tele: 743-3963h Fax: COM Survey: X	<b>Alberta Trappers' Association</b> William Chrusch Box 1222 Athabasca AB T0G 0B0 Tele: 675-4738h Fax: COM Survey: X

Commercial Organizations cont.:

<b>Alberta Trappers' Association</b> Reg Scarfe Chairman Box 259 Fort Vermillion AB T0H 1N0 Tele: 927-3342h Fax: COM Survey: X	<b>Alberta Trappers' Association</b> Arie Rylaaarsdam Prov. V. Pres. Box 2700 Westlock AB T0G 2L0 Tele: 674-3814h Fax: 349-6626 COM Survey: X
<b>Alberta Trappers' Association</b> Gus Deisting Prov. President Box 2700 Westlock AB T0G 2L0 Tele: 675-9230h Fax: 349-6626 COM Survey: X	<b>Alberta Trappers' Association</b> Madeline Rizzoli Vice President Box 303 Lac La Biche AB T0A 2C0 Tele: 623-4298 Fax: COM Survey: X
<b>Alberta Trappers' Association</b> Roger Lee Box 59 Cleardale AB T0H 0Y0 Tele: 685-2010h Fax: COM Survey: X	<b>Alberta Trappers' Association</b> Dwight Smith Box 964 Beaverlodge AB T0H 0C0 Tele: 354-3199h Fax: COM Survey: X
<b>Alberta Trappers' Association</b> Mark McQuat P.O. Box 2700 Westlock AB T0G 2L0 Tele: 926-2756h Fax: 349-6626 COM Survey: X	<b>Athabasca Tribal Corporation</b> Tony Punko Economic Dev. 9206 McCormick Drive Fort McMurray AB T9H 1C7 Tele: 791-6538 Fax: 791-0946 COM Survey: X
<b>Cree Chip Development Corporation</b> Oliver Glanfield Box 58 Fort Chipewyan AB TOP 1B0 Tele: 697-3684 Fax: COM Survey:	<b>Delta Native Fishermen's Association</b> Carl Granite Manager Box 480 Fort Chipewyan AB TOP 1V0 Tele: 697-3678 Fax: COM Survey: X
<b>Fairview Applied Research Association</b> Paul Youngnich  Tele: 835-2241 Fax: COM Survey:	<b>Fort Chipewyan Advisory Council</b>  General Delivery Fort Chipewyan AB TOP 1B0 Tele: Fax: COM Survey:

## Commercial Organizations cont.:

<b>Game Country Tourist Association</b> Helen Rice 9845 - 99th Avenue                      Grande Prairie AB    T8V 4B2 Tele: 539-4300    Fax: 532-1223    COM    Survey: X	<b>Jumbo Fort Chipewyan Wilderness Tours</b> Scott Jumbo-Fraser                      Owner General Delivery                      Fort Chipewyan AB    TOP 1B0 Tele: 697-3739    Fax:                      COM    Survey: X
<b>Lac La Biche Fishermen's Cooperative</b> Harvey Pinsonault  Lac La Biche AB Tele: 623-4091    Fax:                      COM    Survey:	<b>Lead Guide and Outfitters Association</b> Bobby Turner   Tele:                      Fax:                      COM    Survey:
<b>M &amp; T Trappers' Association</b> Joan Tornberg Box 5867                                      Fort McMurray AB    T9H 3V9 Tele: 743-4762h    Fax:                      COM    Survey:	<b>Mistahi Seepee Wilderness Tours Ltd.</b>  Box 90                                      Fort Chipewyan AB    TOP 1B0 Tele: 334-2531    Fax:                      COM    Survey:
<b>NWT Fish Marketing and Development Corporation</b> President Box 1577                                      Hay River NT    X0E 0R0 Tele: 874-2609    Fax: 874-3476    COM    Survey: X	<b>North Central Aboriginal Boon Development Assoc.</b>  Box 1787                                      Slave Lake AB    T0G 2A0 Tele:                      Fax:                      COM    Survey:
<b>Northern Alberta Outfitters Association</b> Michael Scott Box 946                                      Beaverlodge AB    T0H 0C0 Tele: 356-2515h    Fax:                      COM    Survey:	<b>Northern Sport Fishing Ltd.</b> John Rodgers                                      Owner P.O. Box 5921                                      Fort McMurray AB    T9H 4V9 Tele: 791-3412    Fax: 743-8225    COM    Survey: X
<b>Peace Athabasca Delta Tours</b> Scott Flett                                      Owner Box 147                                      Fort Chipewyan AB    TOP 1B0 Tele: 697-3914    Fax:                      COM    Survey: X	<b>Peace Athabasca Delta Trappers Association</b> Reg McKay                                      President Box 93                                      Fort Chipewyan AB    TOP 1B0 Tele: 697-3758    Fax:                      COM    Survey: X

## Commercial Organizations / Environmental Organizations:

<b>Professional Outfitters Association of Alberta</b> Dave Unger                      Executive Dir. 15232                                  Edmonton AB    T5R 3X8 Tele: 486-3050    Fax: 484-4942    COM    Survey: X	<b>River Trails North</b> Clayton Bourke                      Owner Box 852                                  Fort Smith NT    X0E 0P0 Tele: 872-2060    Fax:                      COM    Survey: X
<b>Simpson River Tours</b> Howard Simpson                      Owner Box 7458                                  Peace River AB    T8S 1T1 Tele: 624-8713    Fax:                      COM    Survey: X	<b>Smoky River Tours</b> Herb Setz Jr.                                  Owner 9503 98th Avenue                      Peace River AB    T8S 1G8 Tele: 624-3303h    Fax: 624-5855    COM    Survey: X
<b>Subarctic Wilderness Adventures</b> Jacques Van Pelt                      Owner Box 685                                  Fort Smith NT    X0E 0P0 Tele: 872-2467    Fax: 872-2126    COM    Survey: X	<b>Tar Island River Cruises and Camps</b> Charles Crawford                      Owner Box 5070                                  Peace River AB    T8S 1R7 Tele: 624-4295    Fax:                      COM    Survey: X
<b>Whispering Wind Ranch</b> Robert Boos                                  Owner Box 456                                  Manning AB    T0H 2M0 Tele: 836-2689    Fax: 836-2689    COM    Survey: X	<b>Alberta Environmental Network</b> George Newton 10511 Saskatchewan Drive                  Edmonton AB    T6E 4S1 Tele: 433-9302    Fax:                      ENV    Survey:
<b>Alberta Pesticide Action Network</b> Rocky Notes Box 6117                                  Himon AB    T7V 1X5 Tele: 865-7549    Fax:                      ENV    Survey: X	<b>Alberta Wilderness Association</b> Brett Purdy                                  Board Member 10511 Saskatchewan Drive                  Edmonton AB    T6E 4C1 Tele: 469-8847    Fax:                      ENV    Survey: X
<b>Alta. League for Environ. Responsible Tourism</b> Martha Kostuch                      President Box 1288                                  Rocky Mountain Hous AB    T0M 1T0 Tele: 845-4667    Fax: 845-5377    ENV    Survey: X	<b>Bonnyville Wetlands Society</b> Neil Mitchell                                  President Box 5257                                  Bonnyville AB    T9N 2G4 Tele: 826-6495    Fax: 826-6777    ENV    Survey: X

**Environmental Organizations cont.:**

<b>Canada Nature Federation</b> Cliff Wallis 615 Deerfoot Way SE      Calgary AB    T5J 5V4 Tele: 238-6154    Fax:      ENV    Survey:	<b>Canadian Parks and Wilderness Society-Ed.</b> Sam Gunsch      Vice Chairman 11759 Groat Road      Edmonton AB    T5M 3S6 Tele: 433-9302    Fax: 453-8553    ENV    Survey: X
<b>Canadian Society of Environmental Biologists</b> John Lilley      Past President 1003 Garland Terrace      Sherwood Park AB    T8A 2R5 Tele: 422-4232    Fax:      ENV    Survey: X	<b>Canadian Water Resources Association - Atla. Branc</b> Brent Paterson      President Agriculture Centre      Lethbridge AB    T1J 4C7 Tele: 381-5515    Fax: 381-5765    ENV    Survey:
<b>Canadians for Responsible Northern Development</b> Jerry Paschen      Director 11911 University Avenue      Edmonton AB    T6G 1Z6 Tele: 436-4913    Fax:      ENV    Survey: X	<b>Ducks Unlimited Canada</b> Ken Lumbis 9615 - 105 Street      Grande Prairie AB    T8V 6V5 Tele: 532-7960    Fax:      ENV    Survey: X
<b>Ecology North</b> Hugh McKee Suite 8, 4807 - 49 St.      Yellowknife NT    X1A 3T5 Tele: 873-6019    Fax: 873-3654    ENV    Survey: X	<b>Ecology Systems Information Society</b> Louise Swift 11622 - 74 Avenue      Edmonton AB    T6G 0G2 Tele: 434-3302    Fax:      ENV    Survey: X
<b>Edmonton Friends of the North, Environmental Soc.</b> Lorraine Vetsch      Co-Chairperson 3743 48th Street      Edmonton AB    T6L 3T2 Tele: 463-9245    Fax: 463-9245    ENV    Survey: X	<b>FEESA-Enviromental Societies</b> Jim Martin      Executive Dir. Suite 320 9939 Jasper Avenue      Edmonton AB    T5J 2X5 Tele: 421-1497    Fax: 425-4506    ENV    Survey: X
<b>Federation of Alberta Naturalists</b> Glen Semenchuk Box 1472      Edmonton AB    T5J 2K5 Tele: 453-8629    Fax:      ENV    Survey: X	<b>Fort Assiniboine District Environmental Action Asc</b> Darren Breikreitz      President Box 262      Fort Assiniboine AB    T0G 1A0 Tele: 584-2450h    Fax: 584-3933    ENV    Survey: X

**Environmental Organizations cont.**

<b>Fort McMurray Environmental Association</b> <b>Pat McInnes</b>  <b>Fort McMurray</b> <b>AB</b> <b>Tele: 743-5677 Fax: ENV Survey: X</b>	<b>Fort McMurray Naturalists</b>  <b>Fred Korburt</b> <b>5409 15 Saunderson Avenue Fort McMurray</b> <b>T9H 3Z5</b> <b>Tele: 743-1401 Fax: 743-0366 ENV Survey: X</b>
<b>Friends of the Athabasca</b>  <b>Ken Stashko</b> <b>Box 1351 Athabasca</b> <b>AB T0G 0B0</b> <b>Tele: 675-2601 Fax: ENV Survey: X</b>	<b>Friends of the Environment, Swan Hills</b>  <b>Cheri Hiron</b> <b>Box 884 Swan Hills</b> <b>AB T0G 2C0</b> <b>Tele: 333-2146 Fax: 333-2868 ENV Survey: X</b>
<b>Friends of the Peace, Peace River Env. Society</b>  <b>John Sheehan</b> <b>9606 86th Avenue Peace River</b> <b>AB T8S 1G4</b> <b>Tele: 624-1245 Fax: ENV Survey: X</b>	<b>Friends of the Slave</b>  <b>David McConnell President</b> <b>Box 142 Jossard</b> <b>AB T0G 1J0</b> <b>Tele: 776-3992 Fax: ENV Survey: X</b>
<b>Greenpeace - Alberta Office</b>  <b>Grant Horwood</b> <b>223 12th Avenue SW Calgary</b> <b>AB T2R 0G9</b> <b>Tele: 261-4828 Fax: 261-1985 ENV Survey: X</b>	<b>Lakeland Environmental Society</b>  <b>Catherin Wiebe Vice-President</b> <b>4112 48th Avenue Bonnyville</b> <b>AB T9N 1T6</b> <b>Tele: 826-4279h Fax: 826-4806 ENV Survey: X</b>
<b>NWT Wildlife Federation</b>  <b>Robyn Gowridge</b> <b>Box 495 Hay River</b> <b>NT X0E 0R0</b> <b>Tele: Fax: ENV Survey:</b>	<b>Northern Environmental Network - N.W.T.</b>  <b>Ted Buracus</b> <b>4807-49th Street Yellowknife</b> <b>AB X1A 3T5</b> <b>Tele: 920-2473 Fax: 873-3654 ENV Survey:</b>
<b>Peace Parkland Naturalists</b>  <b>Margo Hervieux</b> <b>Box 1451 Grande Prairie</b> <b>AB T8V 4Z2</b> <b>Tele: 539-6102 Fax: ENV Survey: X</b>	<b>Pembina Institute for Appropriate Development</b>  <b>Rob Macintosh Executive Dir.</b> <b>Box 7558 Drayton Valley</b> <b>AB T0E 0M0</b> <b>Tele: 542-6017 Fax: 542-6464 ENV Survey:</b>

## Environmental Organizations / Recreational Organizations

<b>Prosperity Environment Association</b> Peter Opresko                      President RR #1                                      Boyle AB      TOA 0MC Tele: 525-2161      Fax: 675-2688      ENV      Survey: X	<b>Slave River Basin Coalition</b> Gilles Paquin Box 171                                      Fort Smith AB      XOE 0P0 Tele: 872-3345      Fax: 872-3345      ENV      Survey: X
<b>Smith Environmental Association</b> Harlan Light Box 86                                      Smith AB      TOG 2B0 Tele: 829-2251h      Fax:                      ENV      Survey: X	<b>South Peace Environmental Assc.</b> Mr. Wilson                                      Chairperson Box 565                                      Grande Prairie AB      T8V 3A7 Tele: 957-2292      Fax: 957-3931      ENV      Survey: X
<b>Stop and Tell Our Politicians (STOP)</b> Sally Ulfsten 10119 - 88 Avenue NW                      Edmonton AB      T6E 2R8 Tele: 433-5827h      Fax:                      ENV      Survey: X	<b>Tawatinaw Valley Awareness Association</b>   Rochester? AB Tele: 698-2213      Fax:                      ENV      Survey:
<b>Trout Unlimited Canada, Calgary</b> Garry Szabo Box 6270 Station D                      Calgary AB      T2P 2C8 Tele: 221-8360      Fax: 221-8368      ENV      Survey: X	<b>Voice of the Valley</b>   Rochester?  Tele: 698-2213      Fax:                      ENV      Survey:
<b>Westlock News</b> Ken McRae                                      President Box 504                                      Westlock AB      TOG 2L0 Tele: 349-3033      Fax:                      ENV      Survey:	<b>Whitecourt Environmental Society</b> Gary Smith                                      Treasurer 11 Park Drive                                      Whitecourt AB      T7S 1H8 Tele: 778-7000      Fax: 778-7072      ENV      Survey: X
<b>Wildlands - Wildlife Club (U of A)</b> Jenny Scott-Quinn                      President Box 1707                                      Athabasca AB      TOG 0B0 Tele:                      Fax:                      ENV      Survey:	<b>Alberta Camping Association</b> Margaret Steel                                      President 2111 72 Avenue NE                      Calgary AB      T2K 0N8 Tele: 274-2077h      Fax: 274-2077      REC      Survey: X

## Recreational Organizations cont.

<b>Alberta Canoe Association</b> Gordon Harris                      Chairperson 11759 Groat Road                      Edmonton AB      T5M 3K6 Tele: 453-8585      Fax:                      REC      Survey:	<b>Alberta Fish &amp; Game Association</b> Vern Macintosh P.O. Box 2216                      Edmonton AB      T0H 2X0 Tele: 922-2200      Fax:                      REC      Survey:
<b>Alberta Fish and Game Association</b> Darrell Smith                      Exec. Vice Pres 6924- 104 Street                      Edmonton AB      T6H 2L7 Tele: 424-4454      Fax: 438-6872      REC      Survey:	<b>Alberta Recreational Canoe Association</b> Judi Frank                      Env Chair 14234 103 Ave                      Edmonton AB      T5N0S8 Tele: 270-2262      Fax:                      REC      Survey: X
<b>Alberta Snowmobile Association</b> Glen Kingdon Box 1914                      Whitecourt AB      T0E 2L0 Tele: 778-5473      Fax:                      REC      Survey: X	<b>Alberta Whitewater Association</b> Bruce Lord 11759 Groat Road                      Edmonton AB      T5M 3K6 Tele: 453-8585      Fax: 453-8553      REC      Survey: X
<b>Athabasca County Recreation Board</b> Fred Kuzik Box 1177                      Athabasca AB      T0G 0B0 Tele: 675-4619      Fax:                      REC      Survey: X	<b>Athabasca Fish and Game Association</b> Gordon Christensen                      President P.O Box 1926                      Athabasca AB      T0G 0B0 Tele: 675-4390      Fax:                      REC      Survey: X
<b>Barrhead Fish and Game Association</b> Phil Holgate                      President P.O. Box 4126                      Barrhead AB      T0G 0E0 Tele: 674-2361      Fax:                      REC      Survey: X	<b>Beaver River Fish and Game Association</b> Scott Dudley                      President Box 8024                      Bonnyville AB      T9W 2J3 Tele: 826-2082      Fax:                      REC      Survey: X
<b>Ceyana Canoe Club</b> Priscilla Haskin Box 72023 Ottewell Post                      Edmonton AB      T6B 0P0 Tele: 922-4324      Fax:                      REC      Survey: X	<b>Chinook Valley Recreation Society</b> Box 176                      Grimshaw AB      T0H 1W0 Tele:                      Fax:                      REC      Survey:

**Recreational Organizations cont.:**

<b>Clandonald and District Fish and Game Association</b> Eugene Deford                      President P.O. Box 584                      Clandonald AB    T0B 0X0 Tele: 853-2647    Fax:                      REC    Survey: X	<b>Cold Lake District Sportsmen's Fish &amp; Game</b> Ray Southward                      Chairman P.O. Box 1559                      Grand Centre AB    T0A 1T0 Tele: 594-5713    Fax:                      REC    Survey: X
<b>Deadwood Recreation Society</b>  c/o Deadwood Post Office                      Deadwood AB    T0H 1A0 Tele: 836-2195    Fax:                      REC    Survey:	<b>Delta Roughriders</b>  Michael Cardinal General Delivery                      Fort Chipewyan AB    T0A 1G0 Tele: 697-3888w    Fax:                      REC    Survey:
<b>Dunvagen Fish and Game Association</b> Chuck Friesen                      President Box 1626                      Fairview AB    T0H 1L0 Tele: 835-2624    Fax: 835-3950    REC    Survey: X	<b>Edgerton Fish and Game Association</b> Robin Hooper                      President P.O. Box 112                      Edgerton AB    T0B 1K0 Tele: 755-3974    Fax:                      REC    Survey:
<b>Edmonton Fish and Game Association</b> Al Wright                      President 2345 139 Avenue                      Edmonton AB    T5Y 1S1 Tele: 475-6100    Fax:                      REC    Survey: X	<b>Edmonton Trout Fishing Club</b> Frank Wood                      Past President 5319 145th Avenue                      Edmonton AB    T5A 4E9 Tele: 475-9297h    Fax:                      REC    Survey: X
<b>Edmonton Whitewater Paddlers</b> Dale O'Brien 11215 - 53 Avenue                      Edmonton AB    T6H 0S6 Tele: 434-9192    Fax:                      REC    Survey:	<b>Fairview River Rats Association</b> John Kramer Box 1831                      Fairview AB    T0H 1L0 Tele: 835-2732    Fax:                      REC    Survey: X
<b>Fort McMurray Field Naturalist Society</b> Grant Henry 152 Cote Bay                      Fort McMurray AB    T9H 4R9 Tele: 791-2736    Fax: 791-1555    REC    Survey: X	<b>Fort McMurray Fish and Game Association</b> Ian Parkinson                      President P.O. Box 5114                      Fort McMurray AB    T9H 3G2 Tele: 791-9728    Fax:                      REC    Survey: X

**Recreational Organizations cont.:**

<b>Fort Smith Canoe and Kayak Club</b> David Lammerce                      President Box 1257                                      Fort Smith NT      X0E 0P0 Tele: 872-4152    Fax: 872-3839    REC    Survey: X	<b>Fox Creek Fish and Game Association</b> Pat Ward                                      President P.O. Box 934                                      Fox Creek AB      T0H 1P0 Tele: 622-2873h    Fax:                      REC    Survey: X
<b>Friends of the River Recreation Association</b> Paul Otto 9726 - 158 Street                      Edmonton AB      T5P 2X1 Tele: 484-8636    Fax:                      REC    Survey: X	<b>Grande Cache Fish, Game and Gun Club</b> Tom Wilkenson                                      President P.O. Box 967                                      Grande Cache AB      T0E 0Y0 Tele: 827-3133    Fax: 827-3133    REC    Survey: X
<b>Grande Prairie Fish &amp; Game Association</b>  10238-110 Avenue                      Edmonton AB      T8V 1F7 Tele:                      Fax:                      REC    Survey:	<b>Grande Prairie River Rats</b>  Tim Holler RR #1    Wembley AB      T0H 3S0 Tele: 766-2826    Fax:                      REC    Survey: X
<b>Hay River Paddling Club</b>  Nancy Magram Box 1720                                      Hay River NT      X0E 0R Tele: 874-3583    Fax:                      REC    Survey: X	<b>High Level Sporting Association</b> Dave Thompson                                      President P.O. Box 1606                                      High Level AB      T0H 1Z0 Tele: 926-2940h    Fax:                      REC    Survey: X
<b>High Prairie Fish &amp; Game Association</b> Jim Berry                                      President P.O. Box 713                                      High Prairie AB      T0G 1E0 Tele: 523-2763    Fax:                      REC    Survey:	<b>Hillcrest Fish &amp; Game Protective Association</b> Earl Scott General Delivery                                      Hillcrest AB      T0K 1C0 Tele: 564-4148h    Fax:                      REC    Survey:
<b>Kewatinok Recreation Society</b> Steve Courtoreille Box 343                                      Fort Chipewyan AB      T0P 1B0 Tele: 697-3682    Fax: 697-3501    REC    Survey: X	<b>Kinuso &amp; District Fish &amp; Game Association</b> Ron Wild                                      President P.O. Box 181                                      Kinuso AB      T0G 1K0 Tele: 775-2239    Fax:                      REC    Survey:

## Recreational Organizations cont.:

<b>La Crete Recreation Society</b> Ed Krahn Box 29 La Crete AB T0H 2H0 Tele: 928-3815h Fax: REC Survey:	<b>Lac La Biche Fish and Game Association</b> Ted Johnson President P.O. Box 181 Lac La Biche AB T0A 1C0 Tele: 623-7462 Fax: 623-5239 REC Survey: X
<b>Lac La Biche Regional Fisheries Advisory</b> Dan Anderson Chairman Box 1246 Lac La Biche AB T0A 2C0 Tele: 623-5410 Fax: 623-5358 REC Survey: X	<b>Lakeland Tourist Association</b> Donna Lee Ost Box 1016 Lac La Biche AB T0A 2C0 Tele: 643-4822 Fax: 623-2671 REC Survey: X
<b>Land of the Mighty Peace Tourist</b> Pat Box 6627 Peace River AB T8S 1S4 Tele: 624-4042 Fax: REC Survey: X	<b>Mayerthorpe &amp; District Fish &amp; Game Association</b> Elon Johnson President P.O. Box 1377 Mayerthorpe AB T0E 1N0 Tele: 758-2608 Fax: REC Survey:
<b>Midnight Twilight Tourist Association</b> #1 Sturgeon Road St. Albert AB T8N 0E8 Tele: 458-5600 Fax: 458-7121 REC Survey: X	<b>Mighty Peace Fish and Game Association</b> Jim Friesen President General Delivery La Crete AB T0H 2H0 Tele: 928-2889 Fax: REC Survey: X
<b>Monkman Fish and Game Association</b> Don Nelson President Box 810 Beaverlodge AB T0H 0C0 Tele: 354-8612h Fax: REC Survey: X	<b>Muskeg Munchers 4 Wheel Drive Club</b> 320 Grey Crescent Fort McMurray AB T9H 2N8 Tele: Fax: REC Survey:
<b>NW Voyageurs Canoe and Kayak Club</b> Harold Manson 12937 124 Street Edmonton AB T5L 0P6 Tele: 455-9850 Fax: REC Survey: X	<b>NWT Canoeing Association</b> NT Tele: Fax: REC Survey:

Recreational Organizations cont.:

<b>Nampa and District Recreation Board</b> Dave Lindsay Box 1162 Saint Isidore AB T0H 3B0 Tele: 624-8638 Fax: 624-7329 REC Survey: X	<b>Northern Alberta Recreation Association</b> Ken VanBuul Box 1030 Slave Lake AB T0G 2A0 Tele: 849-8000 Fax: REC Survey:
<b>Onoway &amp; District Fish and Game Assoc. &amp; Gun Club</b> Victor Melenka President P.O. Box 880 Onoway AB T0E 1V0 Tele: 967-5506 Fax: REC Survey: X	<b>Peace Country Fish and Game Association</b> John Flynn President Box 6147 Peace River AB T8S 1S1 Tele: 624-2197 Fax: REC Survey:
<b>Peace Country Flyfishers Association</b> Jim Epp President 9840 81 Avenue Grande Prairie AB T8V 3T1 Tele: 532-0184h Fax: 532-1441 REC Survey: X	<b>Peace River Paddlers</b> Dave Philips President Box 1482 Grimshaw AB T0H 1W0 Tele: 624-6877 Fax: REC Survey: X
<b>Peace River Rats</b> Sterling Cram 7113-99 Street Peace River AB T0H 2X0 Tele: 624-3412h Fax: REC Survey:	<b>Peace Valley Conservation and Recreation Society</b> Barb Byers Fairview Tele: 835-2616 Fax: REC Survey:
<b>Pembina River Fish and Game Association</b> William Simmons President P.O. Box 2714 Westlock AB T0G 2L0 Tele: 698-2418 Fax: REC Survey: X	<b>Pow Wow and Fish Derby Association</b> Tim Courtoreille President Box 1051 Lac La Biche AB T0A 2C0 Tele: 623-2073w Fax: REC Survey:
<b>Canadian Red Cross Society</b> Sue Phillips Edmonton AB Tele: 541-4430 Fax: REC Survey: X	<b>Rocky Lane River Rats, Rocky Lane School</b> Mike Nugent Past President Attn: M. Austerland Bag 9000 Fort Vermillion AB T0H 1N0 Tele: 927-3686h Fax: 927-3444 REC Survey: X

## Recreational Organizations cont.:

<b>Sagittawah Canoe and Kayak Club</b> Tim Moreland Box 162 Whitecourt AB T7S 1N4 Tele: 778-4469 Fax: REC Survey:	<b>Saint Paul Fish and Game Association</b> Henry Foisy President P.O. Box 2166 Saint Paul AB T0A 3A0 Tele: 645-3594 Fax: REC Survey: X
<b>Smoky River Fish and Game Association</b> Barry Himer President P.O. Box 207 Fahler AB T0H 1M0 Tele: 837-8263 Fax: REC Survey: X	<b>South Peace Fish and Game Association</b> Brent Watson President Box 324 Grande Prairie AB T8C 3A5 Tele: 539-9811h Fax: REC Survey: X
<b>Spedden Fish and Game Association</b> Daniel Habiak President General Delivery Spedden AB T0A 3E0 Tele: 636-2182 Fax: REC Survey: X	<b>Swan Hills Outdoor Recreation Club</b> Bruce Scales Box 597 Swan Hills AB T0G 2C0 Tele: 333-2419 Fax: REC Survey:
<b>Tarsands Canoe and Kayak Club</b> Bill Hunter 200 Torrie Crescent Fort McMurray AB T9K 1G7 Tele: 743-0258 Fax: REC Survey: X	<b>Valleyview and District Fish and Game Association</b> Daryl Smith President P.O. Box 1113 Valleyview AB T0H 3N0 Tele: 524-4454 Fax: REC Survey:
<b>Whitecourt Canoe and Kayak Club</b> Ken Moreland Whitecourt Tele: 778-6065h Fax: REC Survey:	<b>Whitecourt Fish and Game Association</b> Dwight Davidson President P.O. Box 3 Whitecourt AB T0E 2L0 Tele: 778-3898 Fax: REC Survey:
<b>Whitecourt River Boat 1982 Association</b> Brian McGregor 4703 Saskwatanau Drive Whitecourt AB T7S 1E1 Tele: 551-0449 Fax: REC Survey: X	<b>Wildwood &amp; District Rod and Gun Club</b> Ben Johnson President P.O. Box 3415 Wildwood AB T0E 2M0 Tele: 325-3796 Fax: REC Survey: X

## Stakeholder Screening Project 4121-D1

## River Transportation:

<b>A-Frame Contractors</b>  Andy Frame                      Owner Box 6647                              Fort McMurray AB Tele: 791-6851    Fax: 790-1781   RT    Survey: X	<b>Athabasca Transportation</b>  John Ingles  AB Tele: 697-3806    Fax:                      RT    Survey:
<b>Gerard Enterprises</b>  Emil Gerard -Birch M  Fort McMurray AB Tele: XJS 8262    Fax:                      RT    Survey:	<b>MacDonald Marine</b>  Rod MacDonald  Fort McMurray Tele: 791-1650    Fax:                      RT    Survey:



