

Access Road Activities



Road preparation
(Wuskwatim)



Preparation of ditches
(Wuskwatim)



Watering and grading



Installation of culverts

- Clearing and grubbing (removing vegetation, stumps)
- Constructing security gatehouse and communications tower (12 m)
- Establishing drainage and start embankments
- Erosion/sediment control measures
- Continued embankment construction
- Gravelling for roadbed surface
- Trimming slopes
- Winter construction of clear span bridge crossing at Looking Back Creek
- Construction of a culvert crossing at an unnamed tributary creek
- Installation of through-grade culverts
- Cleanup



Phase One of Main Camp Activities



Main camp (Wuskwatim)

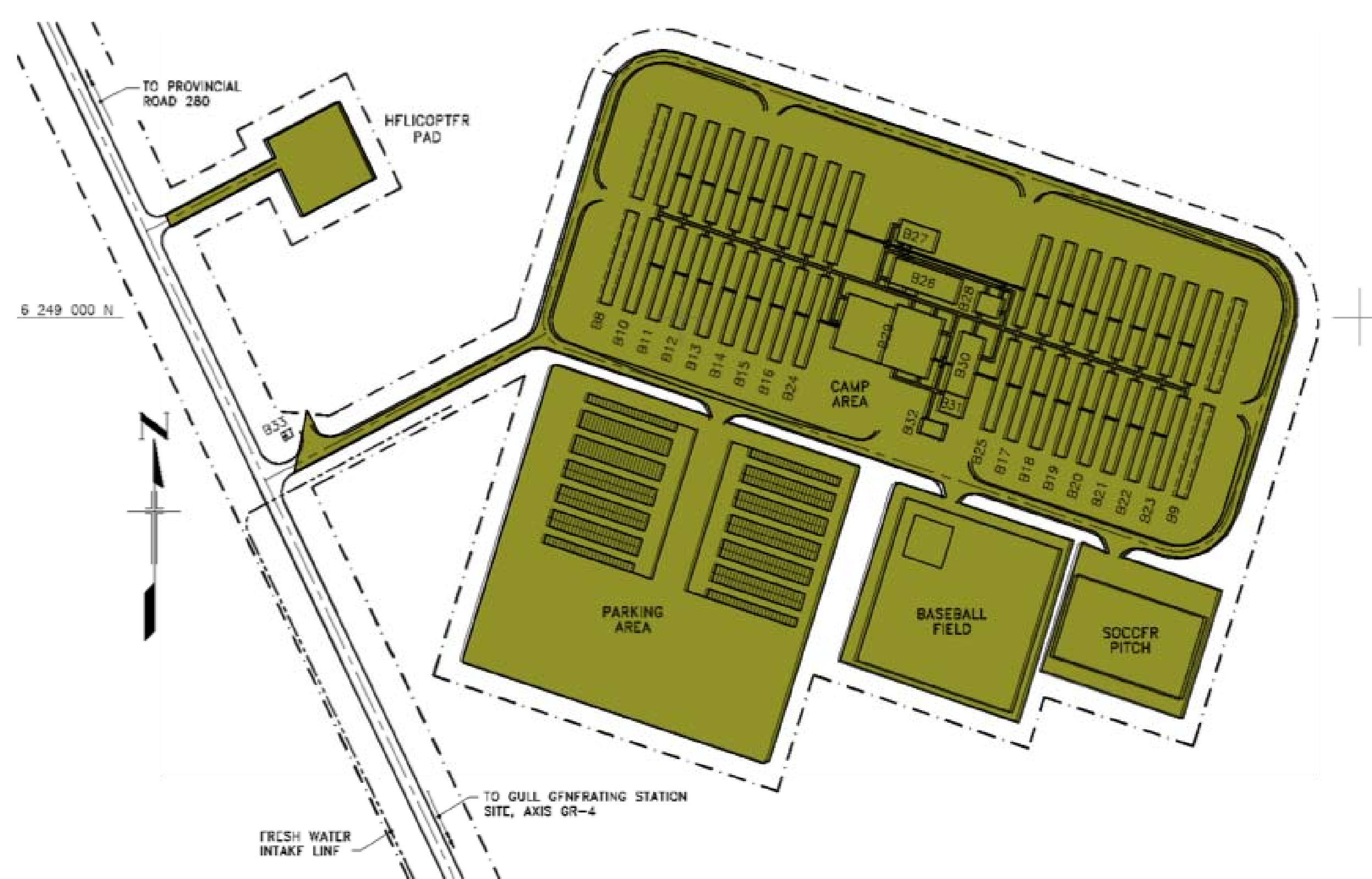


Camp building Installation



Food services and kitchen

- Clearing and grubbing for camp (250 ha) and three main work areas
- Pad construction (excavation, backfilling, grading)
- Gravelling
- Erosion/sediment control measures
- Installation of pre-engineered bunkhouses, kitchen/dining facilities and trailers
- Installation of utilities and services, including service to water wells and installation of package wastewater treatment plant
- Installation of communication tower (60 m)



(Schematic of phase one of Main Camp)

**Keeyask Hydropower
Limited Partnership**

Environmental Approvals

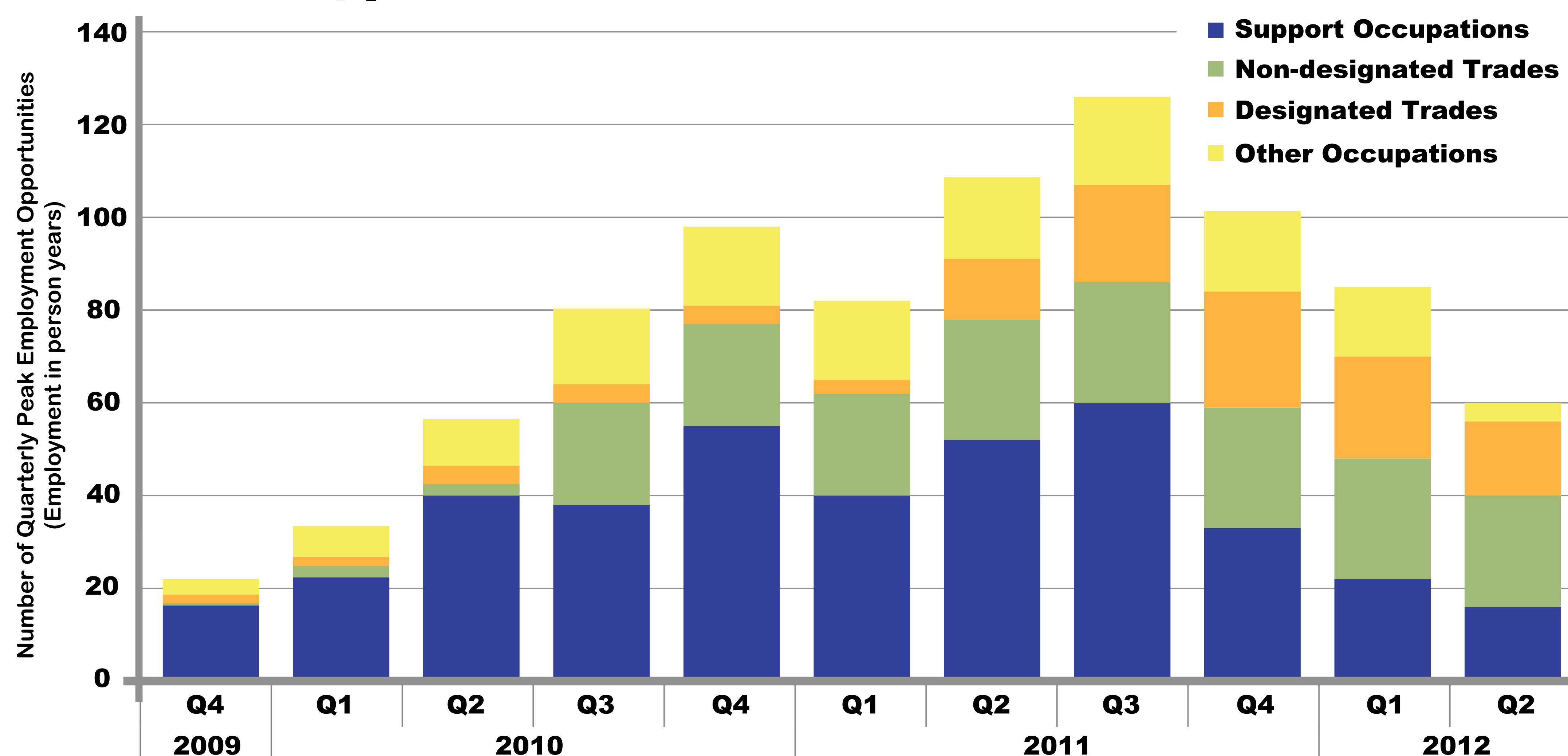


- Federal and provincial regulatory authorities will determine if the project will proceed and, if so, the conditions that may apply. These conditions need to be met before the project can proceed
- An Environmental Assessment report will be completed for the project to:
 - Identify potential effects the project may have on the environment and people
 - Describe measures to avoid, reduce or mitigate potential negative effects
 - Determine ways to enhance potential positive effects
 - Develop follow-up monitoring programs
- The Environmental Assessment report will be available to the public
- The scope of the assessment includes pre-construction, construction and maintenance activities for the project
- The operation and eventual decommissioning of the infrastructure will be assessed by the Environmental Assessment for the proposed Keeyask Generating Station project at a future date

**Keeyask Hydropower
Limited Partnership**

Employment and Business Opportunities

- The project will generate approximately 1800 person-months of employment. Construction occupations include:
 - *Designated trades (e.g., electricians, plumbers, etc.)*
 - *Non-designated trades (e.g., heavy equipment operators, truck drivers, labourers, etc.)*
 - *Support occupations (e.g., clerks, security, catering, etc.)*
 - *Other occupations (e.g., project supervisors, site staff, etc.)*
- The project will result in a total of about 31 months of construction
- Employment and business opportunities will be available to KCN communities and their members through Direct Negotiated Contracts (e.g., road construction, services contract, catering, and security)



**Keeyask Hydropower
Limited Partnership**

Direct Negotiated Contracts

The following have been identified as directly negotiated contracts for the project including the allocation:

■ Infrastructure Contracts

- *Start-up camp site development & installation – Cree Nation Partners (CNP)*
- *Clearing & grubbing – CNP*
- *North access road construction – CNP*
- *Main camp (Phase 1 & 2) site development & installation – CNP*
- *Main camp (Phase 1 & 2) sewer & water services – CNP*

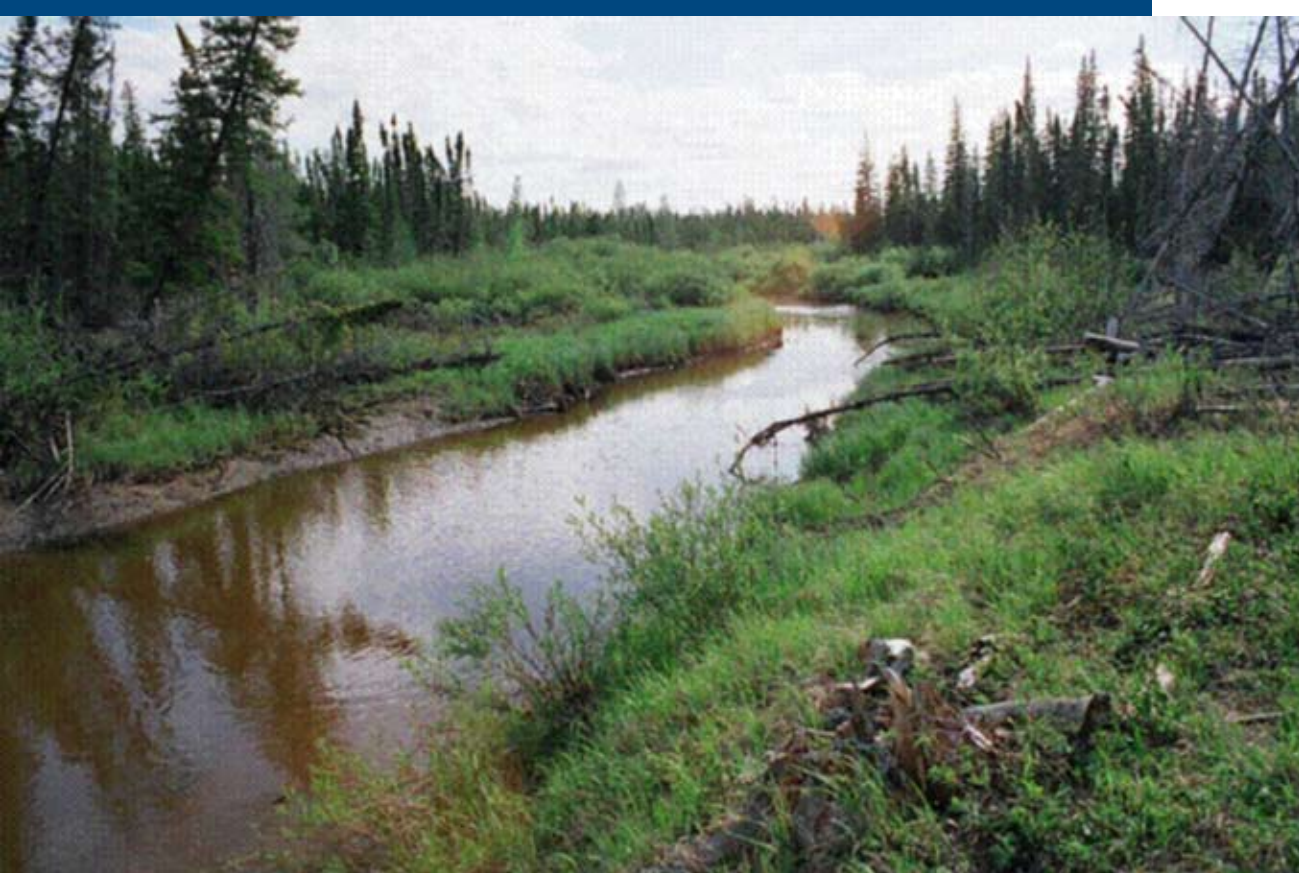
■ Services Contracts

- *Catering – Fox Lake and York Factory*
- *Camp maintenance & operation services – CNP*
- *Security services – Fox Lake and York Factory*
- *Employee retention and support services – Fox Lake and York Factory*
- *First-aid services – CNP*

Effects On the Natural Environment



Aerial of Looking Back Creek



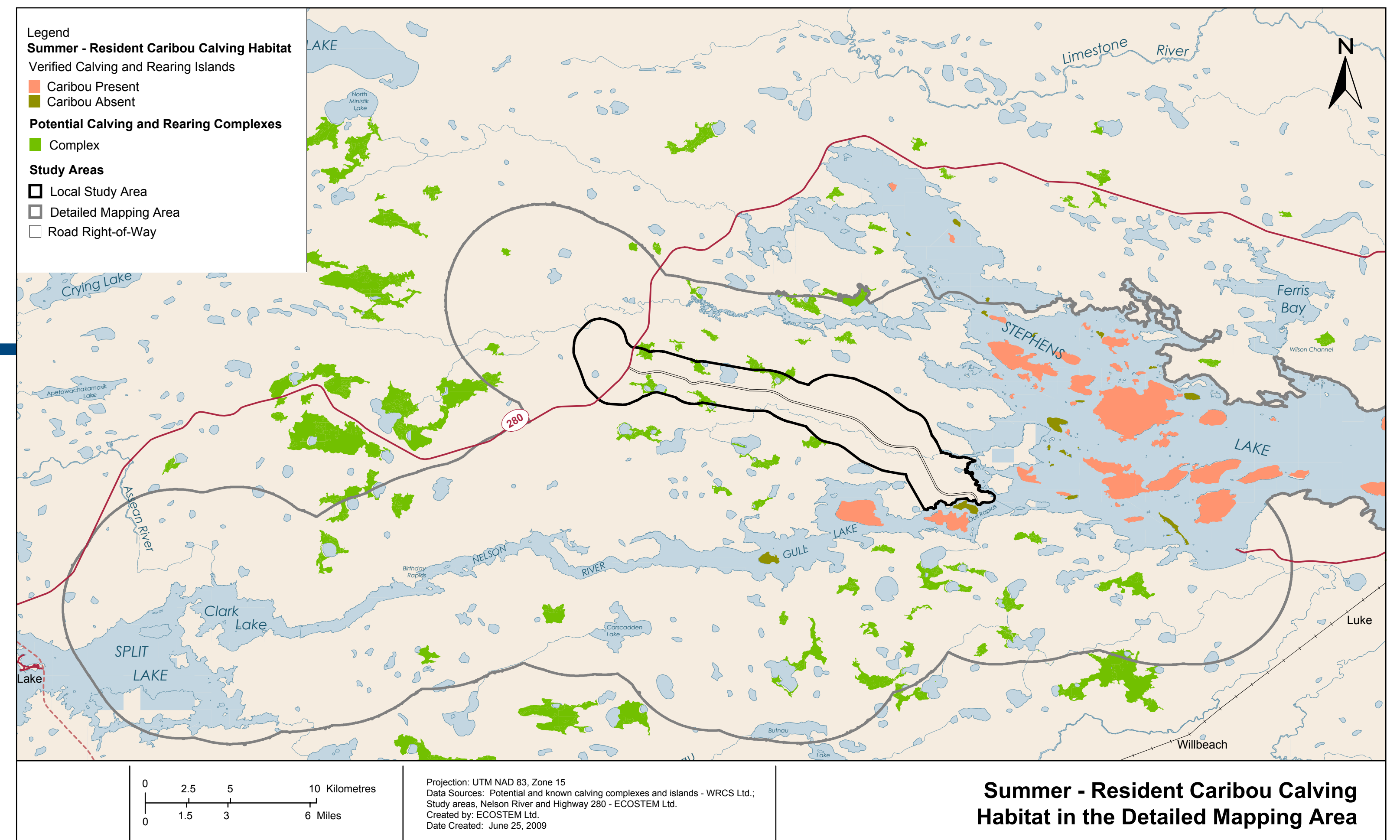
Looking Back Creek

- Environmental specialists have investigated potential effects on people, land and water, including plants, fish and wildlife such as mammals, birds and amphibians
- Some of the results most important to local people are related to employment and business opportunities, caribou, stream crossings and heritage resources
- An Environmental Protection Plan and Access Management Plan have been developed to address potential adverse effects
- While some of the adverse effects may not be reversible or could last for some time, most are fairly localized around project activities
- With monitoring and the use of the protection and management plans, it is expected that all adverse effects can be managed

Caribou



- While there are many important wildlife species in the project study area, caribou have been the subject of considerable attention
- Potential project effects on caribou may include increased mortality due to vehicular traffic, increased access for hunters, human wildlife encounters and increased stress during calving and rearing seasons
- To avoid or manage potential impacts on caribou, the following are mitigation measures:
 - *Refining road alignment to avoid sensitive caribou habitat*
 - *Reducing traffic speeds on road*
 - *Limiting or restricting access to the project area and prohibiting hunting*
 - *Educating construction personnel*
 - *Developing an Access Management Plan to minimize site access to the general public while accommodating local resource users*
 - *Developing a Construction Environmental Protection Plan to further minimize habitat losses and disturbances near sensitive areas*



Stream Crossings

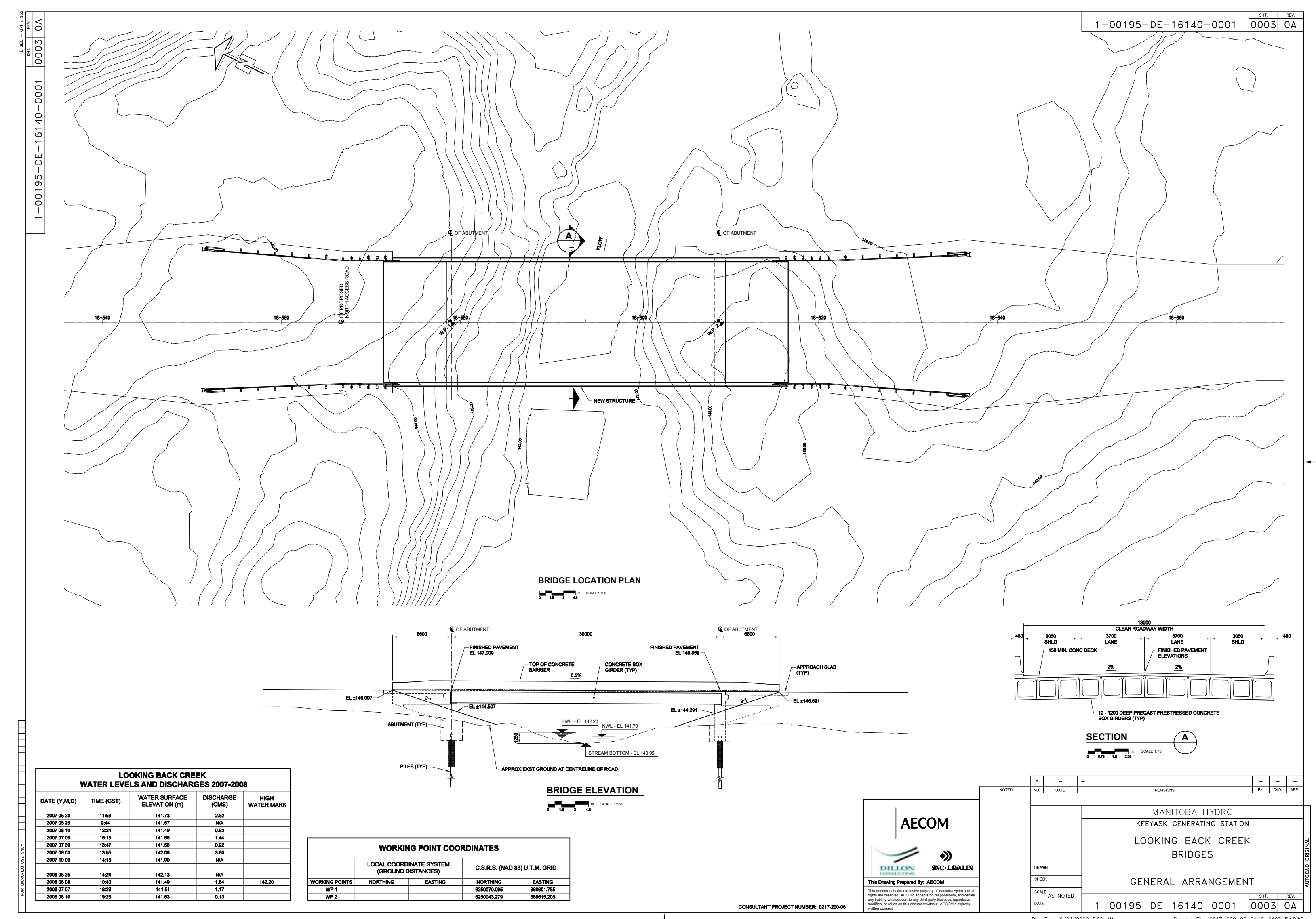


Access road construction
(Wuskwatim)



A clear span bridge
will be required at
Looking Back Creek

- Construction of the access road will require crossing two water courses, one involving the installation of a culvert and the other a clear span bridge at Looking Back Creek
- To avoid or manage potential environmental impacts, the following mitigation measures are being considered:
 - Installation in winter of a clear span bridge at Looking Back Creek will occur above the high water mark to avoid damaging fish or fish habitat
 - Following all provincial and federal guidelines regarding stream crossings and the protection of fish and fish habitat
 - Developing a Construction Environmental Protection Plan and an Emergency Preparedness and Response Plan



Heritage Resources



Snowmobile trail across the esker near the proposed access road



Archaeological crew conducting walking survey over exposed ground surface along the esker winter road

- All heritage resources are protected under the Heritage Resources Act. Avoiding impacts on heritage resources in the vicinity of the project was identified as very important
- To date no heritage resources have been found within the construction area for the project
- All known heritage resources sites currently registered with the Province of Manitoba Archaeological Site Inventory occur outside the areas proposed for infrastructure development
- An Environmental Protection Plan will be developed to advise construction crews about established protocols to be followed should heritage resources or burial sites be encountered during construction

**Keeyask Hydropower
Limited Partnership**

Thank You
For Attending

Appendix D11

Copy of Open House Comment Form

Keeyask Infrastructure Project

Comment Form

Please take this opportunity to fill-out this brief questionnaire based on the information provided at this event and speaking with the Study Team regarding the Keeyask Infrastructure Project. Please drop the completed comment form in the box provided.

Overall, was this information session helpful in providing you with a general understanding of the Project?

____ Yes ____ No

If no, what additional information would have been helpful?

After reviewing the information boards and speaking with Study Team members, what concerns/issues do you have about the proposed Project (please describe)?

Do you have any suggestions on how your comments or concerns could be addressed? If yes, please explain.

Thank you for taking the time to fill out the comment form. Your interest and participation are very important to the Environmental Assessment process.

For further information about the proposed Keeyask Infrastructure Project or to offer you comments on the Project via telephone, please contact Brett McGurk at InterGroup Consultants – (204) 942-0654.

Appendix D12

Thompson Open House Meeting Notes

Date of Meeting: August 5, 2009 – 5:00 pm to 8:00 pm

Location: Thompson, MB
St. John's United Church

| | | |
|--|------------------|------------------------|
| In Attendance from EA Team: | Ryan Kustra | Manitoba Hydro |
| | Dick Stephens | Manitoba Hydro |
| | Marilynn Kullman | Manitoba Hydro |
| | Victor Flett | KCN |
| | Rick Laviolette | KCN |
| | John Osler | InterGroup Consultants |
| | David Lane | InterGroup Consultants |

In Attendance from General Public: See sign-in sheet

PURPOSE OF MEETING

The purpose of the open house was to:

- Provide background information about the proposed Keeyask Infrastructure Project;
- Provide information about the Environmental Impact Assessment (EIA); and
- Identify issues and concerns the community has with the proposed project and the EIA.

MEETING PROCESS

The open house was held at St. John's United Church. Those who attended the information session were encouraged to sign-in, fill out comment forms and speak to members of the EA team about any perspectives/issues they might have about the project. Members of the EA team were also on hand to guide community members through the information panels regarding the project if they desired and to answer any questions. In total, nine community members signed-in at the session; however, approximately 12 other individuals attended the community information session that did not sign-in.

The following are highlights of the perspectives heard at the information session and are intended to capture the key points that were raised by community members.

KEY PERSPECTIVES AND ISSUES IDENTIFIED BY COMMUNITY MEMBERS

Project impacts and perspectives

- Attendees suggested that Manitoba Hydro should focus more on youth, in particular upcoming graduates, so that they know what kinds of education and training programs are available, and also what type of high-school courses are needed to enter these training programs. They suggested that Manitoba Hydro should go into the high-schools and provide information and motivation to work on projects.
- An attendee was curious about when training programs and associated funding are/will be available.
- A suggestion was made to name the intersection at PR 280 and the North Access Road after the late Josiah Saunders, who used to trap in that area.
- An attendee, who worked at many hydro projects including Kettle and Wuskwatim, commented on work camp conditions. Specifically for Wuskwatim, he suggested the camp facilities are too small, with too few rooms and too few washrooms. Additionally, he claimed that the water, although it is purified, is not clean, and that he became ill due to the water. He remarked that the Gillam area camps were pretty good, maybe better, but that people had to share rooms.
- Some TCN members stated that they were not informed prior to the JKDA vote that they would also be voting on the Adverse Effects Agreement. They stated that younger people in particular did not understand what they were signing. They also stated that the JKDA was difficult to understand. They also stated that leaders were not open to hearing or addressing their issues.

Public involvement program and EA perspectives/issues

- Some attendees expressed concern over being able to make changes to the EA Report – i.e. whether it is still a draft or already finalized. Comments received at the open house will be recorded and included in a supplemental filing.
- A community member who has worked for Manitoba Hydro for 28 years attended the open house mainly out of curiosity. The information panels prompted memories of his working years. He seemed very appreciative of his years at Hydro and the opportunity to hear more about the project.

Impacts and issues from past-hydro-electric development

- One attendee thought the 1992 TCN Implementation Agreement gave TCN jurisdiction on projects such as this and negated the federal and provincial regulatory approval requirements; a Manitoba Hydro attendee tried to explain this was not the case, but the person disagreed.

Appendix D13

Gillam Open House Meeting Notes

Date of Meeting: August 6, 2009 – 11:00 am to 3:00 pm

Location: Gillam, MB
Gillam Recreation Centre – Mezzanine Room

| | | |
|--|------------------|------------------------|
| In Attendance from EA Team: | Ryan Kustra | Manitoba Hydro |
| | Dick Stephens | Manitoba Hydro |
| | Marilynn Kullman | Manitoba Hydro |
| | Rick Laviolette | KCN |
| | John Osler | InterGroup Consultants |
| | David Lane | InterGroup Consultants |

**In Attendance from
General Public:** See sign-sheet

PURPOSE OF MEETING

The purpose of the open house was to:

- Provide background information about the proposed Keeyask Infrastructure Project;
- Provide information about the Environmental Impact Assessment (EIA); and
- Identify issues and concerns the community has with the proposed project and the EIA.

MEETING PROCESS

The open house was held at the Gillam Recreation Centre. Those who attended the information session were encouraged to sign-in, fill out comment forms and speak to members of the EA team about any perspectives/issues they might have about the project. Members of the EA team were also on hand to guide community members through the information panels regarding the project if they desired and to answer any questions. In total, 23 attendees signed-in at the session, many of whom are Gillam residents who are also Manitoba Hydro staff; as well, approximately 15 other individuals attended the community information session that did not sign-in. At the time of the open house, Manitoba Hydro was also hosting a tour of American regulatory and utility officials, a number of whom also attended the open house.

The following are highlights of the perspectives heard at the information session and are intended to capture the key points that were raised by community members.

KEY PERSPECTIVES AND ISSUES IDENTIFIED BY COMMUNITY MEMBERS

Project impacts and perspectives

- Access to the road and project area was raised by a few individuals. They were concerned about whether they would be able to access the area for traditional activities, and also whether access to the area by employees on the project and other non-local people would increase.
- Numerous attendees were concerned about the location of caribou are and how they may be affected by the project.
- People were also concerned about impacts to moose in the area and the reduced capacity for hunting.
- A few attendees noted that they have cabins in the general area – one on an island within Stephens Lake, and another on the mainland N-E of the road (approximately 30-50 km).
- Some attendees were concerned about being able to fish on Stephens Lake.

Other

- A key concern expressed by many community members focused on the potential for reduced travel time from Gillam to Thompson if the North and South access roads are open to the public. However, the Infrastructure Project only considers the north access road.
- A concern was raised about timing for the construction of the south access road and potential increase in human and vehicular traffic from the project in Gillam causing infrastructure constraints as well as potentially increased levels of crime.
- An attendee from Mission B.C. had lots of questions, but none about the KIP project. He was mainly interested in comparing the Manitoba projects with the BC situation, with which he is familiar. Questions were largely system questions - comparative station capacities, etc.

Appendix D14

Invitation Letter for Environmental Non-Government Organization Meeting



500-280 Smith Street
Winnipeg, Manitoba
R3C 1K2
tel: (204) 942-0654
fax: (204) 943-3922
e-mail: intergroup@intergroup.ca

August 12, 2009

Name
Organization
Address
Postal Code

**RE: INVITATION TO PARTICIPATE IN A WORKSHOP FOR THE PROPOSED KEYYASK
INFRASTRUCTURE PROJECT**

The Keeyask Hydropower Limited Partnership is currently planning the Keeyask Infrastructure Project and is applying for a licence under the Environment Act (Manitoba), as well as the required federal authorizations. The Infrastructure Project consists of three main components: a 125-person start-up camp, a 25 km all-weather gravel road from Provincial Road (PR) 280 to Gull Rapids on the Nelson River, and a 500 person camp at Gull Rapids. The start-up camp will be decommissioned and the site converted to a maintenance yard when the road and main camp are completed; and the road and main camp will be maintained.

The Project is being proposed at this time to achieve the following objectives:

- to provide early business opportunities for the Keeyask Cree Nations;
- to provide early and more employment opportunities for First Nation members, northern Aboriginal people, and other northern and Manitoba workers;
- to provide more time for Cree Nation businesses to develop their management capacities;
- to provide more time for First Nation members and other northern Aboriginal people to develop their skills and capacities;
- to respond to present economic conditions to complete these works on a more cost-effective basis;
- to accelerate investment to support the promotion of sustainable economic growth in the Province of Manitoba; and
- to provide for timely and efficient construction of the proposed Keeyask Generating Station (GS) Project, should the Partnership decide to proceed with that project, and if and when an application is made and regulatory approvals are received to construct and operate that project.

As I indicated on the phone, we are currently meeting with various stakeholder groups to inform them about the project and are pleased to invite your organization to participate in a workshop on **August 19, 2009, at the Delta Hotel (350 St. Mary Ave) between 3:00 and 5:00 pm**. Please RSVP to either Brett McGurk or myself at InterGroup Consultants at 942-0654 or bmcgurk@intergroup.ca to let us know whether you will be attending the workshop. Furthermore, since we are using a workshop format, we ask that a maximum of two representatives from your organization attend the event. The workshop will be an opportunity to hear a presentation about the project and engage in a question and answer discussion. The presentation will provide an overview of the project description and information on the environmental assessment process.

In an earlier e-mail, I included copies of the Environment Act Proposal Form and Navigable Waters Act Application. I have enclosed with this letter CD copies of the Environmental Assessment Report and the Preliminary Environmental Protection Plan. If you have any questions regarding the workshop or the proposed Project, please do not hesitate to contact either Brett McGurk or myself at InterGroup Consultants – 942-0654.

Yours truly,

INTERGROUP CONSULTANTS LTD.

A handwritten signature in black ink, appearing to read 'John Osler', with a stylized, looping flourish extending to the right.

John Osler

To be sent rush courier Thursday a.m. to the following:

Gloria Desorcy
CONSUMERS ASSOCIATION OF CANADA
Room 21, 222 Osborne St. South
Winnipeg, MB R3L 1Z3

John Doyle
MANITOBA FEDERATION OF LABOUR
#303 – 275 Broadway
Winnipeg, MB R3C 4M6

Peter Miller
TIME TO RESPECT EARTH'S ECOSYSTEMS (TREE)
133 Riley Crescent
Winnipeg, MB R3T 0J5

Merrell-Ann S. Phare
CIER
3rd Floor, 245 McDermot Ave.
Winnipeg, MB R3B 0S6

Jared Whelan
MANITOBA PROTECTED AREAS SOCIETY
1000 – 191 Lombard Ave.
Winnipeg, MB R3X 0X1

Amanda San Fillipo
UNIVERT
200 rue de la Cathedral
Winnipeg, MB R2H 0H7

Gaile Whelan-Enns
MANITOBA WILDLANDS
1000 – 191 Lombard Ave.
Winnipeg, MB R3X 0X1

Appendix D15

Environmental Non-Government Organization Draft Meeting Notes



Proposed Keeyask Infrastructure Project:

Winnipeg Environmental Non-Government Organization Meeting

Draft Meeting Notes

Date of Meeting: August 19, 2009 – 3:00 pm to 6:00 pm

Location: Delta Hotel, Winnipeg

| | | |
|-----------------------|----------------------|--|
| In Attendance: | John Garson | KCN |
| | Bill Kennedy | KCN |
| | Michael Lawrenchuk | KCN |
| | Lazarus Kitchekeesik | KCN |
| | Peter Miller | TREE and Resource Conservation Manitoba |
| | Byron Williams | Public Interest Law Centre |
| | Aimée Craft | Public Interest Law Centre |
| | Gloria Desorcy | Consumers Association of Canada (Manitoba Chapter) |
| | Gaile Whelan-Enns | Manitoba Wildlands |
| | Jessica McCreary | Manitoba Wildlands |
| | Kelly Whelan-Enns | Manitoba Wildlands |
| | Dave Yallits | Manitoba Building & Construction Trades Council |
| | Ryan Kustra | Manitoba Hydro |
| | John Osler | InterGroup Consultants |
| | David Lane | InterGroup Consultants |

PURPOSE OF MEETING

The purpose of the meeting was to:

- Provide background information about the proposed Keeyask Infrastructure Project;
- Provide information about the Environmental Impact Assessment (EIA); and
- Identify issues and concerns organizations have regarding the proposed project and the EIA.

Seven organizations that had participated in an earlier workshop regarding the Keeyask Project were contacted by telephone during the week of August 2nd 2009 and by email on August 9th 2009 to provide them with the opportunity to participate in a meeting to discuss the proposed project. Attached to the initial email were copies of the Environmental Act Proposal Form (EAPF) and Navigable Waters Protection Act Application that were filed in support of this project.

Upon acknowledgment from interested parties another email was sent confirming their attendance and logistics for the meeting. This email also indicated that CD copies of the Environmental Assessment Report and Preliminary Construction Environmental Protection Plan would be forwarded to all attendees.

A letter was sent by courier on August 12th containing the CDs and some background on the project (Appendix D14).

MEETING PROCESS

The meeting was held at the Delta Hotel in Winnipeg. In total, 12 people attended, representing four ENGOs and two of the four KCN communities. Victor Spence (TCN), Betsy Kennedy (WLFN) and Elly Bonny (YFFN Coordinator) expressed their regrets.

The meeting began with a prayer by John Garson of Tataskweyak Cree Nation and introductions by the attendees. A brief presentation was provided, describing the project, the environmental assessment process and related studies. Participants were encouraged to ask questions and raise perspectives during the presentation and additional discussion occurred afterwards.

The following are highlights of the perspectives heard at the information session and are intended to capture the key points that were raised by organization representatives. They are not presented in the sequence that they were raised at the meeting, nor are they a detailed or verbatim transcription of what was said. Not all of the comments related directly to the Project, but are noted as part of the meeting record.

KEY PERSPECTIVES AND ISSUES IDENTIFIED BY ENGO REPRESENTATIVES

- Concerns were expressed about the expenditure of \$175 million (\$300 million with interest and escalation) without oversight or economic/financial information.
- There was discussion about the licensing process, in which the Keeyask Infrastructure Project is being licensed separately from the Generating Station Project. The advantages and disadvantages of this process were acknowledged.
- Concerns were expressed about the appropriate scope for a “need for and alternatives to” assessment. There was a feeling that an assessment of alternatives should include the financial costs of the projects, as well as the social and environmental costs and benefits.
- The importance of a decommissioning plan in the EA Report was noted.
- There was a concern regarding how cumulative effects would be dealt with since the timing of the Keeyask Generating Station and other projects is uncertain.
- Interest was expressed about how federal and provincial Section 35 consultations will take place within a short timeframe.
- There was discussion on the scope of the project, including study areas, defined baseline and cumulative effects in an area with other projects and uncertainty.
- Attendees emphasized the need to work cooperatively with all parties to address environmental, social, economic and regulatory issues.

- A KCN representative highlighted the importance of harvesting caribou in the area for food and noted that they have been working with scientists and their members to understand the potential impacts on caribou.

Action item: Manitoba Hydro is prepared to enter in a process to consult on the suite of its major projects for export development. It is to get back to the organizations soon to further explore this process.

KEYYASK INFRASTRUCTURE PROJECT

ENVIRONMENTAL ASSESSMENT REPORT – HERITAGE RESOURCES ADDENDUM FILING

Addendum to 3.6.3 – Project Area

Aerial and pedestrian surveys and transects with shovel testing were conducted on July 27 and 28, 2009 for the start-up and main camp (phase one) areas and was based on the GPS coordinates provided by Manitoba Hydro. This component was not included in the original field surveys as the exact locations of the start-up and main camps were not known at that time.

No heritage resource sites were found during aerial and pedestrian surveys or transect and shovel testing. However, during a previous archaeological survey in 2002, a small lithic workshop was discovered at site HcKt-2, 334 metres southwest of the proposed main camp. The site is considered to be a low priority site.

Addendum to 5.8 – Heritage Resources Effects and Mitigation

Based on field work conducted in July 2009 and previous archaeological investigations it is unlikely that heritage resources will be found during construction activities. The effects assessment and mitigation recommendations included in Section 5.8 of the July 31, 2009 Keeyask Infrastructure Project Environmental Assessment Report continue to be reasonable and appropriate.

Given the subsurface nature of the archaeological record there is the potential for artifactual material to be unearthed. If any objects are found during construction, the heritage component of the Environmental Protection Plan will be followed. Should human remains be unearthed the project activities at that particular site will temporarily cease and the project archaeologist, RCMP and Historic Resources Branch called immediately.

Addendum to Table B6-1

| Table B6-1: Shovel Tests Completed for the Keeyask Infrastructure Project | | | | | |
|---|---------------|-----------|----------|-----------|---------|
| | Date | Region | Result | UTMX | UTMY |
| 88 | July 27, 2009 | Main Camp | Negative | 15-364463 | 6247168 |
| 89 | July 27, 2009 | Main Camp | Negative | 15-364846 | 6247213 |
| 90 | July 28, 2009 | Main Camp | Negative | 15-361599 | 6248711 |
| 91 | July 28, 2009 | Main Camp | Negative | 15-361278 | 6248850 |
| 92 | July 27, 2009 | Main Camp | Negative | 15-364839 | 6247457 |
| 93 | July 27, 2009 | Main Camp | Negative | 15-364455 | 6247395 |
| 94 | July 27, 2009 | Main Camp | Negative | 15-364514 | 6247145 |