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TITLE	<b>Application for Land Use Permits for Land within the Municipal Boundaries of Norman Wells, Fort Good Hope and Tulita</b>
SECTION	10: Public Involvement
SUBJECT	1: Introduction

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## **PURPOSE**

This section describes the public involvement program used to gather, assess and consider input from northern residents and communities regarding the activities proposed in this land use permit application. This program has been designed and conducted according to the Board's *Public Involvement Guidelines for Permit and License Applicants to the Mackenzie Valley Land and Water Board* dated October 2003 (the Guidelines).

Public involvement activities have taken place in the Sahtu Settlement Area (SSA) since 2002 with respect to various interrelated aspects of the Mackenzie gas project:

- project overview and design concept
- proposed pipeline route, facilities and infrastructure plans
- the Environmental Impact Statement
- geotechnical investigation programs and research work
- consultation and benefits principles
- land access and benefit agreements

The public involvement processes for this land use permit application have both supported and contributed to this application.

A variety of tools and forums have been used to collect public feedback, to identify potential effects and to consider appropriate mitigation. Collection of traditional knowledge (TK) has been one of the important parts of the process. Feedback and concerns gathered from all the public involvement processes have been considered for this application.

The objectives and principles of the public involvement program have been applied consistently for all aspects of the project, and are applicable to activities proposed on Crown, private, Commissioner's and municipal lands.



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TITLE	<b>Application for Land Use Permits for Land within the Municipal Boundaries of Norman Wells, Fort Good Hope and Tulita</b>
SECTION	10: Public Involvement
SUBJECT	2: Public Involvement Program

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## **PUBLIC INVOLVEMENT OBJECTIVES**

Consistent with the Guidelines, the objectives of the public involvement program include:

- advising the community that an application is forthcoming
- introducing the developments to key stakeholders, including SSA communities, Aboriginal organizations and regulatory authorities, that might be affected by the developments
- identifying and responding, where possible, to public concerns
- considering concerns and incorporating TK
- discussing how negative effects will be reduced
- discussing how development plans were modified or prepared to address public concerns
- ensuring adequate extent of public involvement

## **PUBLIC INVOLVEMENT PRINCIPLES**

The principles underpinning the public involvement objectives include the following attributes:

- transparency – providing comprehensive and relevant information about the project that is understandable for non-technical people
- inclusiveness – ensuring all local people, Aboriginal groups and regulatory parties that might be affected by the project are given the opportunity to participate in the public involvement program
- respect – ensuring the views and opinions, culture, language and level of education of all participants as well as the protocols and traditional communication structure are respected
- reasonableness – ensuring the process and time required for reviewing and providing concerns and comments of the residents are reasonable

## **PUBLIC INVOLVEMENT PROGRAM METHODS**

This subject discusses the public involvement methods and activities conducted, the consultation tools and forums used, the materials provided, and the communities and stakeholders involved. An overview of the methods used to develop a TK study is also provided.

The public involvement program has been conducted by:

- fieldworkers hired through community organizations by Imperial to distribute information and record concerns
- northern residents hired by Imperial to act as community representatives
- northern residents hired to act as regional representatives at the Imperial regional office in Norman Wells
- employees and contractors of Imperial, who work closely with the northern representatives to supply information on the project

Methods that have been used to provide information to northern communities include:

- door-to-door, person-to-person informal meetings
- informal telephone communications
- distribution of written material, videos and CDs
- community public meetings
- providing accessible project staff
- meetings with specific groups in communities
- meetings specifically requested by northern communities and residents
- workshops
- traditional knowledge studies conducted by local communities

Activities that have been, and continue to be, part of the public involvement program include:

- identifying key stakeholders
- providing information through local radio stations
- contacting landowners and rights holders that could be affected by the proposed developments
- contacting local community organizations
- developing project information packages including maps, videos and CDs

- distributing project information to key stakeholders
- establishing regional offices to provide a convenient source of information on the project and employment opportunities, as well as a place to voice comments and concerns about the proposed developments
- hiring fieldworkers from the community to assist with public involvement activities
- interacting with youth and educators in schools and training centres
- placing advertisements in local newspapers
- posting announcements regarding the location and dates for public meetings

## **PUBLIC INVOLVEMENT PROGRAM MATERIALS**

Various materials have been created and used for public involvement purposes. These include:

- a Job and Business Opportunities folder and brochure
- periodic newsletters
- artist's impressions of possible production field development options and pipeline facilities
- detailed maps of the proposed pipeline route, infrastructure sites and access roads
- information booklets containing descriptions, maps and pictures of site specific infrastructure plans, geographically bundled to accommodate local understanding
- EIS plain language summary
- Elder and youth Mackenzie gas project story booklets
- a Mackenzie gas project folder with inserts and fact sheets

The inserts and fact sheets, which are updated periodically, include information relating to:

- general project overviews with maps
- business opportunities

- compressor facilities
- education and training opportunities
- employment opportunities
- composition of natural gas
- natural gas production fields, including the Inuvik area facility
- gathering system design and location
- infrastructure requirements and logistics supporting construction
- gas and NGL pipelines
- pipeline construction techniques
- project phases and schedules
- the proponents
- public involvement – describing commitment, process, topical information and the TK process
- the regulatory process

These materials have been distributed broadly throughout the SSA, primarily as handouts at community meetings and in meetings with interested groups. They have also been mailed or delivered as part of door-to-door campaigns and sent to local leaders, the public, regulatory agencies and elected officials.

Additionally, several VHS videos and DVDs have been developed for use at various forums, schools and agencies. They include:

- *“Building a Northern Pipeline”* (available in the English, Inuvialuktun, North Slavey, South Slavey and Gwich’in languages)
- *“Northern Pipeline Construction – Step by Step”* (available in English)
- *“Mackenzie Gas Project Tour of Pipeline Construction”* (available in English)
- *“Pipeline of Opportunity: The Project”* (available in English)
- *“Pipeline of Opportunity: The Environment”* (available in English)
- *“Pipeline of Opportunity: Traditional Knowledge”* (available in English)

- *“Pipeline of Opportunity: Responding to the Communities”* (available in English)

A project website ([www.mackenziegasproject.com](http://www.mackenziegasproject.com)) has also been developed to provide up-to-date project information.



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SECTION	10: Public Involvement
SUBJECT	3: Public Involvement Program Activities

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## **PUBLIC INVOLVEMENT ACTIVITIES**

Public involvement activities have been undertaken for various interrelated aspects of the project including the overall project description, the EIS, geotechnical investigations and research programs, the proposed pipeline route, facilities and infrastructure plans, land access and benefits within the SSA (collectively, the public involvement program). These activities have included about 150 meetings in the SSA, attended by about 1700 people since 2002.

Project infrastructure plans were first introduced through public involvement activities in the towns of Tulita and Déline in March 2003 and the towns of Fort Good Hope and Colville Lake in April 2003 during community meetings. Maps showing proposed locations for construction camps, equipment, materials and fuel storage sites, barge landings and borrow sites were used to aid in these discussions.

On June 4th and 5th, 2003 a regional workshop was held in Norman Wells to further identify issues relating to the proposed infrastructure sites and other project plans. Participants representing all Sahtu communities and various federal and territorial agencies attended this workshop.

During the summer of 2003, Imperial hired community monitors through the towns of Tulita, Norman Wells and Fort Good Hope Renewable Resource Councils (RRCs) to provide guidance during biophysical data gathering, and infrastructure and facility site reconnaissance activities.

In response to concerns raised at the regional workshop in June, additional workshops and meetings were held on September 9th and 10th, 2003 in Fort Good Hope with community residents and the K'ahsho Got'ine Pipeline Working Group. The primary purpose of these meetings was to further identify and address community concerns relating to infrastructure plans near Little Chicago and Fort Good Hope.

During October and November 2003, the project's regional staff and community representatives carried out a door-to-door campaign in the SSA communities to distribute project information, including infrastructure plans and maps, and to record concerns.

In November 2003, letters were sent to Town Councils, Band Councils, Renewable Resource Councils and Land Corporations within the SSA, with aerial photo maps showing preferred and alternative locations for proposed construction camps, barge landings, stockpile sites and staging areas. An overview map was

also provided showing approximate locations of all proposed infrastructure sites, including borrow sites.

In December 2003, letters were sent to K'ahsho Got'ine and Tulita District Town Councils, Band Councils, Renewable Resource Councils and Land Corporations proposing a process for detailed consultation relating to project permit applications for infrastructure sites.

On December 3rd and 4th, 2003, another regional workshop was carried out to further define issues and explore mitigation measures relative to the overall project and site specific infrastructure plans. Community residents representing all SSA communities attended this workshop.

In January 2004, Imperial met with the leaders of SSA community organizations to work out the details of contracts, compensation and field worker selection, training and responsibilities. During these meetings, participants also discussed a process for identifying impacted residents and the timing, approach and method of public involvement.

During February and March 2004, Imperial delivered a one-week training program to all Sahtu consultation fieldworkers. This training included familiarization with the public involvement materials, role-play exercises, practice within the community and mentoring.

Consultation fieldworkers conducted over 300 one-on-one meetings with residents of the towns of Tulita, Norman Wells, Fort Good Hope and Colville Lake during February, March and April 2004. Field workers also held workshops in the towns of Tulita and Fort Good Hope with participation by elders and youth. Videos were shown, handouts provided and concerns were recorded. Weekly telephone conferences were held between fieldworkers and project staff to monitor progress and improve effectiveness during the program.

During April, May and November 2004, meetings were held with the municipalities of Tulita, Norman Wells and Fort Good Hope to progress discussions on how to potentially integrate project infrastructure with the existing infrastructure of the municipalities. These discussions included camp locations and services, access roads, barge landings, airstrips, fuel, equipment and materials storage locations, facility locations and borrow sites.

During the summer 2004, Imperial hired community monitors through the towns of Tulita, Norman Wells and Fort Good Hope RRCs to provide guidance during the biophysical data gathering, and facility and infrastructure site reconnaissance activities.

In July 2004, follow-up discussions took place in all SSA communities in the form of informal visits, meetings with community organizations and public meetings. In addition to other project information and updates, information was provided on project infrastructure plans and community input was requested on

detailed infrastructure maps. Consultation fieldworkers were asked to participate in these meetings and they were given an opportunity to discuss their public involvement activities during these public meetings.

On August 19, 2004, Imperial met with Fort Good Hope leaders and residents and carried out a helicopter trip to the Little Chicago area to inspect proposed infrastructure sites. The residents and leaders involved in the trip included members of the Fort Good Hope Charter Community Council, Band Council, Renewable Resource Council, Yamoga and Metis Land Corporations and other residents familiar with the area.

In November 2004, meetings were held in the towns of Tulita and Norman Wells to provide an update on the winter 2005 geotechnical work program planned for the respective communities and to gather any concerns with the proposed developments.

In April 2005, meetings were held in the communities of Tulita, Norman Wells and Fort Good Hope to provide information on the revised project permit application maps and infrastructure locations proposed in the respective communities.

Since January 2004, public involvement activities directly supporting this land use permit application have included about 40 community meetings in the SSA, with attendance of about 425 community members. As well, about 300 one-on-one meetings with community members were conducted by consultation fieldworkers. [Table 10-1](#) lists these public involvement activities.

**Table 10-1: SSA Public Involvement Activities**

<b>Meeting Date</b>	<b>Location (Number of Attendees)</b>	<b>Meeting Format</b>	<b>Community or Organizations</b>	<b>Nature of the Meeting</b>
January 13, 2004	Fort Good Hope (12)	Meeting	K'ahsho Got'ine Pipeline Working Group (PWG) Fort Good Hope Charter Community Fort Good Hope Metis Local No. 54 Fort Good Hope Dene Band Colville Lake (Ayoni K'eh) Land Corporation Colville Lake Dene Band	Discussed a detailed consultation process to be utilized by K'ahsho Got'ine PWG for the first phase of permit and licence applications.

**Table 10-1: SSA Public Involvement Activities (cont'd)**

<b>Meeting Date</b>	<b>Location (Number of Attendees)</b>	<b>Meeting Format</b>	<b>Community or Organizations</b>	<b>Nature of the Meeting</b>
January 27, 2004	The town of Tulita (10)	Meeting	Tulita Renewable Resource Council (RRC) Fort Norman Metis Association Tulita Land Corporation (TLC) Tulita Dene Band	Discussed the hiring process for community fieldworkers. Also discussed the permit and licence applications and viewed maps of the Tulita area and obtained input on infrastructure and facility site locations in the Tulita District.
January 28, 2004	Norman Wells (2)	Meeting	Municipal and Community Affairs (MACA)	Project information update.
January 28, 2004	Norman Wells (7)	Meeting	Town of Norman Wells Ernie McDonald Land Corporation (EMLC) Norman Wells Renewable Resource Council (RRC)	Discussed the hiring process for community fieldworkers. Also discussed the permit and licence applications and obtained input on infrastructure and facility site locations in the Tulita District.
January 30, 2004	Fort Good Hope (6)	Meeting	Yamoga Land Corporation Fort Good Hope Dene Band Fort Good Hope Metis Local No. 54	Discussed the proposed 2004 winter field geotechnical investigation program.
February 10, 2004	Fort Good Hope (8)	Meeting	Fort Good Hope Charter Community Fort Good Hope Dene Band Yamoga Land Corporation	Discussed the proposed 2004 winter field geotechnical investigation program. Requested approval to proceed with drilling of borrow holes at the Hare Indian (Rabbit-skin) River crossing.
February 17, 2004	Colville Lake (13)	Public Meeting	Colville Lake residents	Provided a project overview, an overview of the EIA process and the related public involvement process. Shared information regarding project-related impacts and mitigation strategies.
February 17, 2004	Norman Wells (6)	Meeting	Municipal and Community Affairs (MACA) Norman Wells Town Council Government of Northwest Territories, Transportation	Provided a project overview, an overview of the EIA process and the related public involvement process. Shared information regarding project-related impacts and mitigation strategies.
February 19, 2004	The town of Tulita (31)	Public Meeting	Tulita residents	Provided community impact assessment and mitigation information. Provided an overview of the activities specific to Norman Wells.

**Table 10-1: SSA Public Involvement Activities (cont'd)**

<b>Meeting Date</b>	<b>Location (Number of Attendees)</b>	<b>Meeting Format</b>	<b>Community or Organizations</b>	<b>Nature of the Meeting</b>
February 20, 2004	Deline (28)	Meeting	DFO DLC DRRC Elders Trappers	Provided overview on the project application process, the project definition and the timeline for application submissions.
February-March 2004	Fort Good Hope and Colville Lake (197)	One-on-One Fieldworker Meetings	Fort Good Hope and Colville Lake residents	Provided information on the permit and licence applications and project infrastructure and facilities.
March-April 2004	The town of Tulita (31)	One-on-One Fieldworker Meetings	Tulita residents	Provided information on permit and licence applications and project infrastructure and facilities.
March-April 2004	Norman Wells (90)	One-on-One Fieldworker Meetings	Norman Wells residents	Provided information on the permit and licence applications and project infrastructure and facilities.
April 7, 2004	Norman Wells (9)	Meeting	Town of Norman Wells Ernie McDonald Land Corporation (EMLC) Municipal and Community Affairs (MACA) Government of Northwest Territories, Transportation	Status update on infrastructure and logistics designs and requirements specific to Norman Wells.
May 18, 2004	Fort Good Hope (34)	Meeting	Fort Good Hope Charter Community Fort Good Hope Metis Local No. 54 Fort Good Hope Dene Band Fort Good Hope Renewable Resource Council (RRC) Yamoga Land Corporation Fort Good Hope Metis Local Fort Good Hope residents	Discussed the proposed new barge landing near the Fort Good Hope airport and the camp/storage site south of airport. Sought community input regarding the suitability of the proposed sites. Confirmed project plans, logistics and temporary infrastructure requirements (camp/storage sites, barge landings, borrow sites, access roads, water sources).

**Table 10-1: SSA Public Involvement Activities (cont'd)**

<b>Meeting Date</b>	<b>Location (Number of Attendees)</b>	<b>Meeting Format</b>	<b>Community or Organizations</b>	<b>Nature of the Meeting</b>
May 19, 2004	The town of Tulita (14)	Meeting	Tulita Land Corporation (TLC) Tulita Dene Band Tulita Renewable Resource Council (RRC) Tulita District Land Corporation Hamlet of Tulita	Requested Tulita input on project plans, logistics and temporary infrastructure requirements (camp/storage sites, barge landings, borrow sites, access roads, water sources) and address areas of concern.
May 25, 2004	Fort Good Hope (6)	Meeting	Fort Good Hope Renewable Resource Council (RRC)	Reviewed 2004 summer reconnaissance program.
May 31, 2004	Tulita (8)	Meeting	Tulita Community Development Working Group	Project information update.
July 6, 2004	Colville Lake (15)	Public Meeting	Colville Lake residents	Project update on regulatory process, employment and business opportunities, contract bidding and pre-qualification, overview of EIA process, permit and licence applications, summer reconnaissance program and 2004/2005 winter field geotechnical investigation program.
July 8, 2004	Déline (4)	Meeting	Déline Renewable Resource Council (RRC) Déline Elders	Project information update.
July 12, 2004	Norman Wells (1)	Meeting	Sahtu Health and Social Services Authority	Project information update.
July 12, 2004	Norman Wells (1)	Meeting	Norman Wells RCMP	Project information update.
July 13, 2004	Norman Wells (4)	Meeting	Resources, Wildlife, Environment Department (RWED)	Project update on regulatory process, employment and business opportunities, contract bidding and pre-qualification, overview of EIA process, permit and licence applications, summer reconnaissance program and 2004/2005 winter field geotechnical investigation program.

**Table 10-1: SSA Public Involvement Activities (cont'd)**

<b>Meeting Date</b>	<b>Location (Number of Attendees)</b>	<b>Meeting Format</b>	<b>Community or Organizations</b>	<b>Nature of the Meeting</b>
July 13, 2004	Norman Wells (10)	Meeting	Municipal and Community Affairs (MACA) Norman Wells Renewable Resource Council (RRC)	Project update on regulatory process, employment and business opportunities, contract bidding and pre-qualification, overview of EIA process, permit and licence applications, summer reconnaissance program and 2004/2005 winter field geotechnical investigation program.
July 13, 2004	Norman Wells (2)	Meeting	Education, Culture and Employment Department	Project information update.
July 13, 2004	Norman Wells (1)	Meeting	Indian and Northern Affairs (INAC)	Project information update.
July 13, 2004	Norman Wells (36)	Public Meeting	Norman Wells residents	Project update on regulatory process, employment and business opportunities, contract bidding and pre-qualification, overview of EIA process, permit and licence applications, summer reconnaissance program and 2004/2005 winter field geotechnical investigation program.
July 14, 2004	Norman Wells (1)	Meeting	Municipal and Community Affairs (MACA)	Provided updated project maps and an information booklet.
July 14, 2004	Norman Wells (1)	Meeting	Norman Wells Cross-Country Ski Club	Project information update.
July 15, 2004	Norman Wells (6)	Meeting	Norman Wells Town Council Members	Project update on regulatory process, employment and business opportunities, contract bidding and pre-qualification, overview of EIA process, permit and licence applications, summer reconnaissance program and 2004/2005 winter field geotechnical investigation program.

**Table 10-1: SSA Public Involvement Activities (cont'd)**

<b>Meeting Date</b>	<b>Location (Number of Attendees)</b>	<b>Meeting Format</b>	<b>Community or Organizations</b>	<b>Nature of the Meeting</b>
July 20, 2004	Fort Good Hope (26)	Public Meeting	Fort Good Hope residents	Project update on regulatory process, employment and business opportunities, contract bidding and pre-qualification, overview of EIA process, permit and licence applications, summer reconnaissance program and 2004/2005 winter field geotechnical investigation program.
July 21, 2004	Fort Good Hope (17)	Elders Luncheon Meeting	Community Elders	Project information update.
July 21, 2004	Fort Good Hope (30)	Public Meeting	Fort Good Hope residents	Project update on regulatory process, employment and business opportunities, contract bidding and pre-qualification, overview of EIA process, permit and licence applications, summer reconnaissance program and 2004/2005 winter field geotechnical investigation program.
July 27, 2004	The town of Tulita (3)	Meeting	Tulita Land Corporation (TLC)	Informal meeting to meet the new TLC President.
July 27, 2004	The town of Tulita(2)	Meeting	Sahtu Renewable Resource Board (SRRB)	Provided project update.
July 27, 2004	The town of Tulita (37)	Public Meeting	Tulita residents	Provided an overview of the regulatory process, benefits update, an overview of the EIA process, permit and licence applications, TK status and winter work programs.
August 19, 2004	Fort Good Hope (22)	Public Meeting	Fort Good Hope Charter Community Fort Good Hope Metis Local No. 54 Yamoga Land Corporation Fort Good Hope Renewable Resource Council (RRC) Fort Good Hope residents and Elders	Discuss the 2003/2004 winter field geotechnical investigation program and address concerns regarding access routes cleared, amount of trees cleared, timber salvage and other topics. Provided information on replacing the winter geotechnical program with a summer program in 2005, supported by helicopters.

**Table 10-1: SSA Public Involvement Activities (cont'd)**

<b>Meeting Date</b>	<b>Location (Number of Attendees)</b>	<b>Meeting Format</b>	<b>Community or Organizations</b>	<b>Nature of the Meeting</b>
August 19, 2004	Fort Good Hope (10)	Helicopter Trip	Fort Good Hope Charter Community Yamoga Land Corporation Fort Good Hope Metis Local No. 54 Fort Good Hope Renewable Resource Council (RRC) Fort Good Hope Elder and Youth DIAND Resource Management Officer	Viewed completed geotechnical fieldwork sites.
November 9, 2004	Tulita (5)	Meeting	Tulita Land Corporation (TLC)	Update on the 2005 winter field geotechnical investigation program.
November 9, 2004	Tulita (1)	Meeting	Tulita Hamlet	Update on the 2005 winter field geotechnical investigation program.
November 10, 2004	Norman Wells (1)	Meeting	Indian and Northern Affairs (INAC) Land Inspector	Update on the 2005 winter field geotechnical investigation program.
November 10, 2004	Norman Wells (9)	Meeting	Municipal and Community Affairs (MACA) Town of Norman Wells Ernie McDonald Land Corporation (EMLC)	Update on infrastructure planning in Norman Wells.
March 9, 2005	Fort Good Hope (4)	Meeting	Fort Good Hope Dene Community Yamoga Land Corporation K'ahsho Got'ine Land Corporation	Discussed infrastructure workshop and TK study.
March 21, 2005	The town of Tulita (1)	Meeting	Tulita District Land Corporation	Discussion regarding application process, winter field geotechnical investigation and general project opportunities.
April 6, 2005	The town of Tulita	Meeting	Tulita Elders	Presented new permit and licence application maps and infrastructure proposed in the Tulita District and sought concerns. Presented new videos.
April 13, 2005	Norman Wells (30)	Lunch and Learn	Norman Wells residents	Reviewed and discussed revised permit and licence application maps with proposed infrastructure sites within the Tulita District.

**Table 10-1: SSA Public Involvement Activities (cont'd)**

<b>Meeting Date</b>	<b>Location (Number of Attendees)</b>	<b>Meeting Format</b>	<b>Community or Organizations</b>	<b>Nature of the Meeting</b>
April 15, 2005	Norman Wells (1)	Meeting	Davis & Company	Discussed relocating the pipeline route near Enbridge right-of-way.
April 20, 2005	Fort Good Hope (22)	Lunch and Learn Meeting	Fort Good Hope District Land Corporation Yamoga Land Corporation K'ahsho Got'ine Land Corporation Sahtu Land and Water Board	Discussed new permit and licence application maps and infrastructure proposed in the K'ahsho Got'ine District and sought community concerns. Presented new videos.
April 20, 2005	Fort Good Hope (27)	Public Meeting	Fort Good Hope residents	Discussed new permit and licence application maps and infrastructure proposed in the K'ahsho Got'ine District and sought community concerns. Presented new videos.
May 9, 2005	Norman Wells (3)	Meeting	DFO Coast Guard Central and Arctic Region Real Property Mgmt Town of Norman Wells	Discussed project requirements regarding coast guard dock use.
May 11, 2005	Norman Wells (35)	Lunch and Learn	Norman Wells residents FGH Renewable Resources Norman Wells RRC Ernie McDonald Land Corporation MVEIRB	Provided project update on recent announcement and showed new videos.
May 18, 2005	Deline (39)	Public Meeting	Deline residents	Provided a project update, Benefits and Training initiatives and viewing of TK and responded to community questions.
May 31, 2005	Fort Good Hope (13)	Meeting	Yamoga Land Corporation K'ahsho Got'ine Community Council Fort Good Hope Metis Land Corporation Northwest Territories House Corporation	Discussed water supply, sewage, garbage, needs for temporary pipeline construction camp and storage sites.

As community concerns were collected, the information was distributed, as appropriate, to engineering, environmental, land and benefits project groups for review and evaluation.

The basis for the community requests and concerns were considered in conjunction with Imperial's objectives for safety, environmental protection, cost and schedule. Community requests were adopted and alternatives were established, where feasible.

During subsequent communications with the communities, community concerns were reviewed, alternatives were discussed and the reasons for selected options were explained.

## **TRADITIONAL KNOWLEDGE STUDY METHODS**

This topic summarizes the methods used, and the progress made, in collecting traditional knowledge in the SSA and incorporating it into the environmental assessment and project design.

Traditional knowledge has been used through many phases of the project. The sources of information have included published reports, community concerns expressed at community meetings and regional workshops, and local knowledge provided by community participants in environmental field programs. The project has initiated a formal TK study with the Tulita District and is in the process of initiating a TK study with the K'ahsho Got'ine District.

The objectives of the TK studies are to ensure that traditional knowledge is considered and that adjustments to the development are incorporated during the design and execution phases of the project, where appropriate.

The work plans for the study are to review existing information and collect new information, and to use both sources of information to develop a TK baseline report.

Steps that are required include:

- establishing TK working groups to develop a framework, determine content, establish a schedule and provide guidance for the TK study with representatives from the:
  - Community and District Land Corporations, Band councils in each of Colville Lake, Fort Good Hope, Norman Wells, Tulita and Déline
  - Mackenzie gas project
  - project environmental consultants
- entering into contracts with designated community organizations which enable them to conduct the TK studies

- discussing Sahtu TK study methods with the Government of the Northwest Territories, Department of Resources, Wildlife and Economic Development, (RWED, now ENR), the Sahtu Geographic Information System Unit and the Sahtu Land Use Planning Board (SLUPB)
- entering into contracts with designated community organizations which enabled them to conduct the TK studies
- determining methods of community participation to ensure that community participants are hired to complete study tasks such as:
  - conducting interviews
  - preparing written reports
  - providing logistical and administrative support
  - recording and processing TK data
  - translating between indigenous languages and English
- determining the types of information to be documented such as historical cultural and spiritual sites, hydrology and hydrogeology, traditional land use, vegetation, wildlife, birds, climate, cumulative effects, fisheries, human health, soil conditions, and other relevant social and environmental issues
- defining the TK study area that might be influenced by project effects on traditional and historical uses and environmental components
- reviewing existing TK information sources and collecting new data by interviewing holders of TK
- preparing a community report that summarizes the approach, methods, and results of the TK study and is designed for distribution to community-based organizations. The report will be produced by the project coordinator with input from the TK working group and project team. Copies will also be submitted to the project team and, with the permission of the community agencies, might be submitted to regulatory authorities as part of the regulatory approval process for the project.

### **TK Progress**

The TK study activities made in the SSA up to May 2005 include:

- The project environmental consultants engaged organizations and consulted with them in regard to ARI research license applications.
- An introductory presentation regarding the proposed approach to TK studies was given to the Behdzi Ahda' First Nation Band, Ayoni K'eh Land Corporation, Déline Dene Band Council, Déline Land Corporation, K'ahsho Got'ine Community Council, Yamoga Land Corporation, Tulita Dene Band

Council, Tulita District Land Corporation and Ernie McDonald Land Corporation.

- The K'ahsho Got'ine Community Council, Yamoga Land Corporation, Tulita Dene Band Council and Tulita District Land Corporation each agreed to participate in the TK studies on a case-study basis. They were provided with a copy of '*A Cooperative Approach to Traditional Knowledge Studies for the Mackenzie Gas Project in the Sahtu Settlement Area*' aimed at structuring the project's TK efforts. Subsequently, the towns of Colville Lake, Fort Good Hope, Norman Wells, Tulita and Déline, agreed to participate in the study and appointed representatives to a regional TK working group.
- The Sahtu TK Working Group was provided with a copy of the document *A Cooperative Approach to Traditional Knowledge Studies for the Mackenzie Gas Project in the Sahtu Settlement Area* and used it as a basis to develop terms of reference for the studies.
- The TK Working Group recommended that the Ernie McDonald Land Corporation, Tulita District Land Corporation and the K'ahsho Got'ine Community Council participate in the TK study as community contract authorities. Imperial distributed draft contract documents to each of these organizations for review. Subsequently, the community organizations decided to conduct TK studies on the basis of land districts instead of proceeding on a regional basis.
- The Tulita Land Corporation and Imperial reached an agreement that Mackay Range Contracting will participate in a study as a community contract authority to complete a TK study relevant to the Tulita area. GreenPipe Industries Ltd. is participating in the study as a subcontractor. Community members were engaged to conduct interviews and enter collected TK into a database.
- The Ernie McDonald Land Corporation and the Déline Land Corporation agreed to designate community members to participate in the Tulita District TK study. The study will include the area around Norman Wells and relevant areas of land used by residents of Déline.
- Information collected in the Tulita District study was used, with community permission, in a winter field geotechnical investigation program Land Use Permit Application submitted to the Sahtu Land and Water Board.
- The K'ahsho Got'ine Community Council advised Imperial to negotiate the district TK contract with 953766 N.W.T. Ltd., the business arm of the Yamoga Land Corporation. Negotiations are still underway.

- Discussions were held with the Government of the Northwest Territories, Department of Resources, Wildlife and Economic Development, Sahtu Geographic Information System Unit and Sahtu Land Use Planning Board on development of the Sahtu TK study methods.

Table 10-2 contains a summary of meetings that have taken place in the SSA related to the TK Program. These meetings, held in conjunction with the collection of TK, provided opportunities for public involvement.

**Table 10-2: SSA Traditional Knowledge Consultation Activities**

Meeting Date	Community or Organization Contacted	Topics Discussed
April 19, 2002	K'ahsho Got'ine Community Council Xahweguweh/Yomaga Land and Financial Corporation Fort Good Hope Métis Local Tulita Dene Band Council Tulita District Land Corporation	TK study methods
April 25, 2002	GreenPipe Industries	TK study methods and role of community consultants and MPEG
May 29, 2002	K'ahsho Got'ine Community Council Aboriginal Pipeline Group	TK study methods
July 3, 2002	K'ahsho Got'ine Community Council Xahweguweh/Yomaga Land and Financial Corporation Fort Good Hope Métis Local Tulita Dene Band Council Tulita District Land Corporation GreenPipe Industries	Presentation on the project's TK study process and a description of <i>A Cooperative Approach to Traditional Knowledge Studies in the Sahtu Settlement Area</i>
July 24-26, 2002	K'ahsho Got'ine Community Council Xahweguweh/Yomaga Land and Financial Corporation Fort Good Hope Métis Local Tulita Dene Band Council Tulita District Land Corporation	TK study methods
July 26, 2002	Sahtu Land Use Planning Board (SLUPB)	TK study methods
August 15, 2002	Yomaga Land Corporation	TK study methods
August 28, 2002	Tulita District Land Corporation	TK study methods
September 4, 2002	Tulita District Land Corporation	TK study methods

**Table 10-2: SSA Traditional Knowledge Consultation Activities (cont'd)**

<b>Meeting Date</b>	<b>Community or Organization Contacted</b>	<b>Topics Discussed</b>
September 17, 2002	K'ahsho Got'ine Community Council Yomaga Land and Financial Corporation Ernie MacDonald Land Corporation Tulita Dene Band Council Mackay Range Contracting Behdzi Ahda' First Nation Band Ayoni K'eh Land Corporation	TK study methods and contractual arrangements
September 26, 2002	Sahtu GIS Unit	TK study progress update
October 8, 2002	Tulita District Land Corporation	TK contractual arrangements
October 21, 2002	Tulita District Land Corporation	TK study methods
October 22, 2002	Yomaga Land and Financial Corporation Tulita Dene Band Council Tulita District Land Corporation Mackay Range Contracting GreenPipe Industries	TK study methods and contractual arrangements
October 23, 2002	Sahtu Grand Chief	TK study progress update
October 28, 2002	Ernie McDonald Land Corporation	TK study methods
October 30, 2002	K'ahsho Got'ine Community Council	TK study progress update
November 13, 2002	Ernie McDonald Land Corporation	Presentation on the TK study process and a description of <i>A Cooperative Approach to Traditional Knowledge Studies in the Sahtu Settlement Area</i>
November 26, 2002	Déline Land Corporation Déline Dene Band	Presentation on the TK study process and a description of <i>A Cooperative Approach to Traditional Knowledge Studies in the Sahtu Settlement Area</i>
November 27, 2002	Ayoni K'eh Land Corporation Behdzi Ahda First Nation	Presentation describing the document <i>A Cooperative Approach to Traditional Knowledge Studies in the Sahtu Settlement Area</i>

**Table 10-2: SSA Traditional Knowledge Consultation Activities (cont'd)**

<b>Meeting Date</b>	<b>Community or Organization Contacted</b>	<b>Topics Discussed</b>
December 18, 2002	Representatives from Ernie McDonald Land Corporation K'ahsho Got'ine Community Council Yomaga Land Corporation Fort Good Hope Métis Local Ayoni K'eh Land Corporation Behdzi Ahda First Nation Tulita Dene Band Council Tulita District Land Corporation Mackay Range Contracting Fort Norman Métis Local No. 60	TK working group meeting
February 4-5, 2003	Representatives from Ernie McDonald Land Corporation K'ahsho Got'ine Community Council Yomaga Land Corporation Fort Good Hope Métis Local Ayoni K'eh Land Corporation Behdzi Ahda First Nation Tulita Dene Band Council Tulita District Land Corporation Déline Dene Band Council Déline Land Corporation	TK working group meeting
February 18, 2003	Sahtu GIS Unit	TK study methods
February 25, 2003	Yomaga Land Corporation Fort Good Hope RRC	TK study methods
February 25, 2003	Sahtu Land and Water Board (SLWB)	TK study methods
March 13, 2003	Sahtu GIS Unit	TK study methods and update
April 2-4, 2003	TK working group	TK working group meeting
May 7, 2003	TK study coordinator	TK study schedule
July 8, 2003	Tulita Land Corporation Tulita Band Council Fort Norman Métis Land Corporation	TK study methods and contractual arrangements
August 11, 2003	Tulita District Land Corporation	Process for completing TK studies
August 26, 2003	Tulita District Land Corporation	Process for completed TK studies

**Table 10-2: SSA Traditional Knowledge Consultation Activities (cont'd)**

<b>Meeting Date</b>	<b>Community or Organization Contacted</b>	<b>Topics Discussed</b>
September 9, 2003	Fort Good Hope residents	Clarification and understand concerns and sensitive areas relating to the proposed pipeline route and infrastructure plans near Little Chicago
September 10, 2003	Fort Good Hope residents	Clarification and understand concerns and sensitive areas relating to the proposed pipeline route and infrastructure plans near Hare Indian (Rabbit-skin) River
December 1, 2003	Déline Land Corporation	TK study methods and contractual arrangements
January 13, 2004	GreenPipe Industries	TK study methods and contractual arrangements
February 9, 2004	Mackay Range Contracting	TK study contract signed
February 19, 2004	GreenPipe Industries	TK study methods
March 5, 2004	GreenPipe Industries	Provided digital data for the SSA
March 11, 2004	GreenPipe Industries	Provided digital data including generalized infrastructure areas, generalized granular source areas, generalized access for said features, and generalized pipeline route corridor
April 1, 2004	GreenPipe Industries	TK study methods
April 6, 2004	Yomaga Land Corporation	TK contractual arrangements
April 6, 2004	GreenPipe Industries	TK study progress
April 7, 2004	Ernie McDonald Land Corporation	TK contractual arrangements
April 29, 2004	Tulita residents GreenPipe Industries	TK study methods
May 19, 2004	GreenPipe Industries TK study community researchers	TK study methods and progress schedule
June 15, 2004	President, K'ahsho Got'ine Land Corporation	Ability to undertake work
July 8, 2004	GreenPipe Industries TK study community researchers	Progress of study
July 23, 2004	GreenPipe Industries TK study community researchers	Progress of TK study and report

**Table 10-2: SSA Traditional Knowledge Consultation Activities (cont'd)**

<b>Meeting Date</b>	<b>Community or Organization Contacted</b>	<b>Topics Discussed</b>
July 27, 2004	GreenPipe Industries TK working group	Progress of TK study and report
August 9, 2004	GreenPipe Industries	TK study progress and report
August 11, 2004	GreenPipe Industries	TK study progress and report
August 19-22, 2004	Tulita residents TK study community researchers GreenPipe Industries	TK report progress and validated geographic information
August 28, 2004	GreenPipe Industries, President	Received TK report and discussed strategy for advancing
September 8, 2004	GreenPipe Industries	The status of the Tulita TK study and the production of a report that could be used for the geotechnical permit application
September 15, 2004	GreenPipe Industries	The status of the Tulita TK study and progress on the production of the sites specific geotechnical report
September 22, 2004	GreenPipe Industries MacKay Range Business Manager	The status of the Tulita TK study and its use within the geotechnical application
September 27, 2004	GreenPipe Industries	Confirmed the accuracy of the TK used in the 2005 winter field geotechnical investigation program land use permit application
September 28-30, 2004	TK study community researcher	Field verification of select important TK sites with TK study community researcher
November 4, 2004	GreenPipe Industries	TK study methods and report and database progress
November 8, 2004	MacKay Range Business Manager	TK study progress
November 10, 2004	Ernie McDonald Land Corporation, President	TK study progress
November 10, 2004	TK study community researcher	TK study progress
November 10, 2004	GreenPipe Industries	TK study progress

**Table 10-2: SSA Traditional Knowledge Consultation Activities (cont'd)**

<b>Meeting Date</b>	<b>Community or Organization Contacted</b>	<b>Topics Discussed</b>
November 15, 2004	GreenPipe Industries	TK study progress and report status
November 22, 2004	Ernie McDonald Land Corporation	TK study progress
November 22, 2004	Mackay Range Business Manager	TK study methods and progress
November 23, 2004	GreenPipe Industries	TK study progress and report status
November 25, 2004	Ernie McDonald Land Corporation	TK study progress
November 25, 2004	Mackay Range Business Manager	TK study methods and progress
November 29, 2004	Mackay Range Business Manager	TK study methods and progress
November 30, 2004	GreenPipe Industries	Review of GIS database and TK study progress
December 3 2004	Mackay Range Business Manager	TK study progress
December 6, 2004	GreenPipe Industries	TK study progress
December 6, 2004	Mackay Range Business Manager	TK study progress
December 7, 2004	Mackay Range Business Manager	TK study progress
December 7, 2004	GreenPipe Industries	TK study progress
December 9, 2004	Norman Wells Working Group Member Mackay Range Contracting GreenPipe Industries	TK study methods and progress
December 13, 2004	Mackay Range Business Manager GreenPipe Industries	TK study progress
January 7, 2005	GreenPipe Industries	Discussed TK study methods and progress
January 13, 2005	GreenPipe Industries	Discussed TK study progress
January 28, 2005	GreenPipe Industries	Discussed TK study progress and methods
February 4, 2005	Mackay Range Business Manager	Discussed TK study progress
February 7, 2005	Mackay Range Business Manager	Discussed TK study progress
February 18, 2005	Mackay Range Business Manager	Discussed TK study methods progress and methods

**Table 10-2: SSA Traditional Knowledge Consultation Activities (cont'd)**

<b>Meeting Date</b>	<b>Community or Organization Contacted</b>	<b>Topics Discussed</b>
March 16, 2005	Mackay Range Business Manager	Discussed TK study methods and progress for Deline portion of TK study
March 2 and March 4, 2005	President, Deline Land Corporation	TK study methods and progress
March 9, 2005	K'ahsho Got'ine Land Corporation	Discussed TK study methods and contractual arrangements
March 10, 2005	Deline Land Corporation	TK study methods and progress
March 10, 2005	Norman Wells community researcher McKay Range Contracting	Training of Norman Wells community researcher
March 11, 2005	Ernie McDonald Land Corporation Norman Wells Renewable Resource Council	TK study progress
March 16, 2005	McKay Range Deline Land Corporation	TK study progress
March 18, 2005	GreenPipe Industries	TK study methods and progress
April 12, 2005	McKay Range	TK study progress
April 12, 2005	McKay Range	TK study progress
April 12, 2005	Working group member	TK study progress
May 2, 2005	GreenPipe Industries	TK study progress

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TITLE	<b>Application for Land Use Permits for Land within the Municipal Boundaries of Norman Wells, Fort Good Hope and Tulita</b>
SECTION	10: Public Involvement
SUBJECT	4: Summary of Public Issues and Concerns

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## **SUMMARY OF GENERAL PUBLIC CONCERNS RELATING TO PROPOSED INFRASTRUCTURE**

The following is a summary of issues and concerns that are common to the communities and relate to the proposed development in general:

- potential effects on infrastructure within the development area, including roads, water supply, waste treatment, medical and other social services
- effects of pipeline construction on local wildlife habitat and migratory routes
- effects of construction activities on fish spawning habitat
- preserving valued terrestrial, archaeological and culturally significant sites
- preserving the land and environment for future generations to engage in traditional pursuits
- potential effects on tourism
- ability of the people within communities to access training, employment and business opportunities
- effect of unions on the ability of local residents to qualify and access employment and business opportunities
- land access revenues and other associated benefits

Primary mitigation strategies were developed to address these concerns and are provided in [Section 8](#).

## **PUBLIC CONCERNS SPECIFIC TO THIS LAND USE PERMIT APPLICATION**

During the public involvement activities directly supporting this application, community concerns were identified and responded to, where practical.

[Table 10-3](#) summarizes concerns raised during public involvement activities and responses provided specific to this application.

**Table 10-3: SSA Summary of Community Concerns**

<b>Community</b>	<b>Community Comments and Concerns</b>	<b>Responses and Follow-up</b>
Fort Good Hope	Request that community monitors report accidents or environmental damage to the communities.	Imperial advised that they depend on community monitors to share information with the community. The monitors are hired through the community organizations and are expected to report to Imperial and the community.
Fort Good Hope	Concern was raised about confidentiality of TK and how it was going to be used.	Imperial advised that ownership of TK remains with the communities. Imperial will only use this information to influence project planning and design, and satisfy regulatory requirements.
Fort Good Hope	Request for first consideration for contracts that will be awarded for work in K'ahsho Got'ine District.	Imperial advised that they must follow a competitive bidding process and advised that benefits agreements will contain conditions for extending preference to local businesses. Imperial also indicated their experience with recent winter programs has shown that local businesses have been successful in securing the majority of contracts.
Fort Good Hope	Concern expressed by some residents regarding the proximity of the proposed construction camp to Fort Good Hope.	Imperial conducted further meetings, workshops and fieldworker visits but were unable to obtain community consensus on a suitable camp location. The originally proposed location was moved further south outside of the municipal boundaries based on community feedback.
Fort Good Hope	Concern expressed regarding the proximity of the proposed barge landing site to the local swimming area near Hare Indian (Rabbit skin) River.	The originally proposed location was moved further upstream, away from the swimming area.
Fort Good Hope	Concern expressed that people in the community do not have enough information to make infrastructure placement decisions. Request for funding to carry out focus group workshops.	Imperial agreed to fund further focus group workshops, which would be managed by the community. A budget was agreed to, maps and site selection criteria to be used in the workshops were provided. The community decided not to proceed with the workshops. Imperial held separate meetings and workshops in the community to provide information and encouraged residents to review maps and provide input. Consultation fieldworkers were hired and trained to carry out one-on-one meetings and focus group discussions.
Fort Good Hope	Concern raised that Imperial is not listening or considering community input on development sites.	Imperial advised they had received and considered community input through public meetings, workshops and fieldworker visits. Siting camp and barge location changes have been made based on this input.

**Table 10-3: SSA Summary of Community Concerns (cont'd)**

Community	Community Comments and Concerns	Responses and Follow-up
Fort Good Hope	Concerns were raised about security measures at camps; how the workers were going to be kept out of the communities.	Imperial advised that each camp would have a security plan in place. The project will respect a community's desire for privacy.
Fort Good Hope	Request that harvester camp areas not be damaged during pipeline construction.	Imperial advised that residents would need to identify the harvester camp areas through the community TK collection studies and therefore, it would be important for the community to proceed with this work as soon as possible.
Fort Good Hope	Avoidance of lakes near cabins and lakes on CNT cut line.	Imperial agreed to evaluate further and respond to the community.
Fort Good Hope	Community requested that further discussions be delayed until after the scheduled Access and Benefits discussions in October 2004.	Imperial honoured this request. However, attendees were reminded that during the July consultation visits, Fort Good Hope leaders supported Imperial proceeding with summer research work and consultations.
Fort Good Hope	Concern was raised regarding the proximity of borrow sites 7.006 and 7.005 to a cabin and three burial sites located on the southeast side of Chick Lake.	This concern was forwarded to the project's engineering group. Information gathered from the final field heritage site will be used to ensure that access to and use of the proposed sites do not interfere with the gravesites and cabin mentioned.
Tulita	Opposition to the proposed borrow sites near Bear Rock. Concerned with location of two borrow sites shown on the project maps. The community recognized that the two proposed borrow sites were disturbed during construction of the Enbridge pipeline and are concerned that if they allow re-entry to these areas, the disturbance will continue to grow.	Imperial advised that the maps are large-scale and the sites in question were actually further from Bear Rock than they appear. It was noted that these are previously disturbed sites. Both borrow sites (7.109P and 7.108P) near Bear Rock were withdrawn from the proposed development plans.
Tulita	Assertion that the Metis are not adequately represented in the TK interviews.	Advised that the TK study working group, which is comprised of representatives from Tulita organizations, selected the TK interviewees. Additional Metis interviewees were added to the program, in consultation with the Tulita TK study working group.

**Table 10-3: SSA Summary of Community Concerns (cont'd)**

<b>Community</b>	<b>Community Comments and Concerns</b>	<b>Responses and Follow-up</b>
Norman Wells	Concern raised that Bell 212 helicopters disturb moose and caribou and should not be used. Request that local people be consulted on the location of the herds on islands so they can be avoided.	Except during take off and landing, the Bell 212 helicopters will endeavour to fly high enough not to disturb the herds. TK information collected by the communities will help raise awareness of the location of the herds.
Norman Wells	Concern that access to certain areas will be cut off during construction.	Imperial advised that the project should not affect access to traditional use areas during construction.
Norman Wells	Concern about the amount of artificial lighting that will be used.	During construction, artificial lights will be required given the short winter daylight. This will take place primarily over two winter periods. Once construction is complete, the compressor stations will have permanent lights.
Norman Wells	Request that heavy equipment not be used to remove trees as it creates root balls.	Imperial's preferred approach is to use hydro-axes and feller-bunchers wherever possible to avoid the root ball issue.
Norman Wells	Local DIAND representative suggested that the proposed Bear River vehicle crossing location has rapids and thin ice conditions that would make it difficult to prepare an ice road. Suggested an alternative location.	Imperial advised that the location selected was based on concerns raised with the initially proposed vehicle crossing by the community of Tulita. Imperial agreed to review the crossing location suggested by the local DIAND representative.
Norman Wells	Impact of the project on the cross-country ski trails and snowmobile trails in the vicinity of Norman Wells. If the trails are temporarily disturbed, they should be reclaimed.	Imperial received maps of the cross-country trails, noted the concerns and advised that if the ski trails were disturbed, reclamation would take place.
Norman Wells	Local DIAND office requested to be kept informed of all proposed camp locations, geotechnical sites and main project work plans.	Imperial agreed to continue to inform DIAND of the proposed project plans and programs.
Norman Wells	Request for measures to ensure Imperial awards contracts to legitimate northern companies and not to 'paper' joint venture companies.	Imperial advised that they share this concern. However, the details of these joint venture arrangements are often confidential. Imperial has been verifying the existence of the northern affiliations, because it is an important part of assessing "best value". The project is not privy to the details of these arrangements.
Norman Wells	The town requested that Imperial share the results of their granular study with the town.	Imperial has shared the results of the geotechnical investigation sites within the town's vicinity.

**Table 10-3: SSA Summary of Community Concerns (cont'd)**

<b>Community</b>	<b>Community Comments and Concerns</b>	<b>Responses and Follow-up</b>
Norman Wells	Concern with potential impacts of pre-clearing and remediation subcontractors on the community.	Imperial agreed to share information with the town about the mobile camps as soon as it is available.
Norman Wells	Request for information on town infrastructure (landfill, sewage and water) required for the project.	Imperial advised the project will not be using the landfill. The gray water will be treated and might be used on the right-of-way and roads and the sludge will be incinerated. Imperial agreed to continue to share information with the town manager.
Norman Wells	Indicated that the town would need extra tankage if the project wanted to use the town's water supply.	Imperial will be interested in purchasing water from the town. However the overall water requirements are still being calculated.
Norman Wells	Request by EMLC to use Tulita District private lands to locate the construction camp in Norman Wells.	Imperial evaluated the possibility of using EMLC lands inside the MACA boundaries and found that the areas were either too small or required substantial cut and fill or both. They are not feasible for the main camp or storage area. There is some potential for the mobile camps, if the locations fit into the long-range town plans for a business park.
Norman Wells	Interest expressed by the town in retaining some of the camp and its equipment.	Imperial will send a plot plan indicating all the camp components to the town. The town can then do an assessment of whether they could use any of the components in their plans.
Norman Wells	Concern expressed about the amount of traffic in the community and the use of town roads – request to limit traffic in the community.	Request to limit traffic through town is noted and will be taken into consideration in project planning. If the new proposed winter bypass is in place, it will help to limit the required trips through town.
Norman Wells	Concern expressed over the use of the Coast Guard barge landing area and how it would affect local recreational users.	Imperial committed to continue to work with the Coast Guard and the town to find a feasible solution.
Norman Wells	Concern expressed about overloading the local RCMP services.	Imperial advised they are discussing these issues with the RCMP office in Yellowknife.
Norman Wells	EMLC request to use Tulita District private lands for the Norman Wells compressor site location.	This possibility was evaluated and determined not feasible because it would require shifting the location of other compression facilities upstream and downstream.
Norman Wells	Inquiry about the number of barge landings and if an all-weather road would be more helpful than numerous permanent barge landings.	The proposed barge landings between Wrigley and Arctic Red River are all temporary. Therefore, an all-weather road is not necessary.

**Table 10-3: SSA Summary of Community Concerns (cont'd)**

Community	Community Comments and Concerns	Responses and Follow-up
Norman Wells	Inquiry about using the empty barges to haul garbage and recyclables (old car bodies) away.	Imperial is not prepared to commit to back hauling the old car bodies, however, if it was feasible, it could possibly be done only on a best-efforts basis.
Colville Lake	Question if the project will proceed if there is disagreement between the landowners and the regulatory boards.	The project requires all regulatory approvals and agreements from the landowners to be in place before commencing construction. The Land Claim Agreement contains arbitration provisions if access terms cannot be negotiated.
Colville Lake	Concern that the project might affect subsistence harvesting and traditional land use to a point where the people in the community might not be able to sustain themselves.	Imperial advised that the first objective is to design the project to avoid those impacts. Where that is not practical, impacts are reduced through mitigation measures. Where harvesting is adversely affected, compensation will be provided. Imperial does not anticipate long-term impacts to traditional harvesting.
Colville Lake	Concern that construction of the pipeline is going ahead without recognition or consideration of the Elders and community's concerns. Perception that Imperial is not listening because they are moving ahead with the project. Elders would like direct involvement in the planning process, possibly by forming an Elders Committee to aid in the exchange of information.	Imperial indicated that they have been consulting with Colville Lake residents since early 2002 and have received some very good input. Colville Lake residents have been involved in helping Imperial identify impacts and mitigation plans. Colville Lake residents have been invited to participate in the TK collection program with Fort Good Hope and have participated in the regional environmental workshops. Imperial agreed to meet with an Elders committee and attended the Sahtu regional Elders committee meeting on August 11, 2004.
Colville Lake	Question on the type of access roads that will be built in the region.	Some all-weather roads will be required to allow the movement of pipe and equipment during the summer months. However, most access roads will be winter roads.
Colville Lake	Concern about the location of the barge landing site and campsite near Fort Good Hope.	The barge landing site and camp were relocated further south to avoid interference with the local swimming area and to increase this distance from the community.
Colville Lake	Concern was raised that borrow site 6.036AP is too close to a trapping area and cabin.	The initial concern was based on viewing a large scale map. However upon field verification, the trapper area and cabin were found to be a considerable distance away from the proposed borrow site 6.036AP. Geotechnical investigation of the site was completed during the 2004 winter field geotechnical investigation program.

**Table 10-3: SSA Summary of Community Concerns (cont'd)**

Community	Community Comments and Concerns	Responses and Follow-up
Déline	Request that detailed TK information be gathered for all proposed areas of development to ensure traditional sites are identified and avoided.	Déline has been offered an opportunity to participate in the Tulita District TK study, which would ensure that potential traditional use overlap areas are considered.
Déline	Request for Elders to accompany Imperial when assessing the proposed pipeline route around Blackwater River since it is a sacred area.	The local communities have chosen the individuals to act as monitors during information gathering trips.
Déline	Request to ensure that TK is collected in areas proposed for barge landing sites and all season roads to ensure that damage and disruption is kept to a minimum.	Maps were displayed during public meetings and workshop and input was sought on these sites at that time. The sites are within the geographic scope of the TK collection programs and Imperial will continue to involve community monitors in site reconnaissance activities.
Déline	Concern that trenching the Bear River, bank to bank, has the potential to cause erosion.	The project is planning a horizontal direction drill crossing of the Great Bear River. The geotechnical investigation program will provide information necessary to ensure the viability of an HDD at this site.
Déline	Concern related to number of trucks that will be travelling the winter road and how that will affect local traffic.	Safety is the project's number one priority and there will be controls in place to ensure that people know when and where the trucks are moving.
Déline	Concerns about restoration and survival of the land and wildlife for future generations. Advised that the animals are very sensitive to activity on the land and the community does not want to see the wildlife permanently leave the area.	The land will be temporarily affected, however, the project will make every effort to minimize disturbance to the land, as per the commitments outlined in the EIS.
Déline	Advised there are sacred areas around Blackwater River that are not marked on the maps and these areas need to be avoided.	The communities need to identify these areas and communities are in the process of gathering TK information to assist in project planning around these sacred areas. If necessary, Imperial will consider alternative locations for the compressor site at Blackwater River.
Déline	Concern that the Sahtu Land and Water Board (SLWB) may be issuing permits without adequate consultation and without permission of the communities.	Imperial advised that they understood that the SLWB screens applications for completeness and then provides copies to communities for their input, before issuing any approvals. It was recommended that communities speak to SLWB directly about their concerns.



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TITLE	<b>Application for Land Use Permits for Land within the Municipal Boundaries of Norman Wells, Fort Good Hope and Tulita</b>
SECTION	10: Public Involvement
SUBJECT	5: Examples of Public Involvement Program Results

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## **PROJECT MODIFICATIONS RESULTING FROM THE PUBLIC INVOLVEMENT PROGRAM**

Modifications to project developments that have resulted from public involvement activities in the SSA are described in this subject.

### **Pipeline Reroutes**

#### **Bear Rock to Great Bear River**

Two routes near Bear Rock and across the Great Bear River were assessed.

- preliminary route (adjacent to the Enbridge pipeline)
- low pass alternative route

The community of Tulita was concerned with the proximity of the preliminary route (adjacent to the Enbridge pipeline) to Tulita's water intake system. Once the routes were assessed, the low pass alternative was chosen because:

- the route is farther away from the Tulita water intake system
- there are less sidehill slopes and fewer tight sidebends
- there is more workspace available at this Great Bear River crossing, which is about 6 km upstream of the Enbridge pipeline river crossing

### **Infrastructure Site Relocations**

Several infrastructure sites in the SSA were relocated or are being reassessed as a result of concerns raised by local communities. Several examples are provided in this subject.

#### **Norman Wells Pipeline Construction Camp**

A number of pipeline construction camp locations within the MACA boundaries were presented to the community as possible alternatives. The town of Norman Wells and the Ernie McDonald Land Corporation (EMLC) suggested a preferred camp location, which was located to the southwest of one of the project's proposed camp locations. They indicated that their proposed campsite location could be utilized as an industrial site after the project is completed. Imperial

agreed to assess the proposed alternative and noted that from an initial assessment, the alternative location appears suitable.

### **Fort Good Hope Pipeline Construction Camp**

The project had initially proposed several options for a pipeline construction camp location within the municipality of Fort Good Hope. Community feedback during public meetings, workshops and during fieldworker one-on-one consultations indicated that many residents preferred the camp to be farther away from the community in order to limit potential impacts. Alternative locations were considered and a new camp location south of the Fort Good Hope airport, and outside of the municipal boundaries, was selected.

### **Tulita East Barge Landing Site and Storage Site**

Originally a barge landing and storage lay-down site was proposed within the Hamlet of Tulita. The community raised concern over the use of the Tulita barge landing due to the potential increase in the amount of traffic through Tulita that could result. A new barge landing and storage lay-down was identified at 12 Mile Point, south of Tulita, with participation and agreement from community Elder representatives.

### **Fort Good Hope Barge Landing Site**

The Fort Good Hope barge landing site originally proposed by Imperial was near the Hare Indian (Rabbit-skin) River area. During public meetings, workshops and fieldworker one-on-one consultations in Fort Good Hope, residents voiced concerns about the proximity of the proposed barge landing to the local recreational area. The community recommended that the barge landing be located farther south of Fort Good Hope. Alternative locations were considered and a new barge landing near the Fort Good Hope airport was selected.

## **Borrow Site Relocations**

### **Borrow Sites 7.109P and 7.108P**

Initially, development of two existing borrow sites (7.109P and 7.108P) was proposed in the Bear Rock area. The local community considers this a highly sensitive area and requested that alternative locations be considered. As a result of community input, these sites were dropped from the development plans and alternative borrow sites are being evaluated.