

## PUBLIC CONSULTATION

APPLICATION FOR APPROVAL OF  
THE DEVELOPMENT PLAN FOR  
TAGLU FIELD  
PROJECT DESCRIPTION

## INTRODUCTION

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**11.1.1 SCOPE**

This section summarizes the consultation activities specific to the Taglu field development, and is intended to supplement the materials in the *Mackenzie Gas Project Public Consultation, Volume 1: Consultation Program*, and the material in the Mackenzie Gas Project EIS, copies of which have been filed with this development plan application. It sets out Taglu-specific issues that were identified during these consultation activities, and the proponent's responses to those issues.

**11.1.2 PROCESS**

The Taglu field development consultation activities have been integrated into the consultation program developed by the Mackenzie Gas Project proponents. This approach was adopted recognizing Imperial Oil Resources Limited's role as owner and operator of the Taglu field and Imperial Oil Resources Ventures Limited's role as operator of the Mackenzie gathering system and Mackenzie Valley pipeline. Coordinated consultation activities among all components of the Mackenzie Gas Project also benefit communities and regulatory agencies, in relation to managing their time and commitment to the consultation process.

The Mackenzie Gas Project proponents' coordinated approach to consultation has provided the Taglu proponent the opportunity to directly participate in or be represented in many of the Mackenzie Gas Project consultation activities. This approach includes participation in the public participation activities associated with preparing the Taglu field development EIS. This assessment is an integral component of the Mackenzie Gas Project EIS. For further information on the public participation activities, see EIS Volume 1, Overview and Impact Summary.

Taglu's participation in Mackenzie Gas Project consultation activities included:

- developing printed material and brochures
- exchanging information at workshops, public meetings and open houses
- seeking input from community representatives and regulators
- communicating with community leaders

### 11.1.3 CONSULTATION FOCUS

Early consultation identified that the Taglu field development was of significant interest to the people of the Inuvialuit Settlement Region and the Gwich'in Settlement Area. Consultation activities for Taglu have primarily focused on these settlement areas. Key stakeholders include the communities of:

- Sachs Harbour
- Paulatuk
- Holman
- Tuktoyaktuk
- Inuvik
- Aklavik
- Tsiigehtchic
- Fort McPherson

Infrastructure, logistics and transportation required to support the Taglu development are an integral part of the Mackenzie Gas Project, and have been addressed in project consultation activities throughout the Beaufort Delta and Mackenzie Valley areas.

### 11.1.4 ONGOING CONSULTATION

Taglu field development consultation will extend beyond the regulatory submission and will continue through the Construction Phase, as well as throughout the Operations Phase and abandonment and reclamation.

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## PUBLIC ISSUES AND CONCERNS

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**11.2.1 COMMON COMMUNITY CONCERNS**

Many of the concerns that were raised at the public meetings were common throughout the Mackenzie Gas Project. The following concerns are documented in the *Mackenzie Gas Project Public Consultation, Volume 1: Consultation Program*:

- the impact of drilling and construction on local fish and wildlife habitats
- the need to preserve:
  - terrestrial, archaeological and culturally significant sites
  - the land and environment for future generations to engage in traditional pursuits
- the visibility of, and noise from, facilities and activities at or near areas that are used and enjoyed by residents and visitors to the area
- the impact of development on the tourist potential of the area
- the potential effects of the project on infrastructure within the project area, such as roads, water supply, waste treatment, medical and other social services
- the capacity in the communities for reviewing regulatory material, conducting consultation and negotiating benefits
- the possible effects of increased disposable income contributing to alcohol and drug abuse and displacement of traditional lifestyles
- the ability of the people within communities to access training, employment and business opportunities
- the desire for land access revenues and other associated benefits

**11.2.2 RESPONSE TO COMMON COMMUNITY CONCERNS**

In response to concerns about fish, wildlife, culture, traditional practices, tourism, income, infrastructure siting and other impacts, the Mackenzie Gas Project proponents have:

- completed biophysical and socio-economic baseline studies
- initiated traditional knowledge studies conducted by the communities, to contribute to the understanding of the project's potential impacts
- held meetings on specific infrastructure concerns
- met with municipal representatives to discuss shared infrastructure use, such as:
  - roads
  - utility services, including waste management and electrical power
- developed mitigation measures

In response to concerns about trade unions, the proponents have met with labour group representatives and developed a labour relations strategy.

In response to concerns about communities' ability to effectively communicate with the proponents, the proponents have encouraged governments to provide resources to support negotiations and regulatory reviews. The proponents have contributed funds to assist communities in negotiating access and benefits agreements.

In response to concerns about jobs, training and business opportunities, the proponents have:

- developed preliminary information brochures on job and business opportunities and distributed them during public meetings, door-to-door visits, career fairs, local radio information programs and community gatherings
- encouraged community residents to send information, in any form, about their capabilities and interests to the project's regional office
- participated in career fairs
- entered into benefits agreements negotiations to support the project
- entered into benefits agreements for geotechnical work programs, where applicable, to gather preliminary data to supplement engineering studies
- held meetings in communities to explain the pre-qualification process for contracts that would be awarded to carry out the geotechnical programs

- broken geotechnical work down into smaller packages to allow local businesses to qualify for the work, and adjusted the insurance requirements to allow smaller community businesses to secure insurance commensurate with services to be provided
- facilitated and participated in community meetings with contractors and residents to explain job opportunities and to recruit local residents to fill positions

During the consultation process, the Taglu field development group identified to the communities that it was conducting a feasibility study to evaluate constructing and transporting the Taglu gas conditioning facility on a marine barge (the marine barge option). Community concerns were raised regarding this option. Results of the feasibility studies of this option indicated that there were technical and potential environmental concerns with the physical size of the barge, the foundation requirements and transportation to site. Based on these concerns, the land-based option was selected. The community was notified of this decision.

### 11.2.3 COMMUNITY CONCERNS RELATED TO THE ISR AND GSA

During consultation meetings held in the Inuvialuit Settlement Region (ISR) and the Gwich'in Settlement Area (GSA), issues were raised specific to the Inuvialuit and Gwich'in people. Some of these concerns and potential mitigations are documented in Table 11-1. This table focuses on issues and concerns that the Taglu field development group can directly influence through the design, drilling and construction phases. For socio-economic and environmental issues and mitigations, see the Mackenzie Gas Project EIS.

**Table 11-1: Community Concerns and Mitigation**

Impact Area	Concern	Potential Mitigation
Reclamation	Concern about how the facilities will be abandoned at the end of the project	An abandonment and reclamation plan will be developed, at the appropriate time, to accepted industry and community standards.
Dredging	Impact of dredging on beluga whales and other marine populations	Land-based drilling and gas conditioning facility concepts that will not require dredging will be selected.
Drilling sumps	Concern about cleanup of abandoned drilling sumps	A sump assessment program will be completed.
Drilling fluid disposal	Concern about disposal of drilling fluids from development wells	Deep well disposal has been selected for drilling cuttings.
Footprint	Canadian Wildlife Service concerns about footprint in the Kendall Island Bird Sanctuary Concerns about impact of footprint on wildlife harvesting	Plot size reduction studies to reduce overall footprint have resulted in footprint reductions from initial designs. Offsite staging sites have been considered to reduce footprint inside Kendall Island Bird Sanctuary. Drilling will use already disturbed area at Bar C to minimize laydown area and plot space in Kendall Island Bird Sanctuary. Drilling will be conducted from a single location to reduce footprint.

Table 11-1: Community Concerns and Mitigation (cont'd)

Impact Area	Concern	Potential Mitigation
Footprint (cont'd)		A detailed barge footprint study was conducted and a land-based facility was selected because the barge option did not reduce footprint. Aerial coolers might be stacked on top of modules to reduce spacing.
Wildlife	Concern that defensive grizzly kills will reduce tags available to local hunters	Wildlife protection management plans will be developed. Plans will encompass the use of local wildlife monitors.
	Concern that the noise and light from flaring will disturb nesting birds in Kendall Island Bird Sanctuary	Design will minimize frequency and duration of emergency flares. Planned maintenance flaring outside of nesting season will be considered.
Lights and visibility	Suggestion that facilities should blend in and not be bright silver or bright orange	Colour scheme will match surroundings, similar to that depicted in Taglu artist's drawings.
	Concern about bright lights from facilities being visible for long distances and potentially disturbing wildlife	Where practical, light shields and low levels of lighting will be incorporated into the design.
Noise	General concerns about noise and the impact on wildlife	Noise mitigation technologies will be applied, such as incorporating soundproofing into buildings.
	Concern about noise from helicopters affecting nesting patterns in Kendall Island Bird Sanctuary	Fixed-wing aircraft capacity is planned to reduce the number of helicopter trips. Flight corridors for helicopters and fixed-wing aircraft will be incorporated.
Spills and leaks into the environment	Concern about spills and leaks entering waterbodies	Containment measures will be designed into all facilities. Inspection programs will ensure the integrity of the equipment. An emergency spill response plan will be put into place in case of a spill.
	Concern about chemicals from pressure-treated wood piles leaching into the water and causing negative impacts on aquatic life	If wood piles are used, they will be pressure treated with an acceptable non-toxic substance.
	Concern that area flooding will carry harmful chemicals into water bodies	Facilities and storage will be elevated high enough to protect them from flooding. Containment measures will be designed into all facilities and an emergency spill response plan will be put into place.
Climate change	Concern about the effect of climate change on flood water levels	Changing flood water levels will be one of the factors taken into account when determining the elevation of the Taglu facilities.
Other requests	Request that Taglu will provide shelter for hunters who are nearby during storms	Taglu will consider providing a heated emergency shelter at the plot edge of the facilities.

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## CONSULTATION SESSIONS

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**11.3.1 CONSULTATION MEETINGS**

Many meetings have been conducted to present the scope of the Taglu field development and to receive feedback from the communities. The purpose of these meetings was to:

- introduce the public to the project's scope and component parts
- continue the frequent communication with the public, local leaders and authorities during the Project Definition Phase
- keep the public informed of the various options for the project
- gather and incorporate, where practical, community input

These meetings were in the form of:

- workshops
- public meetings
- one-on-one contact between Taglu and community representatives

The formats of these meetings are outlined in the *Mackenzie Gas Project Public Consultation, Volume 1: Consultation Program*.

Table 11-2 lists the communication and consultation meetings during which Taglu was discussed. This table does not include the EIS workshops, which are documented separately in EIS Volume 1, Overview and Impact Summary.

**Table 11-2: Communication and Consultation Meetings**

<b>Date</b>	<b>Topics</b>	<b>Community or Organization Contacted</b>
<b>2002</b>		
Jan 27	Project update	Gwich'in Tribal Council Board of Directors
Feb 20	Project update, environmental work	Inuvialuit Regional Corporation
Feb 21	Project update, status of engineering contract	Gwich'in Tribal Council, in Inuvik
Mar 13 to 15	Project update, career information	Inuvik Career Fair
Apr 24	Project update	INAC
Jun 5	Project update	GNWT MLAs
Jun 11	Project update, socio-economic impacts	Aklavik
Jun 11	Project update, socio-economic impacts	Gwich'in Tribal Council, in Inuvik
Jun 12	Project update, employment, business opportunities, training and education, community and cultural impacts, traditional knowledge, migratory birds and other wildlife	Northern regulatory agencies, in Inuvik
Jun 12	Project update, socio-economic impacts, employment and business opportunities, training and education, monitoring and communication and consultation process	Community meeting, in Inuvik
Jun 12	Project update, communication and consultation process, employment opportunities and socio-economic impacts	Nihtat (Inuvik) Renewable Resources Council
Jun 12	Project update, housing	Inuvik Town Council
Jun 12	Project update, socio-economic impacts, employment, business opportunities, training and education, monitoring and traditional knowledge	Inuvik Native Band
Jun 13	Project update, socio-economic impacts, employment, training and education, community and cultural impacts and monitoring	Sachs Harbour, community meeting
Jun 13	Project update, fisheries, employment opportunities, design, construction, socio-economic impacts and Travaillant Lake sensitivities	Tsiigehtchic, community meeting
Jun 13	Project update, traditional knowledge, socio-economic impacts and employment opportunities	Fort McPherson, community meeting
Jun 14	Project update, employment, business opportunities, and training and education	Holman, community meeting
Jun 14	Project update, socio-economic impacts, employment, business opportunities, training and education, and traditional knowledge	Paulatuk, community meeting
Jun 20 and 21	Presentations on project update, jobs, business opportunities, training, education and environment	Inuvik Petroleum Show
Oct 1	Mackenzie Gas Project office opening	Open house, Inuvik
Nov 4	Review of field development for Parsons Lake, Taglu and Niglintgak	Gwich'in Development Corporation and Gwich'in Tribal Council, in Inuvik
Nov 4	Review of field development for Parsons Lake, Taglu and Niglintgak	Nihtat Gwich'in and Nihtat Renewable Resource Council, in Inuvik

**Table 11-2: Communication and Consultation Meetings (cont'd)**

Date	Topics	Community or Organization Contacted
<b>2002</b>		
Nov 4	Review of field development for Parsons Lake, Taglu and Niglintgak	Principal, Vice Principal and student representatives for Samuel Hearne Secondary School, in Inuvik
Nov 5	Review of field development for Parsons Lake, Taglu and Niglintgak	Department of Justice; Canadian Coastguard; Inuvik Community Corporation; Inuvik Development Corporation; INAC; Inuvialuit Regional Corporation; Arctic Oil and Gas; Beaufort Delta Self Government; Gwich'in Tribal Council; Environment Canada; Mackenzie Valley Aboriginal Pipeline Group; Inuvik Hunters and Trappers Committee; and Inuvialuit Joint Secretariat Community Support Unit, in Inuvik
Nov 5 to 7	Project update, winter field geotechnical investigation program, access agreement and participation	Inuvialuit Land Administration, in Inuvik
Nov 5 to 7	Project update, winter field geotechnical investigation program, and benefits and access agreements	Gwich'in Tribal Council, in Inuvik
Nov 6	Cross-cultural training	President, Ehdiiat Gwich'in and Nethru Consulting, in Calgary
Nov 6	Review of field development for Parsons Lake, Taglu and Niglintgak	Aklavik Band, Aklavik Elders Committee, Aklavik Community Corporation, Ehdiiat Renewable Resource Council, Inuvialuit Environmental and Geotechnical Inc., in Aklavik
Nov 7	Review of field development for Parsons Lake, Taglu and Niglintgak	Moose Kerr School District Education Authority and school representatives from Moose Kerr School, in Aklavik
Nov 7	Review of field development for Parsons Lake, Taglu and Niglintgak	Inuvialuit Land Administration, in Tuktoyaktuk
Nov 7	Review of field development for Parsons Lake, Taglu and Niglintgak	Mangilatuk School, in Tuktoyaktuk
Nov 8	Review of field development for Parsons Lake, Taglu and Niglintgak	Inuvialuit Land Administration, Tuktoyaktuk Environmental Services, and Tuktoyaktuk Development Corporation, in Tuktoyaktuk
Nov 8	Review of field development for Parsons Lake, Taglu and Niglintgak	Tuktoyaktuk Community Corporation, Tuktoyaktuk Hunters and Trappers Committee, and Tuktoyaktuk Elders Committee
Nov 14	Socio-Economic Impact Assessment and Environmental Impact Assessment, issues scoping workshop	Open house, Tuktoyaktuk
Dec 4	Project update	Open house, Tuktoyaktuk
<b>2003</b>		
Feb 9	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Open house, Fort McPherson

**Table 11-2: Communication and Consultation Meetings (cont'd)**

Date	Topics	Community or Organization Contacted
<b>2003</b>		
Feb 10	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Open house, Tsiigehtchic
Feb 11	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Tuktoyaktuk Hunters and Trappers Committee and community members, in Tuktoyaktuk
Feb 11	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Workshop involving Tuktoyaktuk Community Corporation, Elders committee, Fisheries and Oceans Canada (DFO), and Inuvialuit Environmental and Geotechnical, in Tuktoyaktuk
Feb 11	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Open house, Tuktoyaktuk
Feb 12	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Inuvik Hunters and Trappers Committee; Joint Secretariat, Gwich'in Renewable Resource Council; GNWT Resources, Wildlife and Economic Development; Aurora Research Institute; Aurora College; Kavik Group; DFO; and other local business representatives, in Inuvik
Feb 12	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Workshop including representatives from the Joint Secretariat, Inuvik Hunters and Trappers Committee, Elders Committee, DFO, Inuvialuit Game Council, Gwich'in Band Council and Inuvialuit Regional Corporation, in Inuvik
Jun 4	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Open house, Aklavik
Jun 5	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Open house, Tsiigehtchic
Jun 5	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Open house, Fort McPherson
Jun 18	Project update, including news releases on APG funding and participation agreements, and Preliminary Information Package submission	Inuvik Petroleum Show, Inuvik
July 15-16	Presentation of the Mackenzie Gas Project Preliminary Information Package	Mackenzie Valley Land and Water Board, Mackenzie Valley Environmental Impact Review Board, Yellowknife
July 29	Discussion of Preliminary Information Package	Environmental Impact Screening Committee, Environmental Impact Review Board, Joint Secretariat, Inuvik
July 30	Discussion of Preliminary Information Package and Cooperation Plan	INAC, Inuvialuit Joint Secretariat, Wildlife Management Advisory Committee, Inuvialuit Game Council, Inuvik
Sep 8	Review of Taglu and Niglintgak barge option for gas conditioning facility	NEB, Calgary
Sep 11	Review of Taglu and Niglintgak barge option for gas conditioning facility	NEB, Inuvialuit Joint Secretariat, CEAA, Calgary

**Table 11-2: Communication and Consultation Meetings (cont'd)**

Date	Topics	Community or Organization Contacted
<b>2003</b>		
Sep 23	Project update, Niglintgak and Taglu barge processing option	Environmental Impact Screening Committee, Inuvik
Oct 1	Project update	Gwich'in Renewable Resource Board, in Fort McPherson
Oct 3	Project update	Inuvialuit Game Council, in Whitehorse
Oct 12	Project update	Private residents, in Fort McPherson
Oct 14	Project update	Private residents, in Fort McPherson
Oct 20	Project update	Private residents, in Tsiigehtchic
Oct 20	Water Licence Application process	Northwest Territories Water Board, Calgary
Oct 21	90-minute presentation from the Preliminary Information Package and winter field geotechnical investigation program	Radio presentation, in Tsiigehtchic
Oct 23	Discussion on Preliminary Information Package and winter field geotechnical investigation program	Chief, Gwichya Gwich'in Council, in Tsiigehtchic
Oct 27	Project update and review of field development for Taglu, Parsons Lake and Niglintgak – workshop	Inuvik
Oct 27	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Inuvik, community meeting
Oct 28	Project update and review of field development for Taglu, Parsons Lake and Niglintgak – workshop	Aklavik
Oct 28	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Aklavik, community meeting
Oct 28	Project update	MLA, Twin Lakes, in Inuvik
Oct 29	Project update and review of field development for Taglu, Parsons Lake and Niglintgak – workshop	Tuktoyaktuk
Oct 29	Project update and review of field development for Taglu, Parsons Lake and Niglintgak	Tuktoyaktuk, community meeting
Oct 29	Project update	Corporate manager, Inuvik Community Corporation
Oct 29	Project update	MLA, Boot Lake, in Inuvik
Nov 5	Project update	Private resident, in Inuvik
Nov 5	Project update, training, education and employment	Sub-Chief, Nihtat Gwich'in Council, in Inuvik
Nov 7	Project update, winter field geotechnical investigation program	CBC Gwich'in Announcer, in Inuvik
Nov 20	Review of Taglu and Niglintgak barge option for gas conditioning facility	Canadian Environmental Assessment Agency, Indian and Northern Affairs Canada, Natural Resources Canada, Department of Fisheries and Oceans, National Energy Board, Calgary
Nov 26	Granular, PPAs	INAC, Inuvialuit Land Administration, Inuvik
Dec 16	Project update	Canadian Wildlife Service, Yellowknife
Dec 17	Project update, PPAs	INAC, Yellowknife

**Table 11-2: Communication and Consultation Meetings (cont'd)**

Date	Topics	Community or Organization Contacted
<b>2004</b>		
Jan 6	Project update, barge options	Environmental Impact Review Board
Jan 15	Project update	Joint Secretariat in Inuvik
Jun 16-17	Presentations on project updates, jobs, business opportunities, training, education and environment	Inuvik Petroleum Show
Jun 21-24	Project update of anchor field development plan applications and Taglu winter geotechnical program	Tsiigehtchic, Sachs Harbour, Paulatuk
Jul 5-8	Project update of anchor field development plan applications and Taglu winter geotechnical program	Fort McPherson, Aklavik, Inuvik, Tuktoyaktuk