

Appendix C

Consultation Materials

Application for an Environmental Assessment Certificate

Appendix C-1 Public Consultation Plan and Public Consultation Reports #1 and #2



January 31, 2014

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Dear Mr. Braun:

Re: PRGT Public Consultation Plan and Public Consultation Report #1

Please find attached Prince Rupert Gas Transmission Ltd's (PRGT) Public Consultation Plan and Public Consultation Report #1 as required under the section 11 Order.

Should you have any questions, please do not hesitate to call.

Sincerely,

Marilyn Carpenter
Director, Environmental and Regulatory Permitting
Prince Rupert Gas Transmission Project

Prince Rupert
Gas Transmission Project



Prince Rupert
Gas Transmission Project

Public Consultation Plan

PRGT004776-TC-EN-PLN-0001

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Rev 0

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1.0 INTRODUCTION

1.1 PROJECT BACKGROUND

Prince Rupert Gas Transmission Ltd. (PRGT) is proposing to construct and operate a sweet natural gas pipeline extending from a point near Hudson's Hope, British Columbia (BC), to the proposed Pacific NorthWest LNG export facility near Prince Rupert, at Lelu Island, within the District of Port Edward, BC.

The proposed Prince Rupert Gas Transmission Project (the proposed Project) will be designed, owned and operated by PRGT, a wholly owned subsidiary of TransCanada PipeLines Limited (TransCanada). PRGT is the general partner and acts on behalf of Prince Rupert Gas Transmission Limited Partnership. PRGT would legally own and operate the proposed Project assets for the benefit of the limited partnership.

The proposed Project is located wholly within the province of BC and involves the construction and operation of up to 900 km of pipeline with a diameter of up to 1,219 mm (NPS 48), metering facilities at the receipt and delivery points, and three compressor stations, with provisions for up to five additional compressor station sites to allow for future expansion. For some sections, such as marine alternatives and aerial crossings, multiple pipelines may be required.

The proposed Project would also require the construction of temporary infrastructure, such as access roads, bridges, stockpile sites, borrow sites, contractor yards, and construction camps.

The proposed Project requires a provincial Environmental Assessment Certificate (EAC) pursuant to BC's *Environmental Assessment Act* before it can be constructed or operated. Additional approvals by the BC Oil and Gas Commission (OGC) and other agencies are also required. These other approvals can only be received once the EAC is granted. PRGT anticipates filing an application for an EAC to the BC Environmental Assessment Office (EAO) in March 2014, and an application to the OGC by mid-2014.

PRGT has also provided the EAO with a Project Description and two updates which are available for review on the proposed Project's website (www.princerupertgas.com).

1.2 DOCUMENT PURPOSE

As directed by the Section 11 Order issued by the EAO, PRGT must provide EAO with a Public Consultation Plan within 60 days of the issuance of the Section 11 Order, which will guide public consultation activities during the Pre-application Stage and the Application Review Stage of the environmental assessment (EA) process for the proposed Project.

For a complete picture of PRGT's Aboriginal consultation activities, readers should refer to the separate PRGT Aboriginal Consultation Plan.

PRGT's approach to stakeholder engagement is grounded in TransCanada's values, policies and guiding principles. These principles will guide business decisions as PRGT works to meet or exceed regulatory requirements and the expectations of stakeholders.

2.0 PUBLIC CONSULTATION OBJECTIVES

PRGT uses the terms public consultation and stakeholder engagement interchangeably. These terms are used to describe PRGT's interface with the public, landowners and other potentially affected stakeholders. Public consultation for the proposed Project is guided by TransCanada's Principles, Policies and Programs, which are available on TransCanada's website at www.transcanada.com, including:

- Stakeholder Engagement Commitment Statement
- Aboriginal Relations Policy
- Code of Business Ethics
- Community Investment Program
- Communications Policy
- Government Relations Policy
- Public Awareness Program
- Public Disclosure Policy
- Health, Safety and Environment Commitment Statement

PRGT stakeholder engagement activities are integrated with other aspects of the proposed Project. The PRGT management team regularly reviews stakeholder feedback to help guide the preparation of documents required in the EA process and other proposed Project activities as appropriate.

PRGT recognizes that its current stakeholder engagement activities mark the start of a relationship with communities in the area of the proposed Project that have the potential to endure for many decades. Accordingly, PRGT strives to engage stakeholders early and often in the planning process. This means providing timely information on the proposed Project, providing opportunities for comment, listening and responding to stakeholders in a prompt and consistent manner.

In addition to meeting the requirements set out in the Section 11 Order, the objectives of the Public Consultation Plan are to:

- Ensure that public consultation information for the proposed Project is obtained in a timely and effective manner and is integrated into the EA application.
- Identify potentially interested and impacted stakeholders and the nature of their interests.
- Provide timely, accurate information in order to facilitate meaningful engagement with the public. This includes information about the proposed Project, the process of approvals, construction practices and the potential effects of the proposed Project.

- Inform stakeholders about how they can become involved in the regulatory process (i.e., the EAO and OGC approval processes).
- Ensure that the proposed Project's public communications are consistent, straightforward and easy to understand.
- Ensure that stakeholders have a variety of ways to get involved in the consultation and regulatory process.
- Ensure that stakeholder input, issues and concerns are gathered, understood and integrated into the design and execution of the proposed Project, as appropriate.
- Ensure that stakeholders are aware of how their input has shaped or affected the design and outcome of the proposed Project.
- Ensure that regulators such as EAO and the OGC are kept aware of stakeholder-related issues and concerns through systematic reporting.

Throughout the EA process for the proposed Project, PRGT will engage with the public in several ways, including:

- A website, printed materials and videos for the proposed Project.
- A dedicated toll-free telephone line and email address, with PRGT providing timely responses to questions and concerns.
- Engagement with local governments, landowners and Crown land interest holders (such as recreation groups, fishermen, etc.) as well as other stakeholders to raise awareness about the proposed Project and to identify and address issues and concerns.
- Public open houses to raise awareness about the proposed Project and to identify and address issues and concerns.
- Public open houses to seek feedback and comments on the draft Application Information Requirements (dAIR) and the application for an EAC.
- Project updates by mail, email or telephone to local governments, landowners and Crown land interest holders as well as other stakeholders.
- Presentations to conferences, organizations and community groups as deemed appropriate.
- Participation in local events as deemed appropriate (e.g., trade fairs).
- Notification related to regulatory milestones and public comment periods via advertising, mailings and the proposed Project website.
- Respond to working group and public comments raised through the EA process.

3.0 CONTEXT FOR CONSULTATION ACTIVITIES

TransCanada has been in operation in BC for over 50 years and has had considerable interaction with communities and Aboriginal groups through planning, contracting and employment, and community activities.

Soon after the launch of the proposed Project on January 9, 2013, PRGT engaged local government officials and staff at the Regional District level and in the municipalities most directly affected by the conceptual corridor of the proposed Project. The proposed Project crosses five Regional Districts: Peace River, Fraser-Fort George, Bulkley-Nechako, Kitimat-Stikine and Skeena-Queen Charlotte. Potentially affected municipalities include the District of Hudson's Hope, the District of Chetwynd and the District of Mackenzie in the eastern half of the conceptual corridor; and the Village of Hazelton, the District of New Hazelton, City of Prince Rupert and the District of Port Edward in the western half of the conceptual corridor. Fort St. John, District of Taylor, District of Stewart and District of Fort St. James were also engaged at this time.

In March 2013, PRGT hosted a general meeting for landowners near the northeastern end of the conceptual corridor.

In May and June of 2013, the Project team conducted 12 presentations to municipal councils and Regional District boards, and hosted seven open houses in communities near the conceptual corridor, in order to raise awareness about the proposed Project, share Project updates, gather input and identify issues and concerns.

In late May 2013, based on studies and engagement received up to that date, PRGT investigated additional routing options in the northeast as well as in the Central Interior and the Kispiox Valley area. As a result, Project representatives engaged the Village of Granisle and met with residents from the communities of Germansen Landing and Manson Creek.

In September 2013, based on continued detailed studies and engagement efforts, PRGT communicated its decision to select a single study corridor from a point near the District of Hudson's Hope to Cranberry Junction and continued to further investigate the conceptual alternative corridors west of Cranberry Junction to the terminus point within the District of Port Edward. This update, along with the revised maps, was communicated through various channels, including phone, in person and email.

Between September and November 2013, Project update presentations were delivered to the five Regional Districts along the proposed Project corridor. During this time, PRGT also hosted landowner meetings in Irene Meadows on the western end of the conceptual corridor.

In November 2013, based on additional detailed studies and engagement efforts west of Cranberry Junction, PRGT communicated its decision to remove the route option through the conservancies, leaving four marine alternative corridors for further review. This update, along with the revised maps, was communicated through various channels, including phone, in person and email.

In November and December 2013, EAO open houses were held in four communities along the project corridor to seek feedback and comments on the draft Application Information Requirements (dAIR). This was also an opportunity for PRGT representatives to share updates and receive additional input on the proposed Project.

Since late November 2013, PRGT representatives have met with several Regional District and municipal contacts along the project corridor to share some preliminary infrastructure plans (e.g., construction camps, laydown and stockpile sites, transportation access and corridors, construction timelines, and traffic) and to solicit feedback and input that could potentially be incorporated into the overall project planning efforts.

The feedback gathered through these meetings and public events has helped to shape the engagement plans for the proposed Project, as well as had immediate impacts on routing discussions and development plans. Community engagement will continue through the life of the proposed Project.

3.1 A REGION IN TRANSITION

The proposed Project crosses a region that is experiencing rapid economic and social change. New projects are underway or are being proposed in the forestry, mining and energy sectors, creating new demand for labour, contracting capacity, and retail and commercial services. After a long period of steady or declining population across much of northern BC, people are migrating in to seek opportunities brought about by this new demand. Some communities report a shortage of housing, and public services such as policing and health care are under pressure.

Through connecting with local governments and other stakeholders, PRGT has heard that:

- The capacity of local governments to evaluate project proposals in detail is strained. Interaction with these jurisdictions needs to be carefully managed.
- Local government leaders and their economic development advisors are looking for long-term economic benefits from major projects. Northern BC has seen periodic booms that failed to build a self-sustaining economy, and governments want to see a different outcome this time. Skills training and education is frequently mentioned as a priority.
- Residents and officials want information on both the socio-economic (such as how the presence of temporary workers will affect their community) and

environmental (including effects related to water crossings) effects of the proposed Project.

- Local officials are interested in the safety of pipeline operations and related monitoring and emergency response.

Local governments have expressed appreciation for the early and ongoing contact from PRGT, and for the in-person approach. Ongoing in-person interaction will ensure awareness of developing issues in northeastern BC, the Central Interior and the Northwest, especially matters of interest to stakeholders living close to the proposed Project corridor.

The feedback received to date has been recorded, and where appropriate, will be considered within the EA application, construction planning and on-going consultation efforts.

4.0 STAKEHOLDERS

PRGT generally defines stakeholders as those people or groups who have interest in, or may be affected by, the proposed Project. PRGT does not include Aboriginal groups in its definition of stakeholders; instead refer to the separate PRGT Aboriginal Consultation Plan.

For the purposes of consultation planning, Métis Community consultation is included within the Aboriginal Consultation Plan.

4.1 STAKEHOLDER LIST

A comprehensive list of potential stakeholders has been developed. The list will be updated as new stakeholders are identified by PRGT or as stakeholders express interest in the proposed Project. At this time, the following groups have been identified as having an interest in or being potentially affected by the proposed Project:

- Community residents (landowners, tenants and occupants within the study corridor, area residents who express interest, landowner associations)
- Local government (e.g., elected officials and staff of Regional Districts and municipalities)
- Provincial and federal government (e.g., elected officials and staff)
- Government agencies and departments (e.g., MFLNRO, DFO)
- Service providers (medical responders, protective services, e.g., police, educational institutions, health services, employment and training organizations)
- Land, water and marine users (e.g., hunters, trappers, hunting and guiding outfitters, commercial fishermen, recreational users and other Crown land interest holders)
- Business and economic development organizations in proximity to the PRGT corridor
- BC business and professional organizations with an interest in resource and infrastructure development
- Environmental Non-Governmental Organizations (ENGOS) and Non-Governmental Organizations (NGOs)
- Community media
- Interested individuals (general public)
- Community service providers (in relation to community investment opportunities and other socio-economic elements)

4.1.1 Engagement of Landowners and Crown Land Interest Holders

Within the 2-km-wide conceptual and alternative corridors, 212 potentially affected landowners were identified and engaged. These landowners were contacted by phone, mailed or hand-delivered project information packages, and were met with as requested. This engagement program commenced in March 2013 and continued through August 2013 as new route alternatives were considered. Landowner meetings were held with landowners in the Hudson's Hope area on March 26, 2013, and with landowners in the New Aiyansh area on September 9 and November 5, 2013.

PRGT also identified Crown land interest holders along the corridor, including, but not limited to, trappers, guide-outfitters, forestry tenures, mineral/placer/coal tenures, recreational operators and others. In addition, commercial fishermen and tour operators in the vicinity of Prince Rupert were engaged though some do not have a tenure or regulatory interest within the marine portion of the conceptual corridor. Each of these stakeholders were provided project information packages and/or contacted by phone. During this outreach, PRGT:

- Introduced PRGT and the proposed Project.
- Described the preliminary nature of route planning.
- Responded to questions from local residents.
- Gathered information with respect to the refinement of the pipeline route.

This early landowner engagement process allowed for early identification of issues and concerns and facilitated access for preliminary surveys. When new route options were identified in the Spring of 2013, potentially affected land owners and occupants of Crown land, including two active mine proponents and several guide outfitters, were identified and engaged. As the plans for the proposed Project continue to be refined, landowner engagement will focus on those directly affected by the proposed route; however, information will continue to be available to all interested stakeholders.

4.1.2 Local Government Engagement

The level of engagement with local governments has been influenced by the distance of each community from the corridor, and potential economic and social impact and their interest. The list of communities and the level of engagement will continue to evolve to reflect the level of interest on the part of community leaders, officials and staff, as well as the final route selection. As of December 2013, PRGT had established contact with:

- Regional Districts
 - Peace River Regional District
 - Regional District of Fraser-Fort George
 - Regional District of Bulkley-Nechako

- Regional District of Kitimat-Stikine
- Skeena-Queen Charlotte Regional District
- Municipalities and Unincorporated Hamlets
 - District of Hudson's Hope
 - District of Chetwynd
 - City of Fort St. John
 - District of Taylor
 - District of Mackenzie
 - District of Fort St. James
 - Village of Granisle
 - Germansen Landing (unincorporated)
 - Manson Creek (unincorporated)
 - District of New Hazelton
 - Village of Hazelton
 - District of Stewart
 - District of Port Edward
 - City of Prince Rupert

With the expansion of the regional assessment boundaries to include communities and transportation networks further from the proposed Project, PRGT has had contact with all five regional districts to specifically discuss infrastructure, transportation and potential impacts. PRGT will be continuing to broaden its engagement to include other communities.

4.1.3 Provincial and Federal Government

Since the announcement of the Project in January 2013, PRGT has engaged provincial and federal government representatives in an effort to provide details related to the proposed Project, ensure representatives had an opportunity to ask questions and provide input to the project team, and to apprise representatives of the local engagement activities being done along the proposed Project route.

4.1.4 Government Agencies and Departments

PRGT is actively engaging government agencies through the working group and technical meetings where the proposed Project is discussed, feedback sought and comments are responded to. They are also being directly engaged to obtain further information on a variety of topics as it relates to the assessment of valued components within the EA process. As of December 2013, PRGT and/or its consultant had

established contact with a number of Ministry of Forestry, Lands and Natural Resource Operations departments, BC Ministry of Environment, Department of Fisheries and Oceans, and Environment Canada.

4.2 STAKEHOLDER ENGAGEMENT TOOLS

The engagement or communication tools listed in Table 4–1 will be used to meet the public consultation objectives of:

- Providing timely and accurate information.
- Allowing for informed, effective and meaningful engagement with the public, including two-way dialogue.

Table 4-1: Stakeholder Engagement Tools and Objectives

Engagement Tool	Engagement Objective
Project brochure	Provides information on the proposed Project's timeline, need, benefits, engagement practices, environmental protection, regulatory process, safety, contact information, and further details as necessary.
Natural gas overview brochure	Provides an overview of natural gas pipelines, including safety and integrity during design, construction and operation.
About TransCanada brochure	Provides an overview of TransCanada and its business and values as a Canadian company.
Your Safety, Our Integrity	Provides an overview of TransCanada's long standing safety and maintenance programs.
Construction Jobs and Role Descriptions	Provides an overview fo the kinds of jobs required to construct a natural gas pipeline.
Project Activity Update	Provides local governments and other interested parties with a monthly email update on activities associated with the proposed Project, including engineering and environmental studies occurring in their jurisdictions.
Maps	Show the relationship of the proposed Project to communities and prominent geographical features.
Presentations	Join stakeholder groups and local governments in their own communities to communicate the status of and plans for the proposed Project.
Individual and small group meetings	Initiate individual contacts and respond to requests for direct contact.
Open House Events	Provide the public with an opportunity to learn about the proposed Project, receive updates, provide feedback and ask questions.
Open House Notifications	Notify the public that Open Houses are planned using newspaper advertisements, advisories to community media, individual stakeholder email invitations, phone calls to local government staff, and written and telephone invitations to landowners.
Telephone calls	Communicate by phone (as deemed appropriate) with local governments, landowners and other stakeholders to share information and identify interests.
Email updates to stakeholders	Provide updates on the proposed Project to a growing list of stakeholders as appropriate. Members of the general public from anywhere in the world may also register to receive updates.
Land Representatives	Provide landowners, occupants and tenure holders with proposed Project information and contact information, and identify interests.

Socioeconomic interviews	As part of the EA process, PRGT will conduct interviews with local governments, economic development agencies and community organizations to supplement the secondary baseline research. The data gathered through this process will be used to inform the assessment of the potential effects of the project on the valued socio-economic components, including the recommendation of appropriate mitigation measures and potential monitoring and follow-up. Information collected from the interviews may also be considered as appropriate in the project design and to inform future engagement.
Public email (princerupertgas@transcanada.com)	Provide a primary channel for email input. The email account is monitored daily and messages receive a timely response from a member of the proposed Project team.
Toll-free telephone line (1-855-253-0099)	Provide a mechanism to contact PRGT personnel directly. All calls receive a timely response.
Project website	Provide an authoritative source of information on the proposed Project in the form of text, maps, info-graphics, photographic images, videos, and a link to the Project Activity Updates. The website also provides opportunities for potential subcontractors to register their businesses and for the public to pose questions.
Project offices	Strengthen the implementation of the Public Consultation Plan through the operation of TransCanada offices in Fort St. John, Prince George and Vancouver. These offices can be used to distribute information, support local events for the proposed Project and host small-group stakeholder meetings.

4.3 STAKEHOLDER ENGAGEMENT RESOURCES

The implementation of the Public Consultation Plan is a responsibility that is shared across PRGT. Primary responsibility for maintaining the Public Consultation Plan rests with the Community Relations team, working closely with other team members, including Project leadership, Land, Aboriginal Relations, Corporate Communications, Community Investment, Procurement and Supply Chain, Regulatory, Environmental and Engineering.

5.0 PUBLIC CONSULTATION: KEY TASK AREAS

PRGT's public consultation program commenced with a staged outreach approach. PRGT sought input from:

- Local governments for guidance on broader community engagement.
- Landowners to establish their level of interest in the proposed Project.

PRGT has defined six public consultation task areas to be implemented from the commencement to the completion of the proposed Project. Each task area aligns with milestones associated with the proposed Project.

5.1 TASK AREA I – PUBLIC CONSULTATION PLAN DEVELOPMENT

Task Area I activities took place between January and May, 2013.

5.1.1 Objective

The objective of Task Area I was to develop a Public Consultation Plan that would meet or exceed regulatory requirements, support the EA process, and address stakeholder expectations for engagement.

5.1.2 Activities

The primary activities in this Task Area were:

- Identifying an initial list of stakeholders potentially interested in or affected by the proposed Project.
- Identifying the list of PRGT personnel to be kept informed and engaged with regard to stakeholder concerns and feedback as they may contribute to Project design and planning and the EA process.
- Identifying the issues of potential interest to stakeholders.
- Developing opportunities for stakeholder involvement.
- Establishing a toll-free telephone number and email account to provide stakeholders with direct access to the PRGT team.
- Developing external communications materials, including brochures and a website, to provide stakeholders with access to clear and understandable information about the proposed Project.
- Implementing a tracking tool (StakeTracker) and an issues tracking spreadsheet to record all engagement and track feedback and issues raised.
- Adjusting the Public Consultation Plan in light of feedback gained through initial engagement.

5.2 TASK AREA II – INITIAL ENGAGEMENT

Task Area II activities took place between January and May, 2013.

5.2.1 Objectives

The objectives of Task Area II were to:

- Support the development of the Project Description by determining the interests and priorities of stakeholders.
- Ensure the Project Public Consultation Plan addressed stakeholder interests and expectations for ongoing engagement.
- Introduce the proposed Project and PRGT to key stakeholders, and lay the groundwork for future working relationships.

5.2.2 Activities

The primary activities in this Task Area were:

- Distributing an information release to local governments on the day that the proposed Project was launched, and telephoning selected local governments to provide contact information and arrange initial meetings.
- Meeting with local governments in January and early February to introduce TransCanada and PRGT, describe the proposed Project, and determine the stakeholders' expectations regarding future engagement.
- Conducting additional rounds of local government meetings to broaden the base of relationships for the proposed Project and focus on local routing issues and options.
- Contacting landowners by email and/or phone to introduce the proposed Project.
- Hosting a general meeting of landowners in Hudson's Hope to discuss routing options and stakeholder expectations.
- Informing stakeholders about the publication of the Project Description and the related public comment period.

5.2.3 Outcomes

The outcomes of Task Area II included:

- Initial meetings with stakeholders confirmed interest in the proposed Project among local governments, and led to the addition of two municipalities (District of Fort St. James and District of Stewart) to the list of local governments to be engaged.
- PRGT gained understanding of route options for the purpose of developing the Project Description.

- The Project team gained insights into economic development priorities, community capacity, environmental concerns and engagement preferences, which supported the development of the dAIR.

5.3 TASK AREA III – BROAD STAKEHOLDER ENGAGEMENT

Task Area III activities have been undertaken or will occur between May 2013 to early 2014.

5.3.1 Objectives

The objectives of Task Area III are to:

- Introduce the proposed Project to a wide array of stakeholder groups and the general public in the proposed pipeline corridor and across BC.
- Communicate the Project to additional stakeholders identified within the broader regional assessment areas in the Application Information Requirements
- Support pre-application deliverables, including the development and communication of the dAIR for the proposed Project, and the related public comment period.
- Ensure stakeholder input to date is incorporated as Project plans are refined.

5.3.2 Task Components

The primary components of Task Area III in 2013 have included:

- Broadening stakeholder engagement based on information gathered in Task Areas I and II.
- Hosting May-June 2013 open houses in key communities to gain a better understanding of community needs and interests. These sessions contributed to the development of the draft AIR and the continued evaluation of the Public Consultation Plan.
- Providing information on the proposed Project to interested and potentially affected stakeholders, particularly with regard to route definition and field activities. This includes providing presentations to local governments as requested.
- Providing information to local Chambers of Commerce to ensure these organizations were aware of the Project and potential local benefits.
- Continuing to engage with landowners and Crown interest holders to respond to questions and concerns with regard to pipeline routing, construction planning and future operating procedures.

- Enabling two-way communication through several channels, including a Project website, to share information on the proposed Project, respond to inquiries and receive feedback.
- Monitoring community priorities and attitudes through media monitoring and attendance at regional stakeholder conferences.
- Conducting interviews with government representatives, agencies and others to gather specific data required for the environmental assessment.
- Monitoring PRGT's socioeconomic discussions with stakeholders to confirm local priorities and concerns and further shape the public consultation and community investment programs.
- Integrating feedback into proposed Project plans, as appropriate, particularly in developing the dAIR.
- Developing a plan for partnering with community agencies and organizations to build local human capacity (aligned with TransCanada's community investment focus areas of safety, environment and community), and entering into discussions with selected agencies and organizations.
- Working with the EAO to invite public input into the dAIR through EAO-hosted public comment period and open houses in November and December 2013.
- Demonstrating to stakeholders, on an ongoing basis, that their input is shaping the proposed Project.
- Participating in working group meetings and technical working group meetings organized by the EAO.
- Responding to working group and public comments on the dAIR.

5.3.3 Activities and Outcomes

The primary activities and outcomes of Task Area III through December 2013 included:

- Open houses in seven communities in May and June 2013, advertised through public notices in newspapers, mailings, posters, the Project website, stakeholder and landowner invitations, and stakeholder media such as municipal websites.
- Presentations in May and June 2013 to five Regional District boards and eight municipal councils.
- Interviews with news reporters from community media across northern BC.
- Engagement with an additional community, the Village of Granisle, as a result of investigation of additional route options.
- Engagement with additional communities north of the proposed Project corridor as a result of Regional District input – Germansen Landing and Manson Creek.

- Update presentations to five Regional District boards and an introductory presentation one municipal council (Village of Granisle) between September and November 2013.
- Presentations to several Chambers of Commerce along the proposed Project route.
- Meetings with Regional District and municipal contacts along the project corridor to share some preliminary infrastructure plans (e.g., construction camps, laydown and stockpile sites, transportation access and corridors, construction timelines, traffic, etc) and to solicit feedback and input that could potentially be incorporated into the overall project planning efforts.
- The development and launch of a community partnership strategy, including contributions to community initiatives across the proposed Project corridor.
- The launch of a dedicated website for the proposed Project.
- Confirmation that the key issues identified in the initial round of engagement – local government capacity, business opportunities and skills development, environmental management and safe pipeline operation – resonate with communities across the corridor.
- Detailed input that supported the development of the dAIR, specifically the valued components, in topic areas such as:
 - Air Quality
 - Accoustic environment
 - Freshwater Aquatic Resources
 - Marine Resources
 - Wildlife and Wildlife habitat
 - Vegetation and Wetland Resources
 - Soil
 - Greenhouse Gases
 - Water Quality
 - Hydrology
 - Economic effects
 - Community Infrastructure and Services
 - Transportation and Access
 - Visual Quality
 - Land and Resource Use
 - Heritage and Archaeological Resources

- Human Health
- Confirmation that stakeholders expect ongoing updates on how PRGT is addressing concerns.
- Communicating details about the proposed Project, such as the purpose and need for the pipeline, the regulatory review and approval process, TransCanada's pipeline integrity programs, opportunities for stakeholder input and community benefits.
- Fulfilling engagement commitments made to local government leaders in January and February 2013.
- Building trust and relationships by introducing PRGT team members to the people and the communities within the proposed Project area.
- Posting the Project Description to the Project website and notifying stakeholders of its submission to the EAO, and informing affected stakeholders of the decision to investigate new route options for the pipeline.
- Providing detailed updates to local governments on changes to the proposed pipeline route through 2013. These changes included introducing a new route option (May 2013), adopting a new study corridor from Hudson's Hope to Cranberry Junction (September 2013), and investigating several corridor alternatives west of Cranberry Junction (continuing).

5.4 TASK AREA IV – ONGOING STAKEHOLDER ENGAGEMENT DURING REGULATORY REVIEW PROCESSES

Task Area IV covers the period from the submission of the EA application for the proposed Project (scheduled for March 2014) to early 2015.

5.4.1 Objectives

The primary objective of Task Area IV is to continue to communicate with stakeholders to build strong relationships and to identify and respond to issues or concerns regarding the proposed Project and its EA application to the EAO. Where possible, PRGT will seek to resolve issues relevant to the proposed Project.

Additional objectives and activities during this phase of public consultation are to:

- Notify stakeholders of the regulatory applications and opportunities for stakeholders to provide comments to the regulatory authorities.
- Ensure that local governments, landowners and other stakeholders remain informed about the status of the proposed Project and the review of the EA application, particularly the directly affected stakeholders who are subject to notification and consultation directed by the EAO and OGC.

- Engage directly affected landowners to acquire the right-of-way for the proposed Project.
- Address local government questions related to potential effects from construction, for example the location and management of construction camps, the management of construction traffic and access roads, and emergency response procedures.
- Respond to issues raised by stakeholders in relation to the EA application for the proposed Project.
- Ensure that appropriate tools and tactics are developed and ready to implement during the pre-construction and construction phases of the proposed Project.

5.4.2 Task Components (2014)

The components of Task Area IV in 2014 will include:

- Work with the EAO to invite public input to the EA application for the proposed Project through an EAO-hosted public comment period and open houses.
- Respond to comments and suggestions related to the EA application for the proposed Project, remaining open to invitations to attend face-to-face meetings.
- Engage local communities in identifying business capacity and communicating business and skills training opportunities, including making presentations to local governments.
- As requested, enter into dialogue with local governments to plan for the management of construction and potential effects from construction.
- Proactively provide background presentations to stakeholders on issues related to environmental management and safe pipeline operation.
- Continue to implement partnerships with community agencies and organizations to build local human capacity (aligned with TransCanada's community investment focus areas of safety, environment and community).
- Provide timely, detailed responses to comments and questions submitted through the PRGT information line and email account.
- Report to the EAO and OGC on public comments and public issues, and seek guidance related to the ongoing implementation and refinement of the Public Consultation Plan.

5.5 TASK AREA V –STAKEHOLDER ENGAGEMENT DURING CONSTRUCTION

Task Area V covers engagement with the public from the anticipated start of construction in mid-2015, if the proposed Project is approved, to the end of construction in 2018.

5.5.1 Objectives

The primary objectives and activities of Task Area V would occur after regulatory approval of the proposed Project and would include:

- Notifying all stakeholders of the approval, next steps, and construction plan and schedule.
- Offering meetings or briefings to local governments, emergency services providers and other key stakeholders.
- Providing information to local contractors and service providers regarding opportunities to participate in construction activities.
- Continuing ongoing engagement activities during construction.
- Providing timely, detailed notification of construction activities, in accordance with regulatory requirements, to landowners, rights holders and the directly affected public.
- Maintaining regular contact with local governments to inform them of ongoing construction progress.
- Continuing to pursue partnerships and undertaking community investments with local organizations focused on environment, safety, and community-building initiatives.

5.6 TASK AREA VI – TRANSFER OF STAKEHOLDER RELATIONS TO TRANSCANADA'S REGIONAL OPERATIONS TEAM

Task Area VI covers the handover of public consultation responsibilities anticipated in late 2018 (pipeline commissioning) and 2019.

5.6.1 Objectives

The primary objectives and activities of Phase VI include:

- After construction, transfer ongoing engagement activities from PRGT to regional operations team.
- Continue to build and maintain relationships along the pipeline route., providing opportunities for stakeholders to learn about TransCanada's pipeline operations and maintenance programs and to ensure access to TransCanada staff to address operations-related issues or concerns. Continue to partner with and invest in local community initiatives focused on safety, the environment and community-building.
- Implement TransCanada's Public Awareness Program once the proposed Project is in service. This program focuses on ensuring key stakeholders including directly affected landowners, area excavators and contractors, municipalities,

Aboriginal communities, emergency responders understand TransCanada's pipeline integrity, and emergency response programs.

6.0 SUMMARY

The Public Consultation Plan for the proposed Project will evolve as engagement continues with local governments, landowners, Crown tenure holders, and other stakeholders in the communities near the proposed Project corridor. PRGT will seek to engage in an open and transparent manner, reporting back to the communities on what is heard, and incorporating the input received into the EA application for the proposed Project and Project design, where appropriate.



Prince Rupert
Gas Transmission Project

Public Consultation Report #1

PRGT004776-TC-EN-RP-0005

January 31, 2014

Rev 0

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1.0 INTRODUCTION

Prince Rupert Gas Transmission Ltd. (PRGT) launched its public consultation program on January 9, 2013, the day the proposed Project was announced to the public. The first phase of stakeholder engagement helped inform the development of the Public Consultation Plan. This first Public Consultation Report describes the activities and outcomes of PRGT's public engagement program up to December 31, 2013. PRGT will continue to undertake public consultation as part of the environmental assessment process under British Columbia's *Environmental Assessment Act*.

1.1 PROJECT BACKGROUND

PRGT (the Proponent) is proposing to construct and operate a sweet natural gas pipeline extending from a point near Hudson's Hope, British Columbia (BC), to the proposed Pacific NorthWest LNG export facility near Prince Rupert, at Lelu Island, within the District of Port Edward, BC.

The proposed Project will be designed, owned and operated by PRGT, a wholly owned subsidiary of TransCanada PipeLines Limited (TransCanada). PRGT is the general partner and acts on behalf of Prince Rupert Gas Transmission Limited Partnership. PRGT would legally own and operate the proposed Project assets for the benefit of the limited partnership.

The proposed Project is located wholly within the province of BC and involves the construction and operation of up to 900 km of pipeline with a diameter of up to 1,219 mm (NPS 48), metering facilities at the receipt and delivery points, and three compressor stations, with provisions for up to five additional compressor station sites to allow for future expansion. For some sections, such as marine alternatives and aerial crossings, multiple pipelines may be required.

The proposed Project would also require the construction of temporary infrastructure, such as access roads, bridges, stockpile sites, borrow sites, contractor yards, and construction camps.

The proposed Project requires a provincial Environmental Assessment Certificate (EAC) pursuant to BC's *Environmental Assessment Act* before it can be constructed or operated. Additional approvals by the BC Oil and Gas Commission (OGC) and other agencies are also required. These other approvals can only be received once the EAC is granted. PRGT anticipates filing an application for an EAC to the BC Environmental Assessment Office (EAO) in March 2014, and an application to the OGC by mid-2014.

PRGT has also provided the EAO with a Project Description and two updates, as well as a document describing draft Application Information Requirements (dAIR), all of

which are available for review on the proposed Project's website (www.princerupertgas.com).

1.1 DOCUMENT PURPOSE

The Proponent is required to submit a Public Consultation Report to the EAO within 30 days of the close of the EAO's public comment period on the dAIR. This reporting requirement is outlined in the EAO's Section 11 Order.

This report reflects what the Proponent has heard or received as a result of its consultation and engagement activities to December 31, 2013. Consultation and engagement activities will continue throughout the duration of the environmental assessment process and will be detailed in subsequent reports to be submitted by the Proponent.

As required under Section 22.1 of the Section 11 Order, this report is intended to:

- Summarize consultations with the public that the Proponent has carried out in relation to the proposed Project.
- Summarize information, questions and comments received from the public within the scope of the environmental assessment, and how those were resolved.
- Indicate next steps for public consultation activities.

2.0 PUBLIC CONSULTATION OBJECTIVES

The Proponent's stakeholder engagement program is designed to provide opportunities for potentially affected landowners, Crown tenure holders, other stakeholders and the public to engage with the Project team about the proposed Project. The engagement program is defined by the Proponent's values of openness, transparency, accessibility and respect, and seeks to ensure stakeholder input is integrated into the environmental assessment process.

The following are the objectives of the Public Consultation Plan:

- Identify potentially interested stakeholders and the nature of their interests
- Provide timely, accurate information in order to facilitate meaningful engagement with the public. This includes information about the purpose of the proposed Project, the regulatory process, construction practices and potential effects
- Inform stakeholders about how they can become involved in the regulatory process (i.e., the EAO and the OGC review processes)
- Ensure that the proposed Project's public communications are consistent, straightforward and easy to understand
- Ensure that stakeholders have a variety of opportunities to get involved in the consultation and regulatory process

- Ensure that stakeholder issues and concerns are gathered, understood and integrated into Project design and execution, as appropriate, including the Environmental Assessment
- Ensure that stakeholders are aware of how their input has shaped or affected the design and outcomes of the process
- Ensure that regulators are made aware of stakeholder-related issues and concerns through systematic reporting

3.0 OVERVIEW OF CONSULTATION

By the end of December 2013, PRGT met with elected local government officials as well as staff from five Regional Districts and twelve municipalities, communicated details of the proposed Project to local residents and community media, and met with more than 200 potentially affected landowners and tenure holders.

The input received through these interactions was shared across the Project team and incorporated into Project plans, where applicable. The evaluation of route alternatives has led to the adoption of a new study corridor in the eastern and central sections of the proposed Project, with a variance of as much as 60 kilometres from the initial conceptual corridor; this major adjustment was due in part to feedback we received from the public. In northwestern B.C., technical assessments and public input led the Project team to suspend examination of land route alternatives between the Nass Valley and Port Edward in favour of marine route alternatives.

Throughout 2013, the project team:

- Established a list of communities and regional districts to be engaged, and, through preliminary engagement of key stakeholders, developed an understanding of local interests and priorities.
- Communicated Project details, including the purpose of the proposed Project, the regulatory review process, construction and reclamation methods, community benefits, and opportunities for stakeholder input.
- Gathered stakeholder input regarding routing options and infrastructure development options.
- Identified issues of concern, and the expectations for stakeholder involvement in resolving these concerns, which were logged and shared within the Project team
- Gathered stakeholder questions and input with regard to the scope of the Project team's pending application to the EAO.
- Sought to demonstrate that PRGT is planning its proposed Project in a careful and responsive way.

- Introduced Project team members to the people of the proposed Project area, enrolled the Project as a member of several local business organizations, and provided funding support for selected community agencies and organizations.
- Fulfilled initial engagement commitments made to local government leaders.

4.0 COMMUNITY ENGAGEMENT SUMMARY

4.1 INITIAL STAKEHOLDER ENGAGEMENT – JANUARY 2013 TO MAY 2013

Commencing with an official Project announcement in January 2013, and using an initial stakeholder list of potentially interested stakeholders, PRGT undertook to introduce the Project to key stakeholders and to determine stakeholder interest in the Project, identify initial questions or concerns, and to identify stakeholder expectations for further engagement. In January, elected representatives and staff in communities along the proposed Project route, were sent a news release related to the project and initial contact was made to introduce the project team, and make the offer of introductory meetings. Outreach to Provincial and Federal government representatives also commenced during this period.

In January and February, PRGT met with municipal leaders and staff along the proposed route to provide high level project information, introduce team members, and identify key issues of interest to these stakeholders. Expectations for ongoing engagement were also identified in these initial meetings. Amongst the expectations identified at these meetings, was the need for more detailed discussions on the pipeline route.

In March, Project information packages were distributed to elected officials and staff along the proposed route, local business leaders and economic development officers, landowners, trappers and outfitters. Details about the proposed Project, opportunities for public input, and project contact information were provided within this informational mail-out. Follow up visits were held during this time with landowners, where further details were provided related to the project. In late March and April, specific landowner meetings in the areas of Beryl Prairie and Hudson's Hope were held to share information related to the regulatory and land access processes, to discuss routing, and to share information related to compensation and survey requirements.

Input gathered throughout the course of this initial engagement was integrated into engagement plans and into Project communication materials to ensure the engagement plan and materials met the needs and expectations of interested stakeholders.

In April, notification and advertisements were made in relation to planned public open houses, where interested stakeholders were invited to meet the project team and learn more about the proposed Project.

Key outcomes resulting from initial stakeholder engagement included:

- The addition of two municipalities (District of Fort St. James and District of Stewart) to the list of potentially interested communities.
- The refinement of route options for the purpose of developing the Project Description.
- The identification of economic development priorities, community capacity, environmental concerns, and engagement expectations – which supported the development of the dAIR.

4.2 BROAD STAKEHOLDER ENGAGEMENT – MAY 2013 TO DECEMBER 2013

Throughout the course of the broad stakeholder engagement program to date, PRGT has sought to introduce the Project to a variety of interested and potentially affected stakeholders along the proposed route, support pre-application deliverables including the development and communication of the dAIR for the Project, and the related public comment period, and ensure that stakeholder input is incorporated into project planning efforts including the development of ongoing engagement plans, route identification and refinement, and implementation of environmental assessments and potential mitigation planning.

PRGT sought to make Project information available to the public, and provide opportunities for input through a number of activities including:

- Developing a detailed project website.
- Monitoring and responding to input through the use of project email and voice mail boxes.
- Hosting 7 informational project open houses along the proposed route.
- Conducting municipal presentations.
- Engaging with landowners and Crown tenure holders to respond to interest in pipeline routing, construction planning, and future operating practices.
- Engaging Provincial and Federal government representatives.
- Participating in regional conferences, conventions and other community events.

- Investing in community initiatives and partnerships focusing on areas of particular interest to affected communities.
- Engaging in discussions with guide outfitters and anglers along the proposed route.
- Conducting targeted meetings with communities and landowners related to ongoing route refinement.
- Meeting with Municipalities and Regional Districts to discuss specific infrastructure-related issues including access roads, rail use, waste management, construction camps and other related issues.
- Engaging with commercial fishing and tour operators related to marine routing.
- Participating in working group meetings organized by the EAO.
- Participating in EAO open houses targeted at receiving input in the Project dAir.

Table 4-1 summarizes community engagement activities and outcomes from the Project announcement in January 2013 through the end of December 2013.

Table 4-1: Community Engagement Outreach Activities

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
January 9, 2013	Initiate public phone line and email	General public invited to contact PRGT at any time to ask questions or raise concerns	Approximately 25 phone calls and 400 emails received to date	b,e,f	Ongoing
January 9 to 11, 2013	Initial phone and email contact with local governments	Sent media news release and letter from PRGT President highlighting Project details to mayors, Chief Administrative Officers and Regional District chairs; followed up with phone calls	Phone calls to five Regional Districts and 10 municipalities Set up an initial round of in-person meetings	a,c,f	Complete
January 23 to February 4, 2013	Initial meetings with local governments	Meetings with officials, designed to obtain input into local priorities and concerns, introduce PRGT and answer questions regarding the proposed Project: District of Hudson's Hope District of Chetwynd City of Fort St. John District of Mackenzie District of New Hazelton Village of Hazelton City of Prince Rupert District of Port Edward Peace River Regional District Regional District of Fraser-Fort George Regional District of Bulkley-Nechako Regional District of Kitimat-Stikine Skeena-Queen Charlotte Regional District	Introduced the proposed Project to local governments Identified the need for more detailed discussions re pipeline routing Received an invitation to present to a gathering of elected officials on March 8 Confirmed a May-June timetable for public presentations and wider engagement	a,c,e,f,	Complete
February 20 to March 7, 2013	Routing discussions with selected local officials	Meetings with elected officials and staff to consider local routing issues or meet with officials who were not available on the first round. District of Port Edward Regional District of Kitimat-Stikine (Areas A and B) District of Hudson's Hope District of Mackenzie Regional District of Bulkley-Nechako (Areas C and G)	Identified issues related to watersheds, water crossings, wetlands, infrastructure upgrading and the need to make use of disturbed land where possible Identified new communities for engagement: Stewart, Fort St. James	a,c,e,f,g	Complete

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
February 25 and 26, 2013	Trade Booth at the LNG in B.C. Conference hosted by the B.C. Government	Project representatives provided information to conference delegates on the PRGT Project	Provided stakeholders with Project and company information to ensure they were informed about Project plans early in the process	b,c	Complete
March 8, 2013	Presentation to North Central Local Government Association Executive	An overview of the proposed Project presented to elected officials from across northern and central BC	Officials emphasized their priority interest in local hiring and contracting	a,c,e,f,g	Complete
March 2013	Distribution of Information packages	Cover letter and brochures mailed to local elected officials, business leaders and economic development officers	Provided stakeholders with Project and company information to ensure they were informed about Project plans early in the process	b,c	Complete
March 2013	Initial letters and phone calls to landowners, trappers & outfitters	Verify contact information and introduce the proposed Project	Contacted approximately 43 landowners and others with a material interest in the Project area	a,b,c,f	Complete
March 2013	Landowner information package	In person meetings to introduce the proposed Project and provide contact information	Ensured that landowners were informed of Project plans early in the process	a,b,c	Complete
March 27, 2013	Landowner information meeting, Hudson's Hope	Engage with landowners in the Peace River Regional District and provide a forum for general discussion on routing and other Project-related issues	Clarified the regulatory and land access processes; achieved general agreement that pipeline route should follow existing pipeline rights of way.	a,b,c,f	Complete
April 2013	Landowner meeting – Beryl Prairie	Meeting held with landowners to explain survey process, compensation and survey documents	Completed survey permissions	a,b,c,f,g	Complete

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
April to May 2013	Open House Notification to the public	<p>Paid advertising in local newspapers</p> <p>Paid and unpaid advertising in community newsletters and on Chamber of Commerce websites</p> <p>Radio public service announcements</p> <p>Invitations to local government, landowners and other stakeholders</p> <p>Event posters on community notice boards in 5 communities</p> <p>Postal code mail drops through Canada Post in 5 communities</p> <p>Posting of the Open House calendar on the Project website</p>	<p>Provided advance notice of opportunities to meet with the Project team and learn about the proposed Project</p>	b,c	Complete
May 1 to 3 2013	North Central Local Government Association (NCLGA) Annual General Meeting	<p>Met with numerous local officials over a three-day period</p> <p>Provided sponsorship support for this event</p>	<p>Topics of discussion included engagement with communities including local conservation groups, the regulatory timetable and construction challenges</p>	a,c,e,f,g	Complete
May 16 to June 20 2013	Municipal council and Regional District board presentations	<p>Presentations to 12 local governments.</p> <p>Presentations focused on route selection, construction methods and reclamation, Project benefits and regulatory timetable</p> <p>Presented to municipal councils in Chetwynd, Hudson's Hope, Mackenzie, Fort St. James, Hazelton, New Hazelton, Prince Rupert and Port Edward.</p> <p>Presented to Regional District Boards in Peace River, Bulkley-Nechako, Kitimat-Stikine and Skeena-Queen Charlotte (NOTE: Regional District of Fraser-Fort George was rescheduled due to an over-extended Public Hearing)</p> <p>During the same period, arranged an introductory meetings with a representative from Stewart</p>	<p>Principal issues raised by stakeholders included the use of a common corridor, skills training, business opportunities and safe pipeline operation</p> <p>Attitudes to work camps and their locations vary widely from community to community</p> <p>Local governments encouraged the Project team to maintain an active presence in their communities</p>	a,c,e,f,g	Complete

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
May 16 to June 12, 2013	Public Open Houses	<p>The Project team hosted Open Houses in 7 communities.</p> <p>Display materials included maps and displays on environmental protection, safety, the route selection process, construction, and regulatory requirements.</p> <p>Signed-in attendance by community:</p> <p>Port Edward - 18 Prince Rupert - 49 Hazelton - 91 Mackenzie - 29 Chetwynd - 20 Hudson's Hope - 34 Fort St John - 12</p>	<p>The balance of interests varied with the community.</p> <p>Key interests were:</p> <p>Location of the proposed route relative to communities</p> <p>Impacts on individual properties, forest tenures or traplines</p> <p>Jobs and contracting opportunities</p> <p>Local environmental impacts</p> <p>The Project team added additional names to its contact list.</p>	a,b,c,f	Complete
May 16 to June 12, 2013	Targeted community engagement	<p>During this period, members of the Project team also travelled to the communities of Germansen Landing and Manson Creek to introduce the proposed Project to residents</p> <p>The Project team also arranged special meetings alongside the Open House events with the Mackenzie Nature Observatory (in Mackenzie) and the Upper Skeena Development Centre (employment centre) in Hazelton</p>	<p>Residents in Germansen Landing and Manson Creek asked questions related to construction and operating safety.</p> <p>They appreciated the references to local tax benefits and business opportunities from the proposed Project</p> <p>The team gained valuable advice on local routing conditions in Manson Creek and in Mackenzie</p> <p>The group in Hazelton provided input on community investment opportunities</p>	a,b,c,f	Complete
May 29, 2013	Website Launch	<p>www.princerupertgas.com features photos, maps, an event calendar, a question submission form and a vendor sign-up form</p>	<p>The website will provide an ongoing public record of Project activities, notice of upcoming events, and a channel through which contractors and members of the public can reach the Project team</p>	a,b,c,e,f,g	Ongoing

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
May 30, 2013	Notification to landowners re PRGT Open House events	Notices were sent to landowners advising them of upcoming PRGT Open House events	Provided advance notice of opportunities to meet with the Project team	b,c,f	Complete
June to December, 2013	Discussions with government agencies and departments	During this period, members of the Project team and its consultants corresponded with a number of government agencies including: BC EAO, CEAA, DFO, Transport Canada, BC Parks, Environment Canada, MFLNRO, Archaeology Branch, Ministry of Environment	Topics of discussion included: Regulatory permits, Permits and requirements (e.g. navigable waters, Investigative Use Permits, marine surveys, disposal at sea requirements, etc.), data gathering, general discussions on "state" of the environment to inform the EA and regulatory applications, Discussions of wildlife – in particular – recovery plans for caribou, grizzly bear	a, f	Ongoing
June 2013	Community partnering efforts	Initiated a program of partnerships with local groups and agencies in order to build local capacity in the focus areas of community, safety and environment.	Through discussions about identifying local priorities with local governments and community groups, the Project team improves its understanding of the diversity of the region and local socioeconomic conditions. The resulting financial partnerships are enhancing the Project team's knowledge of community organizations and local capacity.	a,f	Ongoing
June 2013	Letter to new entries on landowner list	A brief introduction of the proposed Project and contact information to landowners in the Williston-Moberly and Kispiox Valley corridors	Ensured that landowners in the new northeast corridor were informed of Project plans early in the process	a,b,c,f	Complete
June 2 to 4, 2013	Landowner information package	In-person meetings to introduce the proposed Project and seek survey permissions in the Williston-Moberly and Kispiox Valley corridors	Clarified the regulatory and land access processes and outlined the revised conceptual corridor	a,b,c,f	Complete

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
June 2 to 10, 2013	Targeted calls and emails re Project Description and new route options	<p>In late May 2013, the Project team communicated its intention to examine new route options between Hudson's Hope and Williston Lake, and between Williston Lake and the upper Kispiox Valley.</p> <p>The Project team contacted elected representatives and staff for affected areas and provided updated maps showing the new options. Calls went to Bulkley-Nechako Areas C and G, to Mackenzie, and, for the first time, to the Village of Granisle. An email message was provided to the Chair of the Regional District of Kitimat-Stikine.</p> <p>The Project team sent an email message and map attachment to its stakeholder list to communicate that the Project Description had been posted on the Project website, but also to say that some new options were under consideration</p>	Village of Granisle was added to the PRGT's list of communities Officials expressed appreciation for the contact	a,b,c,f	Complete
June 19, 2013	Launch of the monthly PRGT Project Activity Update	<p>This is a monthly letter distributed to local governments and other interested stakeholders, listing upcoming field and engagement activities for the coming 30 days</p> <p>Posted on Project website for all interested parties to access</p>	Contacts are being added to the monthly distribution list as requested	a,b	Ongoing
July 8, 2013	Special routing meeting, Mackenzie	Met with District of Mackenzie officials and the Mackenzie Nature Observatory to consider route alternatives in light of the community's interest in protecting local wetlands	The Project team agreed to adjust the corridor south, to an alignment that passes through a corner of the District	a,b,c,e,f,g	Complete
August 2013	Landowner information package and face-to-face meetings	In-person meetings with landowners in Nass Valley to introduce the proposed Project, explain the survey process and survey documents	Demonstrated a commitment to ongoing engagement	a,b,c,e	Complete

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
August 31, 2013	Notification to North Coast local governments	Notification of the Project's intention to evaluate corridor options in parks and conservancies from the Nass Valley to Prince Rupert. Letters and maps went to the City of Prince Rupert, the District of Port Edward, Regional District of Kitimat-Stikine and Skeena-Queen Charlotte Regional District.	No queries were received in response to the letters submitted.	b,c,e	Complete
August to September 2013	Notification to Crown land interest holders	An introduction to the proposed Project and information on the proposed route crossing their tenure	Feedback on concerns of the routing on tenures	a,b,c,e	Complete
September 2013 to August 2014	Engagement with Crown land interest holders	Ongoing engagement with Crown land interest holders who express concern or have questions	Respond to concerns/questions and resolve where appropriate	a,b,c,e	Ongoing
July 2013 to November 2013	Feedback from Crown land interest holders to inform EA	One on one discussions between consultant and guide outfitters (hunting and fishing), trappers, recreational groups potentially impacted by the Project	Discussed current use of lands by crown land interest holders and users of Crown lands; identified issues and concerns	a,b,c,e	Complete
November to December 2013	Gathering information for Land and Resource Use	One on one discussions and correspondence with guide outfitters, and guide anglers	To gather data for the land and resource use section of the application	a,b,c,e	Complete
September 2013	Landowner information meeting, Nass Valley	Engage with landowners in the Nass Valley and provide a forum for general discussion on routing and other Project-related issues	Clarified the regulatory and land access processes; offered a commitment to assess an alternative route in the vicinity	a,b,c,e,f	Alternative route assessment in progress

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
September 12 to 20, 2013	Project Update Presentations to Regional Districts and Village of Granisle	Project updates, including the route update (establishing a study corridor from a point near the District of Hudson's Hope to Cranberry Junction as well as ongoing investigations of conceptual alternative corridors west of Cranberry Junction) was presented to 4 of the 5 Regional Districts (NOTE: Peace River Regional District was unavailable during this timeframe, and was therefore scheduled for Nov 14 2013) Held an introductory meeting with Village of Granisle Council to formally introduce the Project, share updates and gather feedback.	The Project update information provided, including recent route adjustments based on engagement and assessments to date, were well received.	a,b,c,e,f,g	Complete
September 14 to 17, 2013	Project Route Update - Study corridor (by phone and email)	Local governments (elected officials and staff) were notified by phone and/or email that the route alternatives introduced in early June had been adopted as the proposed Project's study corridor from the District of Hudson's Hope to Cranberry Junction	Only one objection was noted with regard to the new route A Rural Director with Regional District of Kitimat-Stikine noted that her concerns were not specific to the proposed Project, but rather, regarding cumulative effects and a desire to have the provincial government play a guiding role for all development projects Officials expressed a desire for discussions in upcoming months with regard to planning for work camp operations, road and bridge upgrades, and construction traffic	b,f,g	Complete

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
September 17 to 20, 2013	Union of BC Municipalities Convention	Project representatives met with local government officials from across BC at the TransCanada trade show booth and gathered names for the Project update list	Officials expressed either a positive interest in the proposed Project or strong support, and advised the Project team to focus on face-to-face meetings, community partnerships and the importance of an informative, up-to-date website.	b,c,f,g	Complete
October 4, 2013	Meeting of Northwest and Central Interior CAOs	Project representatives met in New Hazelton with Chief Administrative Officers from the area of northern B.C. from Vanderhoof to Port Edward.	Project representatives and local officials discussed the project timeline and potential social and environmental effects from construction	b,c,e,f	Complete
October 16, 2013	Meeting with District of Port Edward	Project representatives met in Prince George with the Mayor and CAO of Port Edward	The Mayor and CAO asked for clarification on the proposed route through the District. In November, the project team advised the District that planning for the overland option in Port Edward was being suspended, and only marine options would be assessed.	b,f	Complete
November 4, 2013	Stakeholder notification re dAIR comment period	Email notification to local governments and key stakeholders of the Draft Application Information Requirements comment period, designated by the BC EAO to run from November 19 through December 18, and associated open houses to be held in four communities	The District of Mackenzie complimented the Project team on its community outreach efforts and expressed the wish that PRGT would find a route through the District that would achieve general community support.		Complete

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
November, 2013	Landowner notification re dAIR comment period	Notification by mail to potentially affected landowners and Crown tenure holders of the Draft Application Information Requirements comment period, designated by the BC EAO to run from November 19 through December 18, and associated open houses to be held in four communities	Other than the Mackenzie residents' comments referred to below, there was a single comment from the Hudson's Hope area expressing concern about potential construction effects. The author of the comment received a detailed response.	b,g	Complete
November, 2013	Public notification re dAIR comment period	Newspaper advertisements in the project area advising the public of the Draft Application Information Requirements comment period, designated by the BC EAO to run from November 19 through December 18, and associated open houses to be held in four communities	Residents of the Gantahaz subdivision in Mackenzie expressed concern in writing about the location of the proposed route. The Project team responded by initiating studies of other route options. This was to be communicated to Mackenzie residents in late January / early February	b,g	Complete
November 26 to 29, 2013	Infrastructure discussions with local governments	Project representatives met with officials from the Fraser-Fort George Regional District (in Prince George), the District of Mackenzie, the District of Hudson's Hope, the District of Chetwynd and the Peace River Regional District (at the Fort St John airport). Issues included but were not limited to: proposed access road upgrades and construction, facilities location, road and bridge use requirements, rail transport requirements, air transport requirements, pipe laydown areas, emergency response during and after construction, waste management, work camp location and management, accommodation and housing requirements in addition to work camps, health services requirements, watercourse crossings, safe pipeline operations	The project committed to return for more specific planning on the identified issues after prime contractors are engaged	b,f	Ongoing

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
November 27 to December 5 2013	BC EAO open houses related to dAIR comment period	Project representatives supported BC EAO staff in open houses at Hudson's Hope, Mackenzie, Hazelton and Port Edward, receiving public input on the structure and contents of the draft Application Information Requirements	Project representatives answered questions from the public on the project timetable, the location of the study corridor, pipeline safety, potential economic benefits, and potential environmental and social effects from construction. Residents of the Gantahaz subdivision in Mackenzie expressed concern at the open house about the location of the proposed route. The Project team responded by initiating studies of other route options. This was to be communicated to Mackenzie residents in late January / early February.	a,b,c,e,f,g	Complete

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
December 9 to 11, 2013	Infrastructure discussions with local governments	Project representatives met with officials from the Regional District of Bulkley-Nechako along with the Village of Granisle (in Burns Lake), the District of Fort St. James (by phone), the District of New Hazelton and Village of Hazelton (in New Hazelton) and the Regional District of Kitimat-Stikine (in Terrace) Issues included but were not limited to: proposed access road upgrades and construction, facilities location, road and bridge use requirements, rail transport requirements, air transport requirements, pipe laydown areas, emergency response during and after construction, waste management, work camp location and management, accommodation and housing requirements in addition to work camps, health services requirements, watercourse crossings, safe pipeline operations	The project undertook to return for more specific planning on the identified issues after prime contractors are engaged	b,f	Ongoing
December 18, 2013	Engagement with commercial fishing and tour operators	Engaged with commercial fishing and tour operators who operate in the Nass and Prince Rupert areas to identify interests and issues	Feedback on issues or concerns on the marine routing on the operations of commercial fishing and tour operators	a,b,c,f	Ongoing

5.0 SUMMARY OF KEY STAKEHOLDER CONCERNS, INCLUDING RESPONSES

Table 5-1 lists Project-specific concerns that were raised by stakeholders or the public during 2013, and indicates PRGT's response and how each is related to the Project's draft Application Information Requirements.

Table 5-1: Project-Specific Concerns Raised by Stakeholders

Category of Concern	Predominant Issues	Mitigation and Response	Relevant Section of Draft Application Information Requirements
Environmental Effects	Habitat fragmentation and loss of wilderness areas.	In routing the pipeline PRGT used existing disturbance to minimize habitat fragmentation. Effects to wildlife and habitat are being assessed and will be included in the Application.	Issues related to habitat fragmentation and loss of wilderness areas will be addressed in the Application in the following sections: Wildlife and Wildlife Habitat, Land and Resource Use
	Carbon and Green House Gas (GHG) emissions.	PRGT will estimate and report on GHG emissions resulting from the Project. The best available technology, that considers GHG emissions, air emissions and technical requirements, will be used. A leak detection and repair procedure for fugitive emissions will be implemented and vented emissions will be reduced.	GHG emissions will be addressed in the Greenhouse Gas section of the Application.
	Air Pollution	Compressor stations will be designed and operated to meet ambient air quality standards. To minimize air emissions during construction, low-sulphur fuel will be used during clearing and disposal, and the BC Open Burning Smoke Control Regulation will be followed.	Air emissions will be addressed in the Air Quality section of the Application

Category of Concern	Predominant Issues	Mitigation and Response	Relevant Section of Draft Application Information Requirements
	Protection of rivers and riparian areas. Potential impacts to salmon and other fish species. Potential impacts to water quality, including turbidity, surface water quality, temperature, extraction Potential impacts to riparian vegetation cover and bank stability.	PRGT recognizes the importance of fish and fish habitat, including riparian areas and the need to minimize any potential impacts. In conducting routing activities, we have tried to minimize the number of stream crossings. The selection of the crossing location and the watercourse crossing methodologies will consider fish, and fish habitat along with technical construction constraints to minimize overall disturbance. During construction, clearing at watercourse crossings will be restricted to the smallest footprint required to safely construct the pipeline. Following construction, disturbed banks and riparian areas will be reclaimed as soon as possible.	Water Quality issues will be addressed in the Water Quality section of the Application. An assessment of rivers and riparian areas will be addressed in the Freshwater Aquatic Resources section of the Application.
	Protection of Wetlands	Avoidance of wetlands, where possible, was considered in the routing of the pipeline and selection of compressor station locations. Works in and around water will require application for approval under the <i>Water Act</i> (1996) from the BC Oil and Gas Commission. During construction, a number of mitigation measures will be put in place to minimize disturbance including restricting temporary workspace, reducing grading, and using protective layers.	Wetlands will be addressed in the Vegetation and Wetland Resources section of the Application.

Category of Concern	Predominant Issues	Mitigation and Response	Relevant Section of Draft Application Information Requirements
	Damage to sensitive areas, parks and protected areas. Exploration in protected areas.	PRGT has tried to minimize potential impacts to sensitive areas, including protected areas where at all possible. The current study corridor includes a route through the Nisga'a Memorial Lava Bed Park. In order to conduct studies, park use permits have been sought, and included environmental management plans to ensure that potential effects would be minimized.	Parks and protected areas will be addressed in the Land and Resource Use section of the Application.
Environmental Effects (cont'd)	Concerns about multiple pipeline projects and not using existing, shared linear impacts or ROW's. Pipelines should be routed together.	PRGT used existing disturbances, including linear corridors such as utility corridors and road corridors, to limit overall new disturbance. As well, we considered and will maximize the use of existing access roads during construction. Pipeline companies routinely develop competitive proposals. Criteria for selecting routing are often similar, but given that start and end points are different, it is not always possible to have a common corridor.	Routing criteria will be provided in the Proposed Project Overview of the Application.
	Risks to marine environment from submerged pipeline.	PRGT will be fully describing potential effects of a marine pipeline to the environment in its application.	Potential impacts to the marine environment will be addressed in the Marine Resources section of the Application.

Category of Concern	Predominant Issues	Mitigation and Response	Relevant Section of Draft Application Information Requirements
	Assessments should consider cumulative effects of multiple, concurrent regional projects.	PRGT will be conducting a cumulative effects assessment considering past and future projects as identified in the Project Inclusion List in the Application Information Requirements.	Cumulative effects assessments will be addressed within each Valued Component section of the Application
Regulatory and Project Process	Distrust of regulations and perceived weak regulation of the energy industry.	PRGT is committed to the transparent development of site-specific plans through consultation with First Nations and stakeholders.	Not included within the scope of the Application however, the public is able to stay informed of our project and provide feedback through a number of means including our project website.
	Concerns over lack of consultation in some small communities that may be affected. Insufficient consultation timelines. Insufficient project notification.	In response to perceptions of being overlooked, community meetings in small communities were initiated to address concerns.	Consultation and engagement efforts will be documented in the Public and Aboriginal Consultation Reports and in the Public Consultation section of the Application
	Resource development in B.C. needs a coherent plan	The EAO requires potential projects to undergo an environmental assessment process, thereby requiring that only projects which meet certain regulated standards can be built.	Not included in the scope of the PRGT Project
	Concerns that the PRGT pipeline may be converted to carry crude oil in the future.	The purpose of the project is to transport natural gas to the Pacific NorthWest LNG terminal. The regulatory approvals for PRGT will reflect a natural gas pipeline system. Any change in the purpose of the pipeline would require a new regulatory process.	PRGT is applying for an Environmental Assessment Certificate for a natural gas pipeline as detailed in the Draft Information Requirements and the Proposed Project Overview of the Application. The purpose of the pipeline is to transport natural gas.

Category of Concern	Predominant Issues	Mitigation and Response	Relevant Section of Draft Application Information Requirements
Economic and Business Opportunities	The project must have fair, transparent, local-first procurement processes, not pre-determined contractors.	PRGT aims to maximize local business and employment opportunities. This will be achieved through local/regional/Aboriginal employment and procurement policies and cooperation with economic development agencies to promote training and recruitment of local, regional and Aboriginal labour force. Project updates will be provided to stakeholders such as municipalities, Aboriginal communities, economic development agencies, and training institutions, allowing sufficient time to plan for Project effects on economic conditions.	The Economic Effects section of the Application will describe PRGTs approach to contracting, training, and development.
	Landowners should be paid rents as compensation. Landowners are overwhelmed and out-negotiated in this regard.	PRGT generally does not pay landowners a rental fee but does take a comprehensive approach to the economics of the arrangement when establishing payment value.	Compensation is outside the scope of the Application
	The PRGT project must bolster and support local employment business opportunities through 'local-first' policies.	Most construction labour will be hired by the prime contractors and their subcontractors. Commitment to local hiring will be a consideration in selecting the prime contractor or contractors. Before construction begins, the prime contractor will prepare a labour plan for discussion with our project team.	The Economic Effects section of the Application will address economic development opportunities

Category of Concern	Predominant Issues	Mitigation and Response	Relevant Section of Draft Application Information Requirements
	Compensation for loss of land access and recreation.	PRGT will consult with local governments and service providers, clubs and associations to determine potential effects of construction on access to land. A traffic management plan will be developed to minimize disruption to community activities as much as possible.	The Social Effects section of the Application will address potential effects of the Project on government service providers and local recreational facilities.
	Property taxes from the pipeline should be shared to support local services.	Once operational, the pipeline is expected to generate an estimated \$25 million in annual property tax payments to the B.C. government, which may then allocate the money to various accounts including school districts, policing funds, regional district operations and local provincial government operations.	Property taxes are outside the scope of the Application
Accidents and Safety	Pipeline ruptures, gas leaks and dangerous pipeline operating pressures.	PRGT will be designed, operated and maintained to minimize the potential for a pipeline incident. The pipeline will be monitored 24/7. In the unlikely event of an emergency, we have a comprehensive Emergency Response Plan.	Pipeline leaks will be addressed in the Accidents and Malfunctions section of the Application.
	Risks of fire from lightning strikes and from forest fires.	Given that a pipeline is buried, and that there is a buffer between compressor stations and nearby forests, there is very minimal risk related to a forest fire or lightning strike. In the event of an emergency, PRGT has a comprehensive Emergency Response Plan.	Risk of fire from lightning strikes and forest fires will be addressed in the Effects of the Environment on the Project section of the Application

Category of Concern	Predominant Issues	Mitigation and Response	Relevant Section of Draft Application Information Requirements
Wildlife and Fish	Concerns over declining ungulate populations, most notably caribou and also moose. Prominent concerns over further impacts to caribou.	<p>PRGT will be assessing potential impacts to wildlife and to freshwater aquatics (including fish)</p> <p>PRGT routed the pipeline to minimize potential impacts to caribou habitat. A Caribou Habitat Restoration Plan will be developed with the appropriate regulatory agencies. Aboriginal groups and stakeholders will be consulted.</p> <p>Pipeline construction, including clearing activities, will be scheduled to avoid relevant ungulate winter ranges in accordance with provincial regulations.</p> <p>PRGT will consult with provincial regulators on appropriate provincial timing constraints.</p> <p>Measures will be implemented to reduce access (human and predator) along the pipeline ROW following construction.</p>	Effects to caribou and moose will be addressed in the Wildlife and Wildlife Habitat section of the Application. Fish will be addressed in the Freshwater Aquatics section of the Application.

Category of Concern	Predominant Issues	Mitigation and Response	Relevant Section of Draft Application Information Requirements
	Concerns over damage to fish habitat and spawning areas as well as injury and displacement of fish.	<p>PRGT will be assessing potential effects to fish and fish habitat in the Freshwater Aquatics section of the Application.</p> <p>Minimizing the number of watercourse crossings was a criterion in pipeline routing. The selection of crossing locations and approaches will consider fish and fish habitat along with construction constraints to minimize potential effects.</p> <p>Works in and around water require application for approval under the <i>Water Act</i> (1996) from the BC Oil and Gas Commission. Riparian buffers will be maintained in accordance with the <i>Oil and Gas Activities Act</i> (2008).</p> <p>During construction, erosion and sediment control will be installed at all watercourses and/or water bodies.</p>	Potential effects to fish habitat and spawning areas will be addressed in the Freshwater Aquatics section of the Application.
Recreation and Land Use	Disruption to Baldy Mountain and Manson Creek for snowmobiling.	A new corridor was adopted in September 2013 that provides a minimum 75 km buffer from Manson Creek and Baldy Mountain.	Potential impacts to recreation sites will be addressed in the Land and Resource Use section of the Application.
	Unclear if the pipeline ROW will permit recreation access. It may also create new access pressures.	It is possible that temporary restrictions will be in place during construction. An Access Management Plan will be developed in consultation with regulatory agencies, Aboriginal groups, and stakeholders as project planning proceeds.	Potential impacts to recreation sites will be addressed in the Land and Resource Use section of the Application

Category of Concern	Predominant Issues	Mitigation and Response	Relevant Section of Draft Application Information Requirements
	Disruptions and degradation of hunting and trapping along the pipeline corridor.	An Access Management Plan will be developed in consultation with regulatory agencies, Aboriginal groups, and stakeholders as project planning proceeds.	Potential impacts to hunting and trapping will be addressed in the Land and Resource section and Chapter C of the Application
	Wild mushrooms are an important local harvest and the proposed Project could affect their growth and access to them.	Where areas are identified that are important for wild mushroom harvesting, PRGT will work with the potentially affected Aboriginal groups and stakeholders to develop mitigation to minimize potential impacts.	Potential effects to mushrooms will be addressed in the Vegetation and Wetlands section of the Application
Community and Social Concerns	TransCanada should help to improve local infrastructure, like roads and communications.	The Project continuously relays the information it learns about community concerns in meetings with the provincial government ministers and bureaucrats.	Potential impacts on major roads and highways will be addressed in the Transportation section of the Application.
	Housing for PRGT staff should be permanent and left as a legacy to local communities.	Pipeline employees will be housed in temporary work camps. Some assets from work camps will be made available to communities after construction.	Potential effects on community social concerns will be addressed in the Community Infrastructure and Services section of the Application

Category of Concern	Predominant Issues	Mitigation and Response	Relevant Section of Draft Application Information Requirements
	The influx of workers will strain local infrastructure, facilities and community services.	<p>PRGT will continue to consult with local communities and service providers.</p> <p>During construction, workers will be housed at temporary work camps to minimize impacts to local communities. Work camp locations and management plans are being developed. Local service providers will be consulted in the development of these plans.</p> <p>Camps will be equipped with first aid facilities and equipment and staff them with emergency medical technicians, or if possible, nurse practitioners.</p> <p>As well, fitness facilities and recreational opportunities to promote physical and mental wellness will be provided.</p>	Potential effects on community social concerns will be addressed in the Community Infrastructure and Services section of the Application.
	Concerns about incursions onto private property.	PRGT will inform landowners of rerouting plans and options that may affect them. All landowners will be notified prior to activities being conducted on their lands.	Concerns about private property will be addressed in the Public Consultation section of the Application.
	Concern about the pipeline's proximity to Gantahaz subdivision	PRGT plans to meet with the District of Mackenzie and the residents of the Gantahaz subdivision on February 18, 2014 to discuss routing through Mackenzie. PRGT is considering a re-route that will minimize potential environmental impacts to Mugaha Creek while providing more distance between the pipeline and the subdivision.	Routing considerations will be addressed in the Proposed Project Overview section of the application

Category of Concern	Predominant Issues	Mitigation and Response	Relevant Section of Draft Application Information Requirements
Industrial Disturbances	Disturbance from construction, traffic and associated noise and dust. Including helicopter noise and planned compressor stations.	PRGT will develop its project in full compliance with regulatory requirements. Construction noise and dust are expected to be of short duration. Compressor stations will be designed to meet regulatory requirements for noise. Location of facilities will consider distance to permanent residences. Helicopters are a temporary disturbance used to ensure thorough assessments and confirm safe pipeline operation.	Assessment of noise emissions will be addressed in the Application in the Acoustic Environment section. Assessment of traffic-related issues will be addressed in the Application in the Social Effects – Transportation section.
	Gas coming from fracking	While PRGT acknowledges the expressed concern with respect to hydraulic fracturing, this issue is not included within the scope of the Project. TransCanada, as a pipeline company, conducts no drilling or marketing of the products it transports.	Not included in the scope of the PRGT Project.
	Future pipeline abandonment	Pipeline decommissioning is not required under the assessment. However, PRGT will file a Decommissioning Plan with the EAO. Future abandonment and decommissioning activities will comply with all regulatory requirements at the time of abandonment, which is expected to be beyond 40 years.	A commitment to develop a Decommissioning Plan is captured in the Proposed Environmental Operational Management Plans.

6.0 FUTURE ENGAGEMENT ACTIVITIES

The primary objectives of the PRGT engagement program throughout the regulatory review process are to:

- Continue to communicate with interested stakeholders about the proposed Project and continue to integrate stakeholder input into project plans.
- Ensure stakeholders are aware of the status of regulatory applications and opportunities to provide input into the regulatory process.
- Seek to address questions related to potential effects from construction and discuss potential mitigation measures.
- Respond to issues raised by stakeholders in relation to the EA application for the proposed Project.
- Engage with directly affected landowners to acquire the right-of-way for the proposed Project.

Throughout the regulatory review period, PRGT intends to engage stakeholders and solicit input on project plans by:

- Continually updating project website and engagement materials as new information becomes available.
- Distribution of regular project updates to stakeholders.
- Regular meetings with elected officials and staff within municipalities along the proposed route.
- Continue to engage with commercial fishermen and tour operators with respect to the marine portion of the proposed route.
- Continue to engage with trappers, guides, outfitters and other land users.
- Initiate discussions with local post-secondary institutions and other regional organizations to develop partnerships focused on the development of local skills and capacity to enhance local opportunities.
- Engage local communities in identifying business capacity and communicate skills training opportunities.
- Continue to invest in community initiatives focused on areas of particular interest and need expressed by communities along the proposed route.
- Respond to comments related to the EA application for the proposed Project.
- Provide timely responses to inquiries received through the Project e-mail and voice mailboxes.
- Respond to requests for project updates from municipalities and other interested stakeholders.

- Report to the EAO and OGC on public comments and issues and seek guidance related to ongoing implementation and refinement of the Public Consultation Plan.



Prince Rupert
Gas Transmission Project

Public Consultation Report #2

PRGT004776-TC-EN-RP-0006

April 1, 2014

Rev 0

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1.0 INTRODUCTION

Prince Rupert Gas Transmission Ltd. (PRGT) launched its public consultation program on January 9, 2013, the day the proposed Prince Rupert Gas Transmission Project (the proposed Project) was announced to the public. PRGT uses the proposed Project's Public Consultation Plan, approved by the BC Environmental Assessment Office (EAO), to guide public consultation activities during the Pre-application Stage and the Application Review Stage of the environmental assessment (EA) process for the proposed Project.

On January 31, 2014, PRGT submitted the first Public Consultation Report (#1), which detailed the activities and outcomes of PRGT's public consultation program from January 9, 2013 to December 31, 2013. This is the second Public Consultation Report (#2) that details the activities and outcomes of PRGT's public consultation program from January 1, 2014 to March 31, 2014.

PRGT will continue to undertake public consultation as part of the EA process under British Columbia's *Environmental Assessment Act*.

1.1 PROJECT BACKGROUND

PRGT proposes to construct and operate a pipeline to transport sweet natural gas from a point near Hudson's Hope, to the proposed Pacific NorthWest LNG natural gas liquefaction and export facility (PNW LNG) near Prince Rupert, at Lelu Island, within the District of Port Edward.

The proposed Project will be designed, owned and operated by PRGT, a wholly owned subsidiary of TransCanada PipeLines Limited (TransCanada). PRGT is the general partner and acts on behalf of Prince Rupert Gas Transmission Limited Partnership. PRGT would legally own and operate the proposed Project assets for the benefit of the limited partnership.

The proposed Project is located entirely within the province of British Columbia (BC) and includes the construction and operation of a pipeline, a metering station at the delivery point to the PNW LNG facility, and three compressor stations with provision for five additional compressor stations to allow for future expansion.

The proposed Project consists of both land and marine based sections of pipeline. Depending on the final route, the proposed Project could include up to 780 km of 1,219 mm diameter (NPS 48) of land based pipeline and up to 120 km of twin 914 mm diameter (NPS 36) of marine based pipeline. The total length will be up to 900 km. The land based pipeline will be buried.

The proposed Project will also require the construction of new permanent and temporary access roads and other temporary infrastructure, such as construction roads,

temporary bridges, stockpile sites, borrow sites, contractor yards and construction camps.

1.2 DOCUMENT PURPOSE

PRGT is required to submit a Public Consultation Report to the EAO at the time of submission of the Environmental Assessment Certificate (EAC) application. This reporting requirement is outlined in EAO's Section 11 Order.

This report reflects what PRGT has heard or received as a result of consultation and engagement activities from January 31, 2014 to March 31, 2014. Consultation and engagement activities will continue throughout the duration of the EA process and will be detailed in subsequent reports as deemed appropriate.

As required under Section 22.1 of the Section 11 Order, this report is intended to:

- summarize consultations with the public that PRGT has carried out in relation to the proposed Project
- summarize information, questions and comments received from the public within the scope of the EA, and how those were resolved
- indicate next steps for public consultation activities

2.0 PUBLIC CONSULTATION OBJECTIVES

PRGT's public consultation program is designed to provide opportunities for local governments, potentially affected landowners, Crown tenure holders, and other stakeholders including the public, to engage with the Project team about the proposed Project. PRGT's approach to public consultation is based on its values of openness, transparency, accessibility and respect, and seeks to ensure stakeholder input is integrated into the EA process.

The objectives of the Public Consultation Plan are to:

- a. identify potentially interested stakeholders and determine the nature of their interests
- b. provide timely and accurate information in order to facilitate meaningful engagement with the public, including information about the proposed Project, the process of approvals, construction practices, and the potential effects and benefits associated with the proposed Project
- c. inform stakeholders about how they can become involved in the regulatory processes, including the EAO and BC Oil and Gas Commission (OGC) environmental assessment and regulatory processes, respectively

- d. provide public communications materials that are consistent, and easy to understand
- e. provide a choice of means and opportunities for involvement in the consultation and regulatory process
- f. collect and respond to stakeholder input, issues and concerns, modifying Project design and execute where appropriate
- g. communicate to stakeholders how their input has shaped or affected the design and outcome of the proposed Project
- h. make regulators aware of stakeholder-related issues and concerns through systematic reporting.

3.0 OVERVIEW OF CONSULTATION

By the end of March 2014, PRGT engaged with many stakeholders along the proposed route to share information and gather feedback on the proposed Project. We met with elected officials and staff from five Regional Districts, fourteen municipalities and two unincorporated hamlets. We contacted 212 potentially affected landowners, 414 Crown tenure holders and several other stakeholders, including commercial fisheries, tour operators and recreational land users. In addition, PRGT team members made themselves available at two sets of public open houses, for a total of eleven along the proposed route, in an effort to be accessible to the communities at large.

The input received through these interactions was shared across the Project team and considered in Project plans and internal discussions. Technical assessments and public input led the Project team to make route refinements within a number of municipalities and communities. PRGT will continue to work with stakeholders on route refinements. Discussions have taken place in several communities, including: District of Hudson's Hope, District of Mackenzie, Irene Meadows, New Aiyansh, Kispiox Valley, Middle River.

4.0 COMMUNITY ENGAGEMENT SUMMARY

4.1 INITIAL STAKEHOLDER ENGAGEMENT – JANUARY 2013 TO MAY 2013

Commencing with an official Project announcement in January 2013, and using an initial stakeholder list of potentially interested stakeholders, PRGT undertook to introduce the proposed Project to key stakeholders and to determine stakeholder interest in the proposed Project, identify initial questions or concerns, and to identify stakeholder expectations for further engagement. The details of the activities and outcomes for this phase were provided in the Public Consultation Report #1.

4.2 BROAD STAKEHOLDER ENGAGEMENT – MAY 2013 TO MARCH 2014

Throughout the course of the broad stakeholder engagement phase, PRGT sought to introduce the proposed Project to a variety of interested and potentially affected stakeholders along the proposed route, support pre-application deliverables including the development and communication of the dAIR for the proposed Project and its related public comment period, and ensure that stakeholder input is considered in Project planning efforts (including the development of ongoing engagement plans, route identification and refinement, and implementation of environmental assessments and potential mitigation planning).

Details of the activities and outcomes for the May 2013 to December 2013 timeframe were provided in the Public Consultation Report #1.

From January 1, 2014 to March 31, 2014, PRGT continued to engage with stakeholders through a number of activities, including:

- engaging additional stakeholders, and through preliminary engagement of these stakeholders, developed an understanding of interests and priorities
- communicating Project details, including the purpose of the proposed Project, Project updates, the regulatory review process, construction and reclamation methods, community benefits, and opportunities for stakeholder input
- engaging in discussions with various stakeholders, including local government staff and/or elected officials, landowners, Crown tenure holders, etc, to respond to interest in pipeline routing, construction planning, and future operating practices
- gathering additional input from local government staff and/or elected officials regarding routing options, infrastructure considerations and community priorities
- meeting with various post-secondary institutions and training organizations, where program offerings, areas of particular focus for TransCanada and community priorities related to skills and training funding were discussed, to further refine PRGT's skills and training initiative
- identifying issues/concerns, which were shared within the Project team for consideration in Project planning efforts
- presenting to local business organizations and at conferences
- investing in community initiatives based on input gathered from local governments and community organizations, focusing in the areas of community (e.g., education and health, civic), safety and the environment
- providing timely, detailed responses to comments and questions submitted through the PRGT toll-free phone line and email account
- updating Project website and consultation materials as new information becomes available

Table 4-1 summarizes community engagement activities and outcomes from January 1, 2014 through to March 31, 2014.

Table 4-1: Community Engagement Outreach Activities

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
Since January 2013	Respond to toll-free phone line and Project email account	General public invited to contact PRGT at any time to ask questions or raise concerns.	Received and responded to approximately 450 emails and 50 phone calls to date	b, e, f	Ongoing
Since January 2013	Local government outreach	Engagement with local governments, sharing Project information and updates as well as following up with those who have questions or express concerns.	Engaged with 5 regional districts, 14 municipalities and 2 unincorporated hamlets, responding to concerns/questions and resolving where appropriate	a, b, c, d, e, f, g	Ongoing
Since March 2013	Landowner outreach	Engagement with landowners, sharing Project information and updates as well as following up with those who have questions or express concerns.	To date, engaged with 212 landowners, responding to concerns/questions and resolving where appropriate	a, b, c, d, e, f, g	Ongoing
Since May 2013	Keep website current with Project information	www.princerupertgas.com features Project information, Project updates, photos, maps, an event calendar, a question submission form, a vendor sign-up form, etc Information continues to be updated.	The Project website is an ongoing source of Project information, a channel through which contractors can seek opportunities and members of the public can reach the Project team to pose questions and provide comments.	a, b, c, d, e, f, g	Ongoing
Since June 2013	Community investment and partnering efforts	Developed and implemented a community investment program that considers input received from local governments and communities on local interests and priorities. Dialogue with local governments and communities will continue.	Made community investments along the Project corridor based on stakeholder input, focusing on initiatives related to community (e.g., education, health, civic), safety and the environment.	a, f	Ongoing
Since June 2013	Monthly Project Activity Updates	This is a monthly letter distributed to local governments, interested stakeholders as well as Aboriginal groups, listing field and engagement activities for the coming 30 days. This is also posted on the Project website for all interested parties to access.	As of March 2014, the distribution list contains more than 350 names. Contacts continue to be added to the monthly distribution list as requested	a, b, d, g	Ongoing

Table 4-1: Community Engagement Outreach Activities (cont'd)

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
Since June 2013	Discussions with government agencies and departments	Members of the Project team and its consultants corresponded with a number of government agencies including: EAO, OGC, DFO, Transport Canada, BC Parks, Environment Canada, MFLNRO, Archaeology Branch, and Ministry of Environment.	Topics of discussion included: Regulatory permits, Permits and requirements (e.g. navigable waters, Investigative Use Permits, marine surveys, disposal at sea requirements, etc.), data gathering, general discussions on "state" of the environment to inform the EA and regulatory applications, Discussions of wildlife – in particular – recovery plans for caribou, grizzly bear	a, e, f, g, h	Ongoing
Since September 2013	Crown tenure holders outreach	Engagement with Crown tenure holders, sharing Project information and updates as well as following up with those who have questions or express concerns.	Engaged with 414 Crown tenure holders, responding to concerns/questions and resolving where appropriate	a, b, c, d, e, f, g	Ongoing
November 2013	Landowner information meeting: Nass Valley	Engaged with landowners in the Nass Valley and provided a forum for general discussion on routing and other Project-related issues	Sept 2013 - clarified the regulatory and land access processes; offered a commitment to assess an alternative route in the vicinity. Nov 2013 - Held another meeting and informed that a re-route has been made to by-pass their lands.	a, b, c, e, f	Complete <i>NOTE: This entry was inadvertently missed on the Public Consultation Report #1</i>

Table 4-1: Community Engagement Outreach Activities (cont'd)

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
Since November 2013	Infrastructure discussions with local governments	<p>Project representatives are in discussions with staff and/or elected officials across the Project corridor. This has been a combination of face-to-face meetings in the community, phone calls and email communication.</p> <p>Nov - Dec 2013 - The initial meetings were to share some preliminary infrastructure plans (e.g., construction camps, laydown yards and stockpile sites, transportation access and corridors, construction timelines, traffic, etc) and to solicit feedback and input that could potentially be incorporated into the overall Project planning efforts.</p> <p>Jan - Mar 2014 - The focus of discussions has been to provide additional details on potential locations of construction camps, laydown yards and stockpile sites and to solicit feedback.</p>	<p>Nov - Dec 2013 - Topics/issues included but were not limited to: proposed access road upgrades and construction, facility locations, road and bridge use requirements, rail transport requirements, air transport requirements, pipe laydown areas, emergency response during and after construction, waste management, work camp location and management, accommodation and housing requirements in addition to work camps, health services requirements, watercourse crossings and safe pipeline operations.</p> <p>Jan - Mar 2014 - No permitting-related concerns were cited. Other topics raised included: a request for PRGT to consider / review additional sites, confirmation of the involvement of Aboriginal groups, value of being updated as the proposed Project progresses.</p>	b, e, f, g	<p>In Progress</p> <p><i>NOTE: Committed to Follow Up Mid/Late 2014 (once contractors are awarded)</i></p>

Table 4-1: Community Engagement Outreach Activities (cont'd)

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
December 18, 2013 to January 30, 2014	Engagement with commercial fishing and tour operators	Project representatives provided Project information to commercial fishing and tour operators who operate in the Nass and Prince Rupert areas to identify interests and issues.	Contacted 60 commercial fishing and tour operators, of which 24 provided feedback. Majority stated they had no concerns. Concerns noted were about environmental impacts on water and fisheries. One concern was about impact on scenery.	a, b, c, e, f	Complete
Since January 2014	Education and skills training discussions	Held several discussions and meetings with post-secondary institutions as well as training organizations. These included: University of Northern British Columbia Northwest Community College College of New Caledonia Aboriginal training organizations	Gathered input on priorities and needs of northern BC post-secondary institutions and training organizations This information has contributed to the further refinement of PRGT's skills and training initiative	a, b, d, f, g	In progress Follow-up meetings with these as well as additional post-secondary institutions and training organizations are planned in the coming months
January 21-22, 2014	Trade booth and presentation: Premier's BC Natural Gas Resources Forum (Prince George)	Project representatives provided Project information to conference delegates	Provided stakeholders with Project updates	a, b, c, e, f	Complete
January 22 to March 20, 2014	Business community outreach	Conducted presentations, providing context on how PRGT fits into the broader LNG industry and markets, to the Chambers of Commerce: Prince Rupert (Jan 22) Terrace (Jan 23) Smithers (Feb 20) Fort St John (Mar 18) Chetwynd (Mar 19) Mackenzie (Mar 20)	Questions focused on local benefits (community investments, skills training, contractor opportunities), socio-economic impacts, marine-related routing options, etc.	a, b, c, e, f, g	Complete

Table 4-1: Community Engagement Outreach Activities (cont'd)

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
February 18, 2014	Community Update Session (Mackenzie)	Project representatives hosted an update session to discuss a proposed route alternative based on feedback at the Nov 2013 open house. As the two routes were being demonstrated on the Google-Earth flyover, community members were encouraged to ask questions.	Community members provided feedback on both routes, and notably appreciated the effort taken by PRGT to consider input. Topics raised included: close proximity to a community subdivision, environmental impacts to the Mugaha Marsh Sensitive Area, construction practises, pipeline safety, Project benefits, etc. PRGT committed to further investigate suggested variations to the re-route alternative that was presented.	a, b, c, e, f, g	In Progress
Since February 2014	Outreach at Job Fairs	Project representative attended job fairs in an effort to gather information on community needs and priorities, make connections for future dialogue and share Project information, Project updates, and specifically in relation to opportunities for construction roles and responsibilities as well as qualification requirements. Examples include: Job fair in Hazelton hosted by Gitksan Education Society Job fairs in Terrace, hosted by University of Northern British Columbia and another by Northwest Community College	Reached approximately 500 people through attendance in job fairs Gained knowledge and developed contacts for further dialogue. The information gathered through this event has contributed to the further refinement of PRGT's skills and training initiative.	a, b, c, e, f	Ongoing

Table 4-1: Community Engagement Outreach Activities (cont'd)

Date	Activity	Description	Outcome to Date	Addresses Consultation Objectives:	Status
March 25, 2014	Conference: Supporting Access to Skills Training & Employment as it relates to First Nations and LNG industry (Prince Rupert)	Attended the conference, the focus of which was on the need to collaborate between industry, government and Aboriginal groups in order to have the best possible training plan. Presentations were made by several including: federal government, provincial government, Northwest community College, Tricorp, ITA, Hecate Strait Employment Services.	Approximately 120 people attended the conference. The information gathered through this event has contributed to the further refinement of PRGT's skills and training initiative.	a, b, c, e, f	Complete
March 2014	Recreational land users outreach	Contacted recreational land user groups across the Project corridor	To date, Project representatives provided information by phone and/or email to a total of seven land user groups in Peace River Regional District, Regional District of Fraser-Fort George and Regional District of Bulkley-Nechako. Of the seven contacted, three provided feedback. No concerns were raised. Those interested have been added to the Project Activity Update distribution list. Additional outreach underway.	a, b, c, e, f	In Progress

5.0 SUMMARY OF KEY STAKEHOLDER CONCERNS, RESPONSES AND MITIGATIONS

Table 5-1 provides a summary of the main concerns and the potential issues identified to date through public consultation. Although mitigation measures are presented in Table 5-1 in response to issues raised during consultation, the responses mentioned that relate to Value Components sections are more thoroughly discussed within Part B of the EAC Application. PRGT commits to continuing consultation in accordance with the Public Consultation Plan.

Table 5-1: Summary of Key Stakeholder Concerns, Responses and Mitigation

Predominant Issues	Response and Mitigation	Relevant Section in the EAC Application
Regulatory and Consultation Process		
Distrust of regulations and perceived weak regulation of the energy industry.	<ul style="list-style-type: none"> PRGT seeks to ensure that communication with respect to the proposed Project, including information related to regulatory applications and opportunities for stakeholder input into that process is open, transparent and truthful. PRGT will continue to engage with stakeholders to facilitate dialogue and gain feedback that will be integrated into the Project development where possible. For example: PRGT will continue to inform stakeholders of the regulatory and approval processes and how they can provide feedback into the Project planning process (e.g., face-to-face meetings, open houses, Project email, Project toll-free line, Project website, monthly Project activity update reports, etc.). The Project website is updated regularly and provides a source of information on the proposed Project in the form of text, maps, infographics, photographic images, videos, etc. PRGT is committed to the transparent development of site-specific mitigation of effects through consultation with stakeholders. 	<ul style="list-style-type: none"> Appendix C Consultation Materials EAC Application Part B and C
Concerns about insufficient level of consultation effort (i.e., consultation timeline, notification, etc.) in some communities that may be affected.	<ul style="list-style-type: none"> PRGT recognizes that many communities are potentially affected by a number of projects that are occurring at the same time. PRGT's aim has been, and remains to be, a responsive consultation approach. PRGT has engaged a variety of stakeholders since the proposed Project was initiated, and has adjusted engagement plans (e.g., adding new communities and individual stakeholders to PRGT's engagement plans, changing the format of specific consultation efforts such as hosting community-specific information sessions, communicating routing adjustments to affected stakeholders in a timely manner, etc.), to be responsive to community concerns. PRGT is committed to on-going dialogue with communities throughout the life of the proposed Project. 	<ul style="list-style-type: none"> Appendix C Consultation Materials
Industrial Disturbances		
Resource development in BC needs a coherent plan.	<ul style="list-style-type: none"> PRGT is one of many industrial stakeholders in BC. And while this assessment does not deal explicitly with future resource development planning, PRGT has considered the proposed Project within the context of existing government policy, programs, legislation, and land use initiatives including LRMP's and LUP's. 	<ul style="list-style-type: none"> Section 2 Environmental Assessment Process Section 23 Land and Resource Use
Concerns that the PRGT pipeline may be converted to carry crude oil in the future.	<ul style="list-style-type: none"> The purpose of the proposed Project is to transport natural gas to the Pacific NorthWest (PNW) LNG's export terminal. Field studies, design standards, construction plans and regulatory applications for PRGT will reflect a natural gas pipeline system. There are no plans to convert this line for transporting crude oil. Any change in the purpose of the pipeline would require a new regulatory process. 	<ul style="list-style-type: none"> Section 1 Proposed Project Overview

Table 5-1: Summary of Key Stakeholder Concerns, Responses and Mitigation (cont'd)

Predominant Issues	Response and Mitigation	Relevant Section in the EAC Application
Concerns related to the upstream and downstream components not related to the proposed Project.	<ul style="list-style-type: none"> PRGT, although not involved in the exploration or production of gas resources, acknowledges that stakeholders are interested in the broader context of natural gas development, including development and requirements for upstream activities and LNG terminals that are not part of the proposed Project. In order to facilitate communication with communities on these developments, PRGT provided links to Progress Energy's website regarding upstream development, hydraulic fracturing and LNG development. Where the upstream and downstream projects have a potential interaction with PRGT, potential effects have been considered as part of the cumulative effects assessment, as applicable. 	<ul style="list-style-type: none"> Cumulative effects assessment in several VC sections.
Environmental and Ecological Effects		
Habitat fragmentation and loss of wilderness areas.	<ul style="list-style-type: none"> In route and site selection for the pipeline, PRGT utilized existing disturbed areas, and use of existing linear disturbance (e.g., roads and utility corridors) where feasible to reduce habitat and avoid sensitive areas. PRGT has completed environmental field studies, including wildlife and vegetation. Based on the results of the field studies and consultation, measures will be developed to avoid or mitigate potentially adverse effects. 	<ul style="list-style-type: none"> Section 1 Proposed Project Overview Section 14 Wildlife and Wildlife Habitat
Carbon and greenhouse gas (GHG) emissions.	<ul style="list-style-type: none"> The potential effects of the proposed Project on GHG emissions have been included in the Application. 	<ul style="list-style-type: none"> Section 6 Greenhouse Gases
Air Pollution.	<ul style="list-style-type: none"> The potential effects of the proposed Project on Air Quality have been assessed in the Application. PRGT will implement pollution control technologies at the compressor stations that follow the best achievable technology. 	<ul style="list-style-type: none"> Section 5 Air Quality

Table 5-1: Summary of Key Stakeholder Concerns, Responses and Mitigation (cont'd)

Predominant Issues	Response and Mitigation	Relevant Section in the EAC Application
Protection of rivers and riparian areas. These concerns include turbidity, surface water quality, temperature, withdrawal of water, riparian vegetation cover, and bank stability.	<ul style="list-style-type: none"> The protection of rivers, fish and riparian areas has been a common concern that has been raised across the proposed Project and highlights the importance from environmental, cultural, social and economic perspectives. PRGT has completed field studies to collect baseline data of watercourses to be crossed by the proposed Project, and understands the fish and fish habitat values of these watercourses. PRGT has identified and considered the potential adverse effects on vegetation and plant communities, and identified effective measures to avoid, reduce or mitigate potential adverse effects of the proposed Project. An environmental management plan will be developed to manage potential adverse effects. It will include measures to protect fish and fish habitat and to reduce the potential for erosion and deleterious inputs on watercourses and waterbodies. 	<ul style="list-style-type: none"> Section 9 Hydrology Section 10 Freshwater Aquatic Resources Section 10.6 Freshwater Aquatic Resources: Change in Fish Habitat Section 13 Vegetation and Wetland Resources
Protection of Wetlands.	<ul style="list-style-type: none"> PRGT has identified and considered the potential adverse effects on vegetation and wetland resources and identified effective measures to avoid, reduce or mitigate potential adverse effects of the proposed Project Avoidance of wetlands, where possible was considered in the routing of the pipeline and selection of compressor station locations. An environmental management plan will be developed to manage potential adverse effects. 	<ul style="list-style-type: none"> Section 13 Vegetation and Wetland Resources Section 14 Wildlife and Wildlife Habitat
Damage to sensitive areas, parks, and protected areas. Exploration in protected areas.	<ul style="list-style-type: none"> PRGT has routed its pipeline to avoid, where possible, parks and protected areas. The original conceptual corridor included a number of conservancies. However, once it was deemed feasible for marine construction to take place, consideration of routes through the parks was dropped. There is one Park, the Nisga'a Memorial Lava Bed Park that is within the Project footprint. PRGT has committed to ensuring appropriate Park Use Permits were in place prior to conducting any exploratory work within Parks. For other sensitive areas, avoidance during routing and site selection has been the primary mitigation measure. Through this process, PRGT has eliminated hundreds of potential overlap with sensitive areas, including: <ul style="list-style-type: none"> ecologically and biologically sensitive marine areas, rare or highly productive fish habitats, rare plants, critical wildlife habitats, old-growth management areas, and heritage or paleontological resource areas. 	<ul style="list-style-type: none"> Section 11 Marine Resources Section 26 Assessment of Potential Heritage Effects Section 34.14 Effects on Nisga'a Economic Well-Being

Table 5-1: Summary of Key Stakeholder Concerns, Responses and Mitigation (cont'd)

Predominant Issues	Response and Mitigation	Relevant Section in the EAC Application
Assessments should consider cumulative effects from multiple, concurrent, regional projects.	<ul style="list-style-type: none"> PRGT has conducted cumulative effects assessment for each Valued Component considering past, present, and future projects as identified in the Project Inclusion list in the AIR. 	<ul style="list-style-type: none"> Section 3 Assessment Methods Sections 5 to 29, cumulative effects sub-sections
Concerns about borehole drilling	<ul style="list-style-type: none"> In order to determine technical feasibility of Horizontal Directional Drilling at watercourse crossings, borehole drilling is being conducted at select crossings where HDD is being considered. HDD crossings are assessed as an alternative means of constructing a river crossing, where there are particularly sensitive fish habitats. Potential impacts to fish and fish habitat are included in the Environmental Assessment. A Licence of Occupation is required from the OGC prior to any borehole drilling work being conducted. As part of this permitting, PRGT is conducting the required notifications and consultation. Site specific environmental management plans are developed and implemented. 	<ul style="list-style-type: none"> Section 10 Freshwater Aquatic Resources
Economic and Business Opportunities		
The proposed Project must have fair, transparent, local-first procurement processes, not pre-determined contractors.	<ul style="list-style-type: none"> PRGT has met and continues to meet with local and Aboriginal groups along the Project corridor to establish good working relationships, determine community capacity, explain procurement requirements and explore opportunities for training and local hiring. PRGT will work with contractors to identify and address employment participation barriers for local and regional workers and to increase opportunities to participate on the Project workforce. 	<p>Section 1.6 Project Benefits Section 17 Employment</p>
Landowners should be paid rents as compensation. Landowners are overwhelmed and out-negotiated in this regard.	<ul style="list-style-type: none"> PRGT will negotiate an easement agreement with landowners. Compensation is negotiated with consideration of many factors, including, but not limited to market value, land use and other site specific considerations. An amount for legal review of the easement document will also be included. The practise of providing up-front lump sum payments for right-of-way easements prevails across North America, and provides fair compensation to landowners for losses during construction and any subsequent inconvenience. For easements, landowners retain ownership of the land and the freedom to make use of the land. 	<ul style="list-style-type: none"> Appendix C Consultation Materials
The proposed Project must bolster and support local employment business opportunities through "local-first" policies.	<ul style="list-style-type: none"> PRGT will work with contractors to identify and address employment participation barriers for local and regional workers and to increase opportunities to participate on the Project workforce. 	<ul style="list-style-type: none"> Section 17 Employment

Table 5-1: Summary of Key Stakeholder Concerns, Responses and Mitigation (cont'd)

Predominant Issues	Response and Mitigation	Relevant Section in the EAC Application
Compensation for loss of land access and recreation.	<ul style="list-style-type: none"> PRGT recognizes that there may be localized, short term interruptions to recreational use due to Project construction. To minimize inconvenience, PRGT is committed to notifying communities of construction activities and scheduling, to allow citizens to utilize other areas at the time of construction." 	<ul style="list-style-type: none"> Section 23 Land and Resource
Property taxes from the pipeline should be shared to support local services.	<ul style="list-style-type: none"> Once operational, the pipeline is expected to generate an estimated \$25 million in annual property tax payments to the BC government. The BC government will distribute funds in accordance with provincial policies. 	<ul style="list-style-type: none"> Section 1.6 Project Benefits
Industrial Accidents and Safety		
Gas leaks and dangerous pipeline operating pressures.	<ul style="list-style-type: none"> The pipeline and facilities will be designed, operated and maintained to ensure public safety and efficient operations. PRGT will have an extensive pipeline maintenance program to monitor, inspect and repair pipeline facilities. In the unlikely event of an emergency, PRGT will have an Emergency Response Plan (ERP). 	<ul style="list-style-type: none"> Section 31 Accidents and Malfunctions
Risks of fire from lightning strikes and from forest fires.	<ul style="list-style-type: none"> PRGT acknowledges the importance of addressing the potential effects of the environment on the proposed Project. This application describes a combination of environmental factors that may have an effect on the proposed Project and the effects of severe storm events and forest fires. Given that the pipeline is buried, and that there is a buffer between compressor stations and nearby forests, there is minimal risk related to a forest fire or lightning strike. In the event of an emergency, PRGT will have a comprehensive Fire Suppression Contingency Plan in place during construction and an Emergency Response Plan for operations. 	<ul style="list-style-type: none"> Section 31.0 Accidents and Malfunctions Section 32 Effects of the Environment on the Project
Wildlife		
Concerns over declining ungulate populations, most notably caribou and moose. Prominent concerns over further effects on caribou.	<ul style="list-style-type: none"> PRGT has completed environmental field studies, including studies on species at risk. Based on the results of the field studies and consultation, and the assessment of potential effects, measures will be developed to avoid or mitigate potentially adverse effects. For example, PRGT routed the pipeline to minimize potential effects to caribou habitat. A Caribou Habitat Restoration Plan will be developed with the appropriate regulatory agencies and stakeholders will be consulted. PRGT will schedule clearing and construction activities to avoid relevant ungulate winter ranges, in accordance with provincial best practices. An Access Management Plan will be developed in consultation with stakeholders as Project planning proceeds. 	<ul style="list-style-type: none"> Section 14 Wildlife and Wildlife Habitat

Table 5-1: Summary of Key Stakeholder Concerns, Responses and Mitigation (cont'd)

Predominant Issues	Response and Mitigation	Relevant Section in the EAC Application
Fisheries		
Concerns over damage to fish habitat and spawning areas as well as injury and displacement of fish.	<ul style="list-style-type: none"> The protection of rivers, fish and riparian areas has been a common concern that has been raised across the proposed Project and highlights the importance from environmental, cultural, social and economic perspectives. PRGT has completed field studies to collect baseline data of watercourses to be crossed by the proposed Project, and understand the fish and fish habitat values of these watercourses. An environmental management plan will be developed to manage potential adverse effects. It will include measures to protect fish and fish habitat and to reduce the potential for erosion and deleterious inputs on watercourses and waterbodies. 	<ul style="list-style-type: none"> Section 9 Hydrology Section 10 Freshwater Aquatic Resources Section 11 Marine Resources Section 14 Wildlife and Wildlife Habitat
Recreation and Land use		
Disruption to Baldy Mountain and Manson Creek for snowmobiling.	<ul style="list-style-type: none"> A corridor alternative was adopted in September 2013 that is at least 75 km away from Manson Creek and Baldy Mountain. 	<ul style="list-style-type: none"> Appendix C Consultation Materials
Unclear if the pipeline footprint (operations) will permit recreation access. It may also create new access pressures.	<ul style="list-style-type: none"> PRGT recognizes that there are often different interests with respect to access. Some stakeholders appreciate the value of new access, while others are concerned about increased pressures to resources as a result of increased access. An Access Management Plan will be developed in consultation with stakeholders as Project planning proceeds. 	<ul style="list-style-type: none"> Section 1 Proposed Project Overview Section 23 Land and Resource Use
Disruptions and degradation of hunting and trapping along the pipeline route.	<ul style="list-style-type: none"> PRGT recognizes that there may be short term impacts to hunting and fishing during pipeline construction. PRGT will continue to communicate with stakeholders to increase awareness of Project activities and schedules to limit potential conflicts. Trappers will be notified in advance of activities. If they require any access during construction, appropriate measures will be developed. 	<ul style="list-style-type: none"> Section 14 Wildlife and Wildlife Habitat Section 23 Land and Resource Use
Wild mushrooms are an important local harvest; the proposed Project could affect their growth and access to them.	<ul style="list-style-type: none"> PRGT recognizes that access to certain areas will be restricted during construction. PRGT will notify communities of construction activities and timing to allow for harvesting of mushrooms prior to construction. 	<ul style="list-style-type: none"> Section 13 Vegetation and Wetland Resources
Community and Social Concerns		
TransCanada should help improve local infrastructure, like roads and communications.	<ul style="list-style-type: none"> The proposed Project continuously relays the information it learns from the community about infrastructure related concerns to the provincial government. 	<ul style="list-style-type: none"> Section 21 Transportation

Table 5-1: Summary of Key Stakeholder Concerns, Responses and Mitigation (cont'd)

Predominant Issues	Response and Mitigation	Relevant Section in the EAC Application
Housing for PRGT staff should be permanent and left as a legacy to local communities.	<ul style="list-style-type: none"> Given the short term and linear nature of the proposed Project, there are no plans currently to develop permanent housing. Construction will be temporary and occur in multiple locations throughout the construction period. In order to reduce transportation and logistics, PRGT will house construction workers in several temporary locations along the pipeline route. However, some assets from construction camps will be made available to communities after construction. 	<ul style="list-style-type: none"> Section 20 Community Infrastructure and Services
The influx of workers will strain local infrastructure, facilities, and community services.	<ul style="list-style-type: none"> PRGT has assessed potential effects of the proposed Project on community infrastructure and services and will continue to work with local governments and communities to ensure that appropriate services are in place to support construction of the proposed Project and address potential increase in demand on local services. 	<ul style="list-style-type: none"> Section 20 Community Infrastructure and Services
Concerns about incursions into private property.	<ul style="list-style-type: none"> PRGT will continue to engage landowners on the pipeline route and any changes that are made. Notification will be made to all private landowners prior to any activities occurring on their land. 	<ul style="list-style-type: none"> Appendix C Consultation Materials
Concern about pipeline routing	<ul style="list-style-type: none"> PRGT made significant adjustments to its proposed route based on input from various local governments and affected stakeholders. PRGT will continue to work with stakeholders on route refinements. Discussions have taken place in the following communities: District of Hudson's Hope, District of Mackenzie, Kispiox Valley, Irene Meadows, New Aiyansh and Middle River. 	<ul style="list-style-type: none"> Appendix C Consultation Materials

6.0 FUTURE ENGAGEMENT ACTIVITIES (PROPOSED FOR 2014)

The primary objectives of the PRGT consultation program during the regulatory review process include:

- continuing to communicate with stakeholders, including status of the Project updates and the EAC Application
- addressing questions or concerns regarding the proposed Project and the EAC Application

Activities include:

- notifying stakeholders of the public comment period and open houses related to the proposed Project's EAC Application
- responding to questions and concerns related to the EAC Application
- continuing to engage stakeholders, including local government elected officials/staff, landowners, Crown tenure holders (e.g., guides and outfitters), land/water/marine users (e.g., commercial fishermen, tour operators, recreational land users), etc. Examples include:

- local governments – discussions on construction plans including provisions for services and infrastructure, coordinating emergency response plans, etc.
- landowners - acquire the Project right-of-way (ROW)
- continuing discussions with local post-secondary institutions and other regional organizations to develop partnerships focused on the development of local skills and capacity to enhance local opportunities
- continuing to partner with local governments and community organizations on community investment initiatives, focusing in the areas of community (e.g., education and health, civic), safety and the environment
- continuing to provide timely, detailed responses to comments and questions submitted through the PRGT toll-free phone line and email account
- continuing updating Project website and consultation materials as new information becomes available

Application for an Environmental Assessment Certificate

Appendix C-2 Public Materials (including Open Houses)

TransCanada – A Leading North American Energy Infrastructure Company



Prince Rupert
Gas Transmission Project

A Leading North American Energy Infrastructure Company

Building and operating safe and reliable energy infrastructure – it is what we do and we do it well. Millions of people across North America rely on the energy we deliver every day, to heat their homes, cook their food and fuel their vehicles. We have done this successfully and responsibly for six decades. With more than \$48 billion worth of blue chip assets that are essential to North Americans, we are well positioned to continue to meet the continent's growing energy needs for decades to come.

We operate one of the largest natural gas transmission networks in North America – 68,500 kilometres (km) tapping into virtually every major gas supply basin in North America. TransCanada is one of the continent's largest providers of natural gas storage and related services with more than 400 billion cubic feet (Bcf) of storage capacity. Through our energy business, we own or have interests in approximately 11,800 megawatts (MW) of power generation in Canada and the United States. The 3,467-km Keystone Oil Pipeline, along with the Gulf Coast Pipeline project and proposed Keystone XL project meet the need for long-term North American energy security.

Our success is related directly to the way we uphold our responsibilities to our shareholders, our stakeholders and the wider community in which we operate. Ours is a business based on solid principles and sound governance, supported by dedicated employees, and respected by our industry peers. TransCanada has always been, and intends to remain, a company that can be relied on.

Our Team

TransCanada's success is a reflection of our exceptional team of over 5,000 committed and motivated employees who bring skill, experience, energy and knowledge to the work that they do. Our employees truly are our competitive advantage.

Investing in Communities

At TransCanada, we believe in making a positive difference in the lives of others through investing in our communities, with one goal in mind: creating a brighter future. Through investments in the communities where we live and work, we are forging meaningful partnerships that serve as community assets in empowering individuals and building strong communities.

TransCanada demonstrates our commitment to be a good neighbour, a strategic community partner and an employer of choice. Our commitment to building strong communities and strong relationships with community members also serves as a sound business management practice, helping to maximize our competitive strength and enduring value.

In 2012, we distributed more than \$11 million in financial and in-kind donations in communities across North America. Our community investment program helps build healthy, safe and vibrant communities.

Environment

At TransCanada, we recognize the importance of stewardship of the environment. This attitude is part of everything we do.

As owner of major natural gas and oil transmission systems in North America, and as a generator of significant electrical capacity, TransCanada strives to minimize environmental impacts while ensuring we uphold our responsibility to strategically meet the energy demands of the continent. Ours is a broad, preventative vision of environmental stewardship.

For the 12th year in a row TransCanada was named to the World Dow Jones Sustainability Index, a global index that tracks the performance of the leading sustainability-driven companies.

Safety and Integrity

TransCanada's public safety and pipeline integrity programs are designed to ensure public safety and to meet or exceed industry best practices and regulatory requirements. The health and safety of the public, our employees and our contractors is paramount. At TransCanada, we seek to anticipate and minimize hazards of every description in the field and in the office. From design and construction to operation and maintenance, safety is an integral part of everything we do.



Pipelines

Natural Gas Transmission

We operate one of North America's largest natural gas pipeline networks - 68,500 km transporting approximately 20 per cent of North America's daily natural gas needs.

Operating one of the most sophisticated natural gas pipeline systems in the world, we provide storage, transportation and various capacity-related services to a variety of customers across Canada and to markets in the U.S. We're focused on optimizing our pipeline network by connecting new supply, providing better access to markets and introducing competitive and innovative approaches to meeting customers' needs.

We're committed to operational excellence, focused on providing low-cost competitive services and being a reliable and safe operator. Our operational efficiency and cost-effectiveness measures place us in the top quartile of the North American industry.

Our Capabilities

TransCanada's credentials and track record in the construction and operation of large-diameter pipe in extreme climates and virtually all types of terrain are unequalled in North America. We are the leading operator of large gas turbine compressor stations and expert in remote facility control. Our employees are highly skilled in designing, building and operating complex infrastructure and take pride in delivering major projects on time and on budget. TransCanada has a proven track record in the prudent use of new and leading edge technologies to achieve excellence in pipeline construction and operations.

Financial Highlights TSX, NYSE: TRP

Year Ending December 31, 2012 (All financial figures are unaudited and in Canadian dollars unless noted otherwise)

- Total assets: \$48.3 billion
 - Funds generated from operations of \$3.3 billion
 - Net income for 2012 of \$1.30 billion or \$1.84 per share
 - Dividends declared of \$1.76 per common share
-

Quick Facts About TransCanada

Pipeline Assets

Natural Gas Pipelines

- 57,000 km of wholly owned natural gas pipeline
- Interests in an additional 11,500 km of natural gas pipeline
- Average daily volume of approximately 14 Billion cubic feet per day (Bcf)
- 250 Bcf of regulated natural gas storage capacity

Oil Pipelines

- Keystone Oil Pipeline: 3,467 km, 591,000 barrels per day

Energy Assets

- 21 power plants
- Approximately 11,800 MW - owned, controlled or in development
- 156 Bcf of unregulated natural gas storage capacity

Today's TransCanada

TransCanada is a leader in the responsible development and reliable operation of North American energy infrastructure. Our 68,500-kilometre pipeline network taps into virtually every major supply basin in North America. We are developing one of North America's largest oil delivery systems. As an independent power producer, we own or have interests in approximately 11,800 megawatts of power generation in Canada and the United States. We are also one of North America's largest providers of natural gas storage capacity.

TransCanada's Vision

TransCanada will be the leading energy infrastructure company in North America, with a strong focus on pipelines and power generation opportunities located in regions where we have or can develop significant competitive advantage.

Contact Us

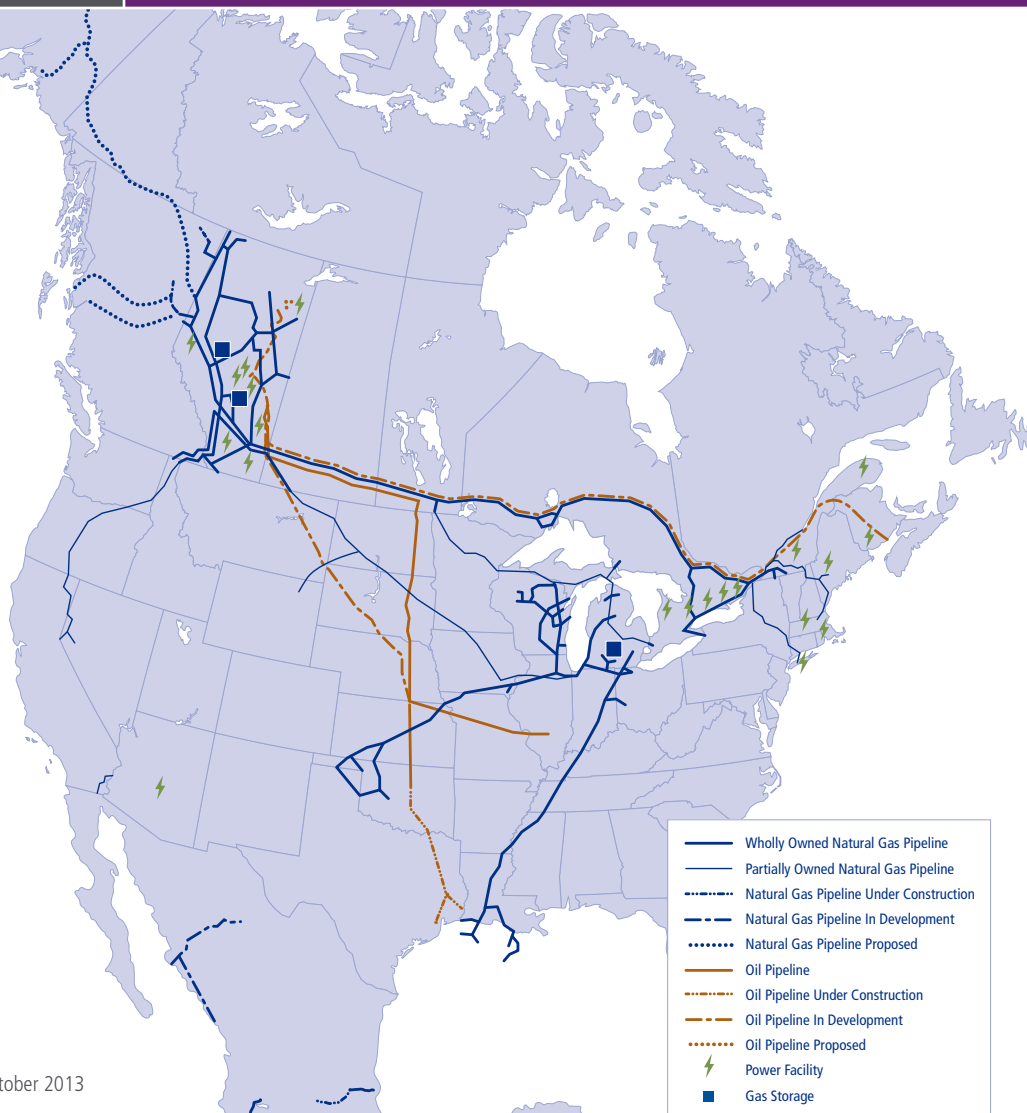
We invite you to contact us with any questions you have regarding this proposed project:

Prince Rupert Gas Transmission Project

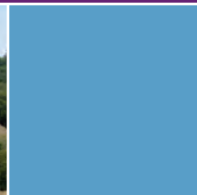
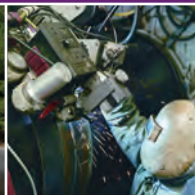
Phone: 1.855.253.0099 (Toll-free)

Email: princerupertgas@transcanada.com

www.princerupertgas.com



Natural Gas Pipelines – An Overview



Stages of Pipeline Construction

1. Clearing and Grading

Topsoil is stripped and the ground (or grade) prepared along the right-of-way. Topsoil is stored so it can be replaced following construction.

2. Trenching

Construction crews dig the trench for the pipe, storing the soil to fill the trench after the pipe is laid.

3. Stringing/Bending

Pipeline crews line up sections of the pipe along the edge of the trench. A machine bends the pipe so that it follows the pipeline route and the contour of the land.

4. Welding/Coating

Welders join the pipe segments together. Pipeline joints are coated with an anti-corrosion material and then inspected. Extreme care is used to properly weld the pieces together. Each seam is examined through a non-destructive inspection process.

5. Lowering in and tie-ins

Following a careful inspection, specially designed cranes are used to lower the sections of welded pipe into the trench. A separate crew completes the final welds (tie-ins) connecting continuous lengths of pipeline that have been lowered into the trench.

6. Backfilling

The stored subsoil is returned to the trench to bury the pipeline.

7. Pressure-testing

The pipeline is filled with water and pressurized up to a level that exceeds the operating pressure of the line to ensure that the pipeline is ready to transition safely to operation.

8. Cleanup/Reclamation

Once testing is complete, final techniques are employed to stabilize the right-of-way, return the ground surface to its original contours for drainage patterns, replace topsoil, and allow for the re-establishment of appropriate vegetation. The goal is to bring the land as close to the original state as possible.



What is Natural Gas?

- The cleanest-burning fossil fuel, often found in underground rock formations deep below the earth's surface.
- A naturally occurring gas mixture consisting primarily of methane, but may also contain other valuable products such as propane and butane.
- Natural gas should not be mistaken with gasoline – a liquid made from refining crude oil and commonly used to fuel vehicles.

What is LNG?

- Liquefied natural gas (LNG) is natural gas that has been converted to a liquid form for storage or transportation.
- LNG takes up approximately 1/600th the volume of natural gas in its gaseous state. It is condensed to a liquid by cooling it to approximately -162 degrees Celsius. It is transported on specially designed LNG carrier ships, and then regasified following transportation.

What is Natural Gas Used For?

- Natural gas is used for a wide variety of purposes, most commonly as a fuel source for power generation, home heating and transportation.
- We use natural gas to heat our homes, hospitals and businesses, and cook our food.
- Industry uses natural gas to fuel electric generators and fire steam boilers.
- It is also used in some manufacturing processes.



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Natural Gas Pipelines

Pipelines are the safest method to transport natural gas across considerable distances. TransCanada's pipelines are designed, built and operated to ensure the safety and protection of the local communities and the environment. We work to meet or exceed industry, government and regulatory standards to ensure public safety.

No pipeline construction work will begin until final regulatory approvals have been received and easement agreements granting us access to the land have been acquired from landowners.

Pipelines are built within a right-of-way, which are permanent corridors of land designated for the safe construction and ongoing operation of the natural gas pipeline. The size of these easements will vary depending on the pipeline size, terrain and ground conditions. During construction, temporary work space is required for the safe operation of equipment. Additional temporary work space will be required at certain highway, railway and existing pipeline corridors, watercourse crossings and at other site specific locations, to accommodate pipeline crossing construction activities.

Design:

- Top quality steel and industry-leading welding techniques.
- Higher design safety factor when crossing roads, railway tracks, water bodies or near communities.
- Design meets or exceeds all federal and provincial regulations and standards.

Construction:

- Welds checked by ultrasonic inspection and/or x-ray.
- Pipelines coated to protect against corrosion.
- Pressure-testing pipe by filling with water and pressurized higher than maximum operating pressure to ensure the pipeline is sealed and ready for operation.

Maintenance:

- The pipeline system is monitored 24 hours a day by highly trained staff from a state-of-the-art control centre.
- Compressor stations, located along the pipeline, push the natural gas through the pipe. Like our pipelines, compressor stations are monitored 24/7 from our operations centre.
- "Smart pigs" – sophisticated inspection devices that record information about the internal conditions of the pipelines – are utilized as part of the ongoing operations of the pipeline.
- In the unlikely event of an incident, TransCanada has a comprehensive Emergency Response Program designed to work with local emergency services and protect the public and environment.
- Our Emergency Management System is tested regularly through annual exercises and we encourage community involvement from local emergency responders during field exercises.



During Construction



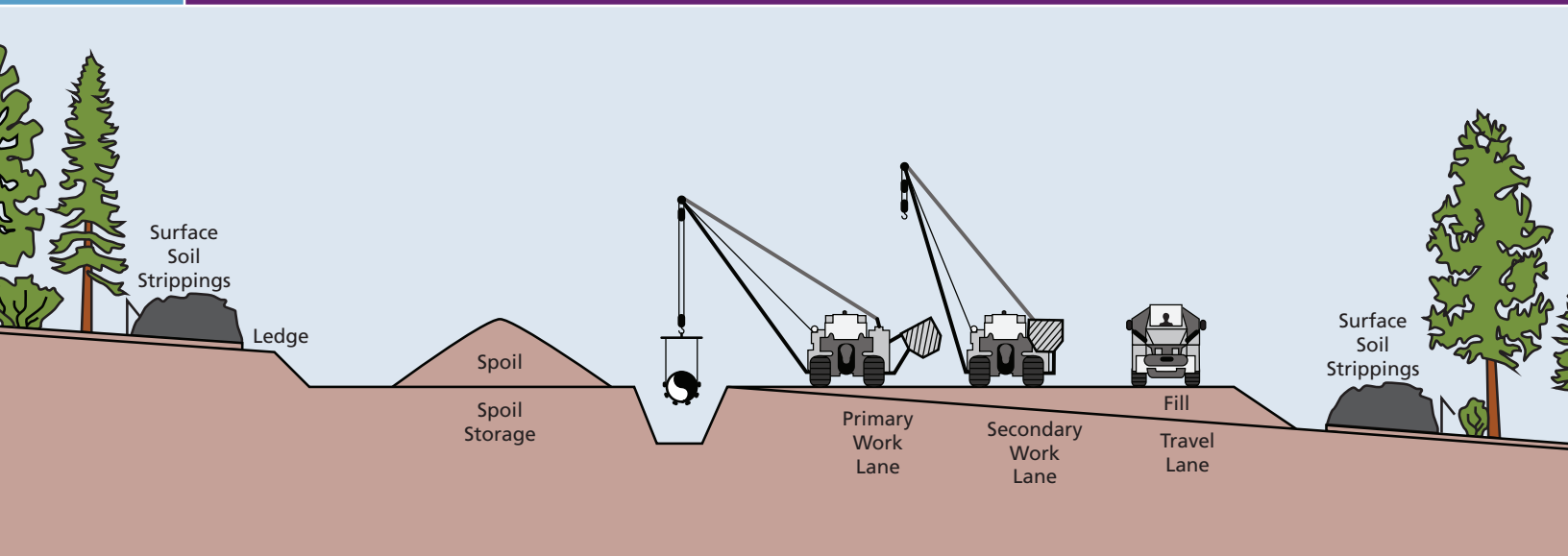
After Construction



Above: Pipeline Rights-of-way Reclamation:

TransCanada considers reclamation to be a critical part of project execution. Clean-up begins immediately following construction to restore the pipeline right-of-way to equivalent land capabilities, including vegetation and drainage.

Below: Typical Pipeline Construction Activities



Contact Us

We invite you to contact us with any questions you have regarding this proposed project:

Prince Rupert Gas Transmission Project

Phone: 1.855.253.0099 (Toll-free)

Email: princerupertgas@transcanada.com

www.princerupertgas.com

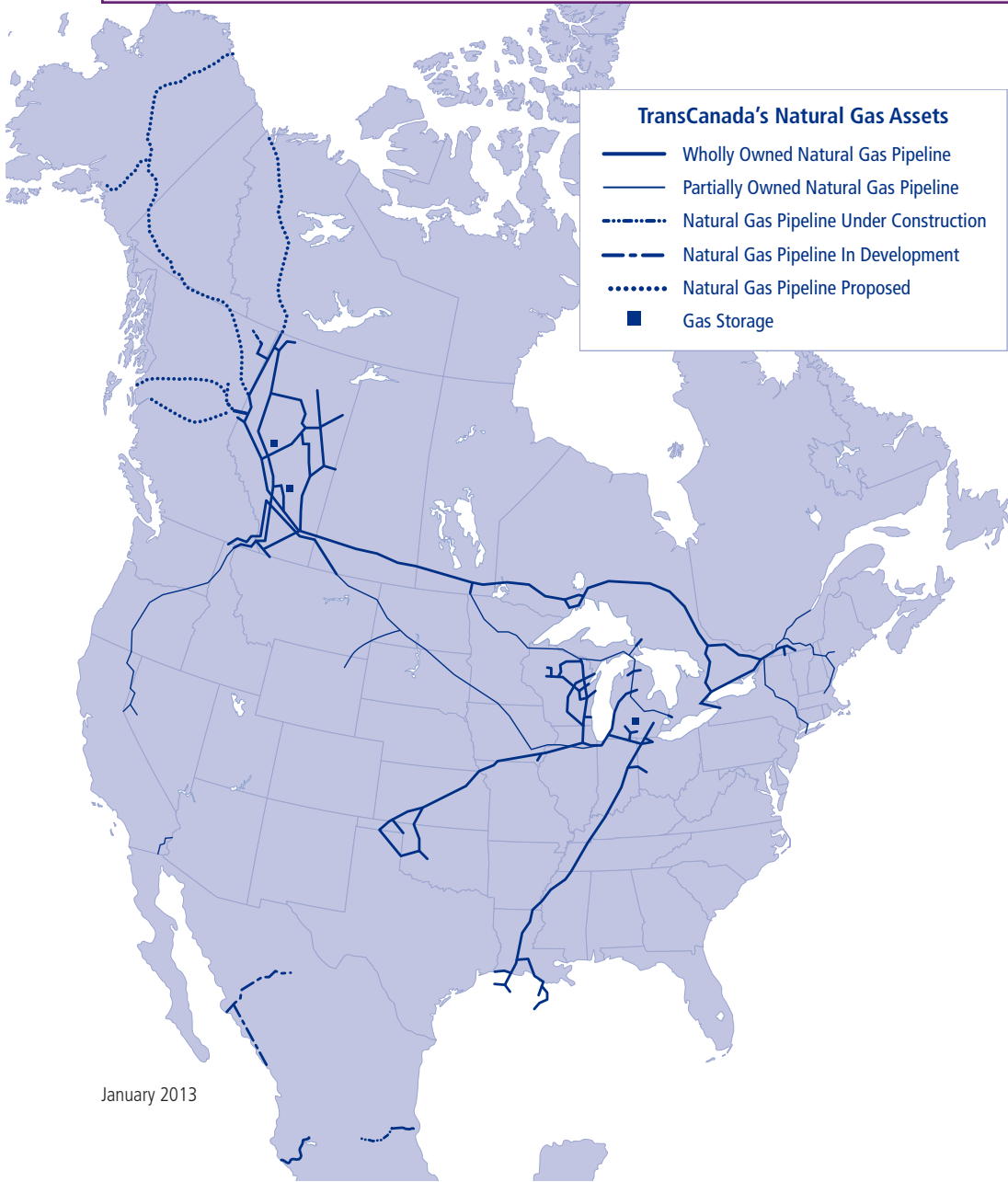
Prince Rupert Gas Transmission Project Overview

TransCanada – A leading North American energy infrastructure company

We are a Canadian company, with over 60 years experience building and operating pipelines throughout North America. We are an industry leader in safety and reliability. TransCanada has been operating in B.C. for more than 50 years.

We believe in making a positive difference in the lives of others through investing in our communities. TransCanada demonstrates our commitment to being a good neighbour, a strategic community partner and an employer of choice. In 2011, we distributed more than C\$9.6 million in financial and in-kind donations in communities across North America.

- We operate one of North America’s largest natural gas pipeline networks – 68,500 kilometres – tapping into virtually every major natural gas supply basin on the continent. We deliver 20 per cent of the natural gas consumed in North America each and every day.
- We own or have interest in approximately 11,800 megawatts of power generation in Canada and the U.S. – enough energy to power 12 million homes.
- Our facilities and operations span 3 countries, 7 provinces, 33 U.S. states and almost 260 locations across the continent.
- We employ more than 4,600 people (2,885 in Canada) in 50 professions, trades and fields.



Contact Prince Rupert Gas Transmission

We invite you to contact us with any questions regarding the proposed project:

Phone: 1.855.253.0099 (Toll-free)

Email: princerupertgas@transcanada.com

Website: www.princerupertgas.com

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Suite 1300, 10504 - 100 Ave
Fort St. John, B.C. V1J 1Z2

Suite 102, 135 – 10 Avenue S
Cranbrook, B.C. V1C 2N1

Opening Spring 2013
Prince George, B.C.

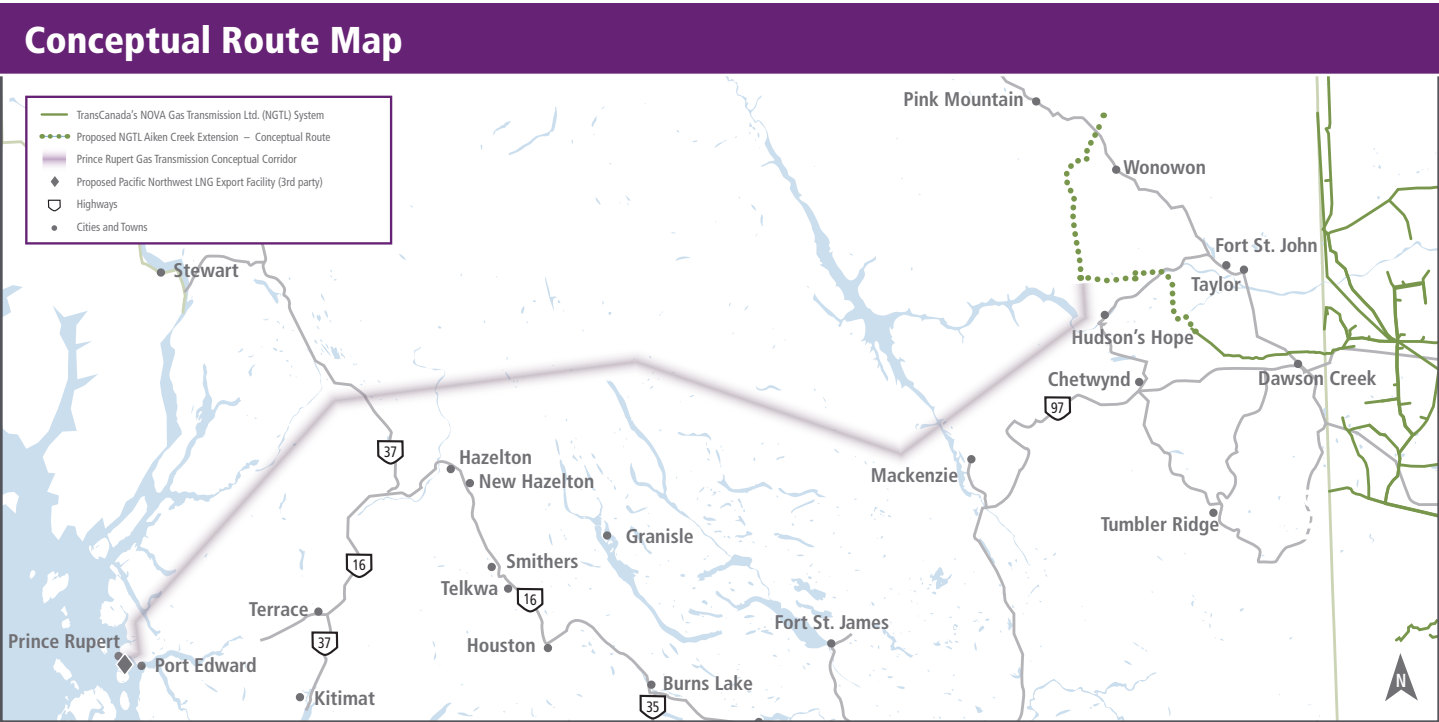
450 – 1 Street SW
Calgary, AB T2P 5H1



Prince Rupert Gas Transmission Project Overview

Prince Rupert
Gas Transmission Project

Prince Rupert Gas Transmission Project Overview



TransCanada was selected by Progress Energy Canada Ltd. (Progress), being the successor by amalgamation of PETRONAS Carigali Canada Ltd. and Progress Energy Resources Corp., to design, build, own and operate the proposed Prince Rupert Gas Transmission Project - an approximately 750 kilometre provincially regulated pipeline to safely deliver natural gas from the Fort St. John area of British Columbia to the recently-announced Pacific Northwest LNG export facility near Prince Rupert, B.C.

Conceptual Route

The conceptual route is based on a preliminary assessment of terrain, environment, social aspects and constructability. It is early in the project planning process, so a specific route has not yet been selected. Before a route can be defined, Prince Rupert Gas Transmission will engage with Aboriginal and local communities near the conceptual route. As well, Prince Rupert Gas Transmission will undertake extensive engineering and environmental programs including traditional ecological knowledge gathering and traditional land use studies. We will share information, gather input and incorporate feedback into our decision making and route refinement process.

The final route will be determined by considering Aboriginal, landowner and stakeholder input, the environment, archaeological and cultural values, land use compatibility, safety, constructability and economics.

Project Timeline

Aboriginal Engagement – Prince Rupert Gas Transmission began engaging with Aboriginal communities in January 2013, and will continue to do so throughout the life-cycle of the project.

Community Engagement – We began engaging with local governments, landowners and key stakeholders in January 2013, and will continue throughout the life-cycle of the project.

Environmental Field Studies – We will begin environmental field studies as soon as practical in 2013.

Regulatory Applications – A Project Description will be filed with the BC Environmental Assessment Office and the Canadian Environmental Assessment Agency in early 2013. An Environmental Assessment Application will be filed in early 2014.

Construction and Operation – Pending all required regulatory and project approvals, construction of the proposed pipeline is expected to begin in 2015 with pipeline operations beginning in time to meet the targeted in-service requirements of the proposed Pacific Northwest LNG export facility by end of 2018.



Safety of Our Pipelines

TransCanada is committed to building and operating our natural gas pipelines safely - from design and construction, to operations and maintenance. Safety is an integral part of everything we do.

TransCanada uses top quality steel and welding techniques in all of its projects. We use highly skilled workers with the latest training and expertise. We take additional safety precautions where pipelines cross roads and waterways. During construction, all welds are checked by an x-ray or ultrasound process to ensure the welds are sound. To protect against corrosion, the external surface of the pipeline is coated.

Before the pipeline is put into service, the integrity of the pipeline is tested using water under pressure that is beyond the pipeline's maximum operating pressure. After the pipeline testing is complete, the water is appropriately treated, tested, and typically discharged into the same drainage basin.

TransCanada monitors its pipelines 24 hours a day from a state-of-the-art Gas Control Centre. From there, highly trained personnel are able to detect changes in pressure along our pipeline and ensure all facilities are operating properly. In the unlikely event of an emergency, our comprehensive Emergency Response Program will be activated.

We train our staff to know exactly what to do in the event of an emergency, both during construction and ongoing operations. We collaborate and work with area emergency responders to ensure a coordinated response in the event of an incident.

What to Expect During and After Construction

The proposed project will involve the construction of above-ground compressor stations and meter stations as well as the buried pipeline itself. Compression facilities will be determined when the gas volumes are known.

During construction, there will be an increase in traffic flow in and around the project area. Prince Rupert Gas Transmission will make efforts to minimize the increase in traffic by locating construction camp sites close to the project. There will be heavy equipment on site for use during earth moving, excavation material hauling, welding and testing activities. Equipment may include bulldozers, backhoes, graders, wheel ditchers, sidebooms, trucks, and generators. After the facilities have been built, there will be occasional traffic related to ongoing operations and maintenance.

The project's Environmental Protection Plan (EPP) will be developed to ensure potential effects are identified and managed.

Once construction has been completed, the land surface will be reclaimed. Measures will be taken to prevent topsoil/surface material loss from wind and water erosion, and to establish a vegetative cover that is compatible with surrounding vegetation and land use.

Landowners will have the right to fully use and enjoy the right-of-way without having to notify TransCanada as long as the operation or integrity of the pipeline is not compromised. This includes normal agricultural practices such as plowing, fertilizing, disking, harrowing, cultivating, seeding, and planting to a depth of less than 30 centimetres (12 inches), spraying, tilling, baling, rolling and harvesting.

Prince Rupert Gas Transmission Project Overview



Environmental Protection and the Regulatory Process

As part of our regulatory application, Prince Rupert Gas Transmission will collect and analyze site-specific environmental information along the route to better understand the potential environmental effects of the project and to develop an Environmental Assessment (EA). An Environmental Protection Plan (EPP) will also be developed to identify specific measures to mitigate any potential effects that may occur during or after construction.

Prince Rupert Gas Transmission is committed to identifying and conserving important natural and cultural features in the proposed project corridor. We will collect data through environmental field studies, including assessments of heritage resources, vegetation, wetlands, soils, wildlife, fish and fish habitat. These studies will be conducted in collaboration with local Aboriginal communities. We hope to engage Aboriginal communities in field studies as part of our traditional ecological knowledge gathering and traditional land use studies.

To construct and operate the Prince Rupert Gas Transmission Project, we will require approvals from the BC Environmental Assessment Office and the BC Oil and Gas Commission. The project will also be reviewed by the Canadian Environmental Assessment Agency. Prince Rupert Gas Transmission expects it will file its application with the BC Environmental Assessment Office and the Canadian Environmental Assessment Agency in early 2014.

What is Natural Gas and LNG?

Natural gas is a naturally occurring gas mixture consisting primarily of methane with up to a 20 per cent mixture of other gases comprised entirely of hydrogen and carbon. Natural gas is found in deep underground rock formations. Natural gas is used for a wide variety of uses, most notably as an environmentally attractive fuel source for power generation, home heating and transportation.

Liquefied natural gas (LNG) is natural gas that has been converted to a liquid form for storage or transportation. LNG takes up approximately 1/600th the volume of natural gas in its gaseous state. It is condensed to a liquid by cooling it to approximately -162 degrees Celsius. It is transported on specially-designed LNG carrier ships, and then regasified following transportation.

For information on the Pacific Northwest LNG project, please visit <http://pacificnorthwestlng.com>

Why is the Prince Rupert Gas Transmission Project needed?

B.C. has an abundance of natural gas resources. Finding new global markets for B.C. natural gas will ensure continued economic opportunity for the province and its northern communities.

Prince Rupert is an ideal deep-water port for the export of liquefied natural gas to global markets. Accessing that port requires the construction of a new pipeline to transport the natural gas from northeast B.C.

New natural gas pipelines such as the proposed Prince Rupert Gas Transmission Project will provide the transportation capacity needed to support continued natural gas development activities in northeast B.C. This creates jobs in the upstream exploration and production sector and generates significant royalty revenue for the provincial government, which helps to pay for public services like health care, education and infrastructure.

Community Benefits

Prince Rupert Gas Transmission will offer significant economic benefits and strengthen the economy on a local, provincial and national level. It will provide well-paying and high-quality jobs to B.C. residents and millions of dollars in annual taxes to local governments.

High-quality Jobs – Construction will require the services of equipment operators, welders, mechanics, truck drivers, labourers and more. There will be permanent employment opportunities.

Business Opportunities – Pipeline construction will create significant demand for local goods and services, including food and accommodation, hardware, industrial parts, automotive parts and servicing, fuel and more.

Annual Revenue to Support Local Services – When the pipeline is operational, approximately \$22 million in annual tax payments will help support school and hospital districts, emergency services, recreation facilities, recycling programs and other local programs vital to sustaining communities.

Investments in Local Communities – Through our engagement with local communities, we will identify areas where we can help build stronger, more vibrant communities through initiatives such as job training and community partnerships in the areas of wellness, education and environment.

Building Stronger Communities - Our Words in Action

Examples of direct community benefits realized from TransCanada’s existing pipeline projects in northeast B.C:	Groundbirch Mainline (77 km pipeline; became operational Dec 2010)	Horn River Mainline Cabin Section (72 km pipeline; became operational April 2012)
Head count during construction*	200 people (average)	750 people (peak)
Local Spend <ul style="list-style-type: none">Contracting with local businesses (clearing, security, paramedical, environment and work force)Local goods and services purchased (food, lodgings, equipment rentals, trucking, supplies and consumables)	\$10.5M	\$19.3M
Estimated property taxes paid (revenue to support and enhance local programs)	2011 - \$100K 2012 - \$1.04M	2013 - \$1.5M
* TransCanada awards contracts to qualified pipeline construction contractors through a competitive bid process, and works with them to provide employment opportunities for local residents and local subcontractors.		

In addition, we are proud of the local partnerships we have formed in northeast and southeast B.C. where we currently operate, and have already invested more than \$850,000 over the past five years in positive initiatives to build stronger communities.

Prince Rupert Gas Transmission Project Overview



Community and Landowner Engagement

Our core values of integrity, collaboration, responsibility and innovation are at the heart of our commitment to engagement, guiding our interactions with communities, landowners, and stakeholders.

TransCanada is proud of the relationships we have built with landowners and communities near our proposed projects and existing facilities.

The conceptual route for the Prince Rupert Gas Transmission Project traverses the Peace River Regional District, Regional District of Fraser-Fort George, Regional District of Bulkley-Nechako, Regional District of Kitimat-Stikine, and the Skeena-Queen Charlotte Regional District. We will be engaging with interested stakeholders near the conceptual route through various forms of communications including information sessions, meetings or personal visits, phone calls and emails, brochures and information packages, ads in local newspapers, our project website and more. When possible, our preference is to meet in person with those interested in the project.

We believe engagement is a two-way process and invite communities, landowners, and other interested stakeholders to share their questions and concerns with us so that we can provide information, follow up on concerns, and where possible, incorporate input into our project plans. We document the entire stakeholder engagement process, including the issues raised by stakeholders and the ways we intend to address those issues.

We encourage input and invite interested stakeholders to contact us by phone or email with any questions.

- princerupertgas@transcanada.com
- 1.855.253.0099 (Toll-free)



Aboriginal Engagement

TransCanada and Prince Rupert Gas Transmission are committed to building and maintaining positive relationships with Aboriginal communities. We believe by developing positive relationships with the Aboriginal communities whose lives and traditional activities may be affected by our projects, we can achieve our respective and shared business and community interests.

Prince Rupert Gas Transmission is dedicated to an open and transparent engagement process for this project so Aboriginal communities are informed and have opportunities to provide input into the proposed pipeline project.

Prince Rupert Gas Transmission respects the legal and constitutional rights of Aboriginal people and recognizes that its relationship with Aboriginal people is separate and different from that between Aboriginal peoples and the Crown. We respect the diversity of Aboriginal cultures, recognize the importance of the land and cultivate relationships based on trust and respect.

It is anticipated the conceptual route of the proposed pipeline project will be of interest to approximately 20 First Nations in B.C. and a number of Métis communities. Prince Rupert Gas Transmission will engage with each First Nation and Métis community to hear their interest in the project and identify the effects our activities may have on the communities’ values.

Prince Rupert Gas Transmission understands First Nations should be involved at the early planning stage of proposed projects and they may require capacity funding to meaningfully participate in project review and development. Moreover, we will work with First Nations to ensure their traditional land use and traditional ecological knowledge is incorporated into planning, routing and operational decisions. We will also engage with Métis communities and organizations to better understand their local knowledge and uses of land and resources.

Prince Rupert Gas Transmission will strive to create short and long term employment opportunities for Aboriginal people and has an Aboriginal contracting and employment program. We also support learning opportunities for Aboriginal people to provide a well-trained source of Aboriginal employees and to build capacity within the communities.