

SECTION 13.0
CONSULTATION AND
ENGAGEMENT PROGRAMS



**GOLDBORO
LNG**

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13.0 CONSULTATION AND ENGAGEMENT PROGRAMS

13.1 Public Stakeholder and Agency Consultation

13.1.1 Consultation Strategy and Objectives

Pieridae has implemented a public consultation program that effectively engages with stakeholders and fulfils the requirements of the Environmental Assessment under the Nova Scotia *Environmental Assessment Regulations* and associated guidelines, in particular *A Proponent's Guide to Environmental Assessment*, September 2009. Pieridae has been and remains committed throughout the planning process to open and transparent engagement using an approach that fosters a relationship of working together. Pieridae is determined to be the first and best source of information about the Project for stakeholders.

As part of the Project development efforts, Pieridae implemented a comprehensive consultation program with the following key objectives:

- to identify issues and concerns of the affected communities, stakeholder groups, and individuals;
- assist in judging the intensity of project benefits or impacts;
- solicit local information or expert opinions; and
- fulfil regulatory requirements.

The consultation program is intended to accompany the entire project development process. It started in the early planning stages of the Project, expanded during the formal EA process, and is scheduled to continue, through subsequent approvals and permitting, and construction activities. Pieridae also intends to continually engage with all stakeholders during the operation of the facility.

13.1.2 Public and Agency Consultation

Through a variety of public consultation activities Pieridae introduced the Proponent, informed stakeholders of the Project, explained the planning process, advertised consultation and engagement opportunities and solicited input to the Project Registration, the study approach (TOR) and results of the EA report.

Specific components and techniques that have been applied as part of the public consultation program included:

- website – www.GoldboroLNG.com;
- stakeholder database; mailing list;
- public information sessions/open houses;
- public notices;
- electronic communiqué ;
- newsletter (print & electronic);
- CLC;

- local company office (and future Information Centre);
- agency and stakeholder group meetings, Government briefings; and
- opinion poll.

More information on each of these components is briefly discussed below and in subsequent sections.

13.1.3 Website

At the outset of the EA process, a dedicated Project web site was established (www.GoldboroLNG) in order to:

- introduce the Project and the proponent;
- provide continuous public access to information and Project documents;
- communicate Project milestones, progress and opportunities for consultation;
- provide a mechanism for interested vendors to register for with the Project;
- solicit feedback from the public on issues related to the Project; and
- advertise procurement opportunities during the implementation stage of the Project.

The web pages were established in a format that is user-friendly and easy to navigate and included the information in the following key sections:

- Project:
 - overview;
 - benefits;
 - site;
 - safety;
 - community;
 - about Pieridae Energy (Canada) Ltd.; and
 - management team.
- Environmental Assessment:
 - documents;
 - notices; and
 - meeting materials.
- About LNG:
 - what is LNG;
 - LNG Supply and Markets; and
 - about Maritimes and Northeast Pipeline.
- Business Opportunities:
 - vendors; and
 - procurement opportunities.
- Latest News; and
- Contact us.

The Vendors section, as well as the “Contact us” section, includes a data entry window for interested parties to enter contact information and provide or request information to the proponent via e-mail. Screen captures of the main sections of the website are presented in Appendix O (Appendix O-1).

13.1.4 Stakeholder Database and Mailing List

At the outset of the Project, Pieridae established a list of stakeholders / stakeholder groups and government agencies with a potential interest in the Project. This initial list was established based on the study team’s familiarity with the Project location and experience with consultation for the Keltic Project proposal. Further stakeholders were added in consultation with government agencies and representatives from the local Council.

As the Project unfolded, the public at large and representatives of stakeholder groups were invited to add their contact information to the Project’s contact list/ mailing list. Opportunities to be added to the mailing list were provided at each of the public meetings through the registration / sign-up sheets. On an on-going basis, the Project website provided an electronic data entry form for signing up to the mailing list.

As the planning process unfolded the contacts on the mailing list expanded and included near the completion of the EA report more than 400 records. Pieridae will maintain the mailing list beyond the EA planning process for the purpose of disseminating Project information and advertising of events and activities during Project implementation.

Key local communities and stakeholder groups identified as potentially affected and/or having a direct interest in the Goldboro LNG Project are listed in Table 13.1-1.

Table 13.1-1 Goldboro LNG Project Key Communities and Stakeholder Groups

Communities
<ul style="list-style-type: none"> • Goldboro, Country Harbour • Drum Head, Isaac’s Harbour • Erinville • Salmon River Lake Fraser Mills, and Lower Springfield • Town of Guysborough • Town of Antigonish • Rural residents of Stormont Bay from Port Hilford through Port Bickerton to the west, and Coddles Harbour to Tor Bay to the east (in the Municipality of the District of Guysborough)
Economic Stakeholders
<ul style="list-style-type: none"> • Guysborough County Regional Development Authority (GCRDA) • Goldboro-Isaac’s Harbour Community Development Authority • Guysborough County Inshore Fisherman Association (GCIFA) • Eastern Shore Fishermen’s Protective Association • Individual fishers and aquaculture interests in the Project area • The Antigonish Area Partnership • Antigonish Chamber of Commerce • Antigonish Regional Development Authority • Local mining industry (traffic circulation and exploration rights)

Environmental Stakeholders
<ul style="list-style-type: none"> • Goldboro and Area Marine Protection Society • Nova Scotia African Community • St. Mary's Trail Association • Guysborough County Heritage Association • Salsman Park Marina Association • Ecology Action Centre • Canadian Parks and Wilderness Society, Nova Scotia Chapter • The Aquaculture Association of Nova Scotia • Eastern Mainland Field Naturalists • The Sierra Club • Coastal Communities Network • Nova Scotia Salmon Association

13.1.5 Public Information Sessions/Open Houses

Several Public Meetings / Open House events were held in order to inform about the Project and the planning process and to provide for opportunities to engage in discussions with the Project team. Table 13.1-2 lists the various events together with information on location, time, and main focus of the event.

Table 13.1-2 Public Meetings/Open House Events

Date	Location	Key Topics	Attendance¹
Wednesday 24-October-12	Goldboro Community Centre	<ul style="list-style-type: none"> • Project announcement and Project introduction. 	150
Wednesday 13-December-12	Goldboro Community Centre	<ul style="list-style-type: none"> • Update on Project components and schedule. • Planning process. • Consultation opportunities. • Opportunities for contractors. 	100
Wednesday 7-March-12	Goldboro Community Centre	<ul style="list-style-type: none"> • Update on Project components and schedule. • Update on planning process. • Project Registration Document (Project Description). • Draft Terms of Reference. • Consultation opportunities. • Opportunities for contractors. 	100
Tuesday 18-June-13	Goldboro Community Centre	<ul style="list-style-type: none"> • Update on Project components and schedule. • Update on commercial development, planning process, and schedule. • Final Terms of Reference. • Update on Project design (temporary work camp and water intake). • Draft results of inventory work; draft results of effects assessment. • Draft mitigation and environmental management. • Consultation opportunities. • Opportunities for contractors. 	100

Note:

1. Attendance numbers approximate; based on sign in and visual estimation.

13.1.5.1 Open House Sessions

The Open House events were typically held between 3:30pm and 7:00 pm, at the Community Centre, in Goldboro. The Open House format was chosen as it was considered the most appropriate format for disseminating information, soliciting feedback, and to provide an opportunity for study team members to engage the public in one-on-one or small group dialogue regarding specific issues and concerns. In addition, two times over the course of each meeting the proponent provided a brief power point presentation with a summary of the Project, progress in the planning process, key developments and results. The presentations were followed by a brief question and answer session.

Upon arrival at the Open Houses, visitors were greeted by a study team member, invited to sign-in (with the option to request inclusion in the Project mailing list), and were given handout materials and a Comment Form (Appendix O-2).

Display Material

Visitors then had the opportunity to view a series of display panels. All display information was also posted on the Project website (www.GoldboroLNG). It remains available on the website for the duration of the Project. Appendix O-3 includes a copy of the panels used during the Open House events; material presented at earlier sessions was more conceptual and became more detailed as the project developed. The display panels addressed the following general subjects:

- purpose of the open house;
- project description incl. schedule;
- environmental assessment process;
- existing environments;
- potential environmental effects;
- environmental mitigation and management; and
- consultation opportunities and contact information.

13.1.5.2 Fact Sheet

At each Open House, Pieridae also presented the Project on a factsheet. This represents a one page information sheet with double sided print summarizing key information on the Project, the schedule, the proponent and other Project facts. It also provided contact information and was meant as a take-home information sheet. The sheet was updated for every Open House event and also made available on the Project website (www.GoldboroLNG). A copy of the latest factsheet is presented in Appendix O-4.

13.1.5.3 Attendance, Feedback

All Open Houses were very well attended. At each of the meetings, the Project was very well received and supported by all of the typically more than 100 attendees (see Table 13.1-2). In general, the Proponent heard numerous times that the community is eager to see development in the Goldboro Industrial Park (see below section 13.1.12).

13.1.6 Stakeholder Group Meetings

The study team engaged individual stakeholders and stakeholder groups during the Open House events discussed above as most used the opportunity to attend these events. In addition, the team solicited input from key groups through separate face-to face meetings. Key meetings events are listed in Table 13.1-3.

Table 13.1-3 Key Stakeholder Meetings

Type of Contact	Date	Key Issues Discussed	Stakeholder
Meeting	23-October-12	<ul style="list-style-type: none"> Company and Project introduction and initial issues, concerns and opportunities of provisions for goods and services. 	UA Local 244, Plumbers, Pipefitters and Welders
Meeting	11-December-12	<ul style="list-style-type: none"> Company and Project introduction and initial issues or concerns. 	Maritimes Energy Association
Meeting	12- December-12	<ul style="list-style-type: none"> Company and Project introduction and initial issues, concerns and opportunities. 	Guysborough County Inshore Fishery Association
Telephone call	25-April-13	<ul style="list-style-type: none"> Red Head – inquired about remaining issues and concerns; as well as need for consultation / involvement. 	African Nova Scotian Community
Meeting	15-June-13	<ul style="list-style-type: none"> Project Update. 	Guysborough County Inshore Fishery Association
Meeting	15-June-13	<ul style="list-style-type: none"> We discussed the pipeline ROW issues. Please consider the following: <ul style="list-style-type: none"> the natural gas pipeline ROW cannot be used for a water pipeline; the water pipeline can run parallel to the natural gas pipeline; and the water pipeline can cross under the natural gas pipeline multiple times, if required. 	Spectra: Brian McKerlie (Vice-President, Spectra) and Richard Terrazas (Vice-President, Spectra)
Meeting	05-July-13	<ul style="list-style-type: none"> Project Update. Effects Predictions and Marine Habitat Compensation. 	Guysborough County Inshore Fishery Association

13.1.7 Public Notices

Pieridae issued Public Notices in advance of each public meeting. This was to inform the public about the Project and to give early notice of opportunities to learn about the Project, meet and engage with the study team. The public notices were given through advertisement in local newspapers, radio stations and e-mail distributions to all contacts of the mailing list. Public notices were also posted on the Project website (Section 3.3). Copies of newspaper notices are included in Appendix O-5. It is of note that, in accordance with the NSE guidelines on the EA

process (*A Proponent's Guide to Environmental Assessment*, NSE, 2009), NSE issued a public notice on:

- registration of the Goldboro LNG Registration Document and publication of the Draft Terms of Reference; and
- publication of the Final Terms of Reference.

These notices were included with the NSE EA project website (<http://www.gov.ns.ca/nse/ea/goldboro-lng>). The site also provided the electronic copies of the Registration Document, the Draft Terms of Reference, and subsequently the Final Terms of Reference. In parallel to the NSE notices, Pieridae included the documents on its own website (see above Section 13.1.3).

Publication dates for the various notices are presented in Table 13.1-4.

Table 13.1-4 Public Notices and Publication Dates

Purpose for Public Notice	Newspaper/Radio	Publication Date	Issued by
Advertise public meeting/Open House	Guysborough Journal	Week of November 28 and December 5, 2012	Pieridae
Advertise public meeting/Open House	Chronicle Herald	December 1, 6 and 12, 2012	Pieridae
Project Registration and Draft Terms of Reference	Chronicle Herald	February 27 2013	NSE
Final Terms of Reference	NSE project web site	May 7, 2013	NSE
Advertise public meeting/Open House	Guysborough Journal	Week of February 27, 2013	Pieridae
Advertise public meeting/Open House	Chronicle Herald	March 2 and 6. 2013	Pieridae
Advertise public meeting/Open House	Guysborough Journal	Week of June 9, 2013	Pieridae
Advertise public meeting/Open House	Chronicle Herald	June 12 and 15, 2013	Pieridae

13.1.8 Electronic Communiqué

Pieridae has established a comprehensive and growing database of contacts for stakeholders. Stakeholders are able to sign-up to receive electronic communiqués from the company. Table 13.1-5 is an overview of the electronic communiqué's that have been sent to stakeholders.

Table 13.1-5 Electronic Communiqués

Purpose for Email Notice	Number of People on Mailing List	Date Sent	Issued by
First Open House	239	December 05, 2012	Pieridae
Announce Opening of Halifax Office	229	February 19, 2013	Pieridae
Second Open House	293	February 27, 2013	Pieridae
Spring 2013 Newsletter	359	May 31, 2013	Pieridae
Third Open House	403	June 12, 2013	Pieridae

13.1.9 Newsletter

The first edition of the Goldboro LNG newsletter was distributed electronically and as part of the Guysborough Journal in May 2013. The newsletter provides important information about the Project and key milestones. The newsletter will be published on a semi-annual basis, or when specific Project developments warrant an additional issue.

Copies of the newsletters issued so far are presented in Appendix O-6.

13.1.10 Community Liaison Committee (CLC)

Pieridae established a CLC in July/August, 2013. The committee was set up by Pieridae, voluntarily, to provide a forum for local communities to engage in the Project planning, learn about the proposal and provide feedback to the planning team regarding Project-related opportunities, issues, concerns and preferences. The committee will be the primary vehicle used for future consultations. The CLC was established with a two-fold mandate:

- to provide a forum for the representatives of the residents of Goldboro and surrounding communities engage in the Project planning for the Goldboro LNG Project; and
- to provide a forum for representatives from Goldboro LNG to update the community, through the committee, on the various aspects of the Project.

Pieridae held a number of open houses and asked attendees about their interest in a CLC. The first newsletter (May 2013 edition) announced Pieridae's plans and invited interested members of the community to contact the study team. Subsequently Pieridae invited 10 people from interested parties to sit on the CLC. A key objective in the selection was the representation of the various communities and interest groups. The first meeting was held on 10th September, 2013. Pieridae chaired the meeting and all participants discussed the following topics:

- confirmation of membership;
- CLC terms of reference/ code of conduct;
- meeting schedules; and
- subjects for future discussions.

It was decided that meetings will be held on a quarterly basis at first with the schedule adjusted in response to Project activity. Additional meetings would be arranged, should specific topics of interest arise or during key phases of Project implementation, in particular specific construction activities.

13.1.11 Local Company Office; Goldboro Site Information Centre

Pieridae Energy Inc. established a permanent office in Halifax at 1718 Argyle Street (Suite 730). The purpose is to have a permanent local presence for management and coordination of the planning and approval process and subsequent design and procurement activities.

The office also serves as a location for disseminating project information, reports and documents. The Office Staff provides a continuous contact point for contractors and the business community at large to obtain information of project schedule and commercial opportunities.

With the start of the construction activities Pieridae is planning on operating an information centre at the Project site. The centre is envisaged to be expanded as the Project evolves and to be maintained throughout Project operation. Exhibits and information material will inform about the Project and such topics as LNG, liquefaction technology, LNG tanker technology, energy markets. Some cultural history will also be included, such as the Black Loyalist community and former Red Head Cemetary associated with the Project area.

13.1.12 Community Values (Opinion Poll)

During the stakeholder consultation, Pieridae has been careful to communicate the potential benefits and impacts of the Project and to listen to the responses and understand the value system of the larger community. Open House events and the Project website provided numerous and ongoing opportunities for input. However, in an effort to obtain insight into views of a more representative portion of the community, an opinion poll was conducted for Guysborough County. Three hundred residents were contacted by phone and were asked about their opinion regarding several different aspects of the Project. There was a high level of awareness of the Project among residents contacted, and the great majority (86%) are in support of the Project. Of those in support, 77% identified economic benefits as their main reason. Of the 11% of residents who were opposed, one third identified environmental impact/pollution as the main reason and one third identified safety concerns as the main reason.

The following section summarizes concerns expressed by the public and stakeholders, as expressed in results of the public open houses, opinion poll, and comments received on the TOR. A complete set of comments and Pieridae's responses are included in Appendix O-7. The results of the opinion poll are presented in Appendix O-8.

13.1.13 Issues and Concerns Identified by the Public and Stakeholders

The Project team has communicated with key individuals in the community, stakeholders, and industry groups to provide updates and progress reports on the Project, and receive feedback and updates. To date, key issues include overwhelming community support and engagement from the business community, local and regional residents. The community sees this Project as

an excellent opportunity to boost the economy and fill the gap left by the cancelled Keltic Project. No matters of major public concern, debate, or opposition have arisen.

Contacts were made with private organizations and stakeholder groups to obtain a detailed understanding of issues and information to be considered in the EA Report. Contacts included formal face-to-face meetings as well as telephone contact and e-mail correspondences. Key meetings and contacts are listed in Table 13.1-3.

NSE received approximately 57 letters / e-mails from the general public commenting on the Draft Terms of Reference that NSE issued early on in the planning process (27 February 2013). NSE forwarded all comments to Pieridae for review and response, where applicable. All but one of the public comments received on the TOR were an expression of support for the Project. One comment by an industrial property owner in the area identified itself as having an interest in the matters to be considered and requested the TOR should consider the potential effects of the Project on adjacent facilities. Table 13.1-6 summarizes the key issues and comments raised to date.

Table 13.1-6 Key Issues / Comments - Public and Stakeholders

Main Subject	Comment/Issue *	Study Team Response
Draft Terms of Reference	We support the Project For more information, refer to Appendix O-7 and Appendix O-8	<ul style="list-style-type: none"> Comment noted. No action required.
Project Markets and Supply	How secure is the gas supply that will be shipped to markets?	<ul style="list-style-type: none"> All gas purchased as sales gas will be contracted long-term on a primary firm basis. Pieridae's portion of gas discovered or contracted under any joint venture will be committed to the Project. Gas will be shipped utilizing firm transportation on the associated pipelines.
Fisheries and Aquatic Resources	Potential impacts on marine fish habitat	<ul style="list-style-type: none"> The EA includes an assessment of potential impacts on fish, fish habitat and fisheries at and near the Project site (Section 10.0 of the EA). The team consulted with the Fishermen's Association and the Department of Fisheries and Oceans. A conceptual Offset Plan has been developed. The EA concludes that with the implementation of all mitigation measures and compensation, the Project is not expected to cause significant adverse effects on these issues. Contact has been made with some license holders to discuss the impact on those individuals.
	There are salmon in Meadow Lake.	<ul style="list-style-type: none"> Noted. There is information in the EA report about Atlantic Salmon in the Isaac's Harbour River watershed.
Socio-economic Effects	Where will workers be housed during the construction period	<ul style="list-style-type: none"> The Project will include the development of a temporary work camp for up to 2000 workers during the construction phase; that camp is to be located immediately adjacent to the Project site; objective is

Main Subject	Comment/Issue *	Study Team Response
	<p>to also house as many workers as possible within the community; i.e. up to 1500 workers during peak construction time.</p> <p>This Project will retain our young people and bring back our young families that are working out west</p> <p>What employment opportunities will the Project provide and when?</p> <p>Local residents anticipate the opportunity to provide services to the Project workforce and new residents.</p> <p>Training Opportunities</p>	<ul style="list-style-type: none"> Comment noted. The construction phase is expected to provide employment for up to 3500 workers; construction is scheduled to start in 2015 and come to an end in 2019; during operation about 200 people will be employed (operation, administration, maintenance) Noted. Pieridae will coordinate with the local and regional communities and government organizations to maximise potential economic benefits of the Project. In order to avoid schedule delays in the project development Pieridae will be in early communication with labour unions, trade organizations, Chambers of Commerce, and relevant schools and training centres to communicate the project's labour requirements and to assist in initiating training programs required to address Project needs; the specific extent of the training opportunities will be determined over the course of the detail design phase.
Infrastructure	Will Highway 316 be realigned? Where will the highway go?	<ul style="list-style-type: none"> The Nova Scotia Department of Transportation and Infrastructure Renewal (NSTIR) are committed to realign Hwy 316. This is to be completed at the start of the Goldboro LNG construction activities. The proponent for the Highway realignment is NSTIR. Decisions on the route alignment, designs and approvals rest with NSTIR. The Goldboro LNG Project planning and site design assumes that the highway will pass behind i.e. to the north of its property.
CLC	Will Pieridae organize a CLC? It worked well during the Keltic Project. We would be interested in participating.	<ul style="list-style-type: none"> Pieridae established a CLC and held a first meeting on 10 September 2013. Pieridae is committed to hold further meetings throughout the planning and construction process and, sufficient interest provided, during Project operations.

*Note:
 unless presented in italics, comments are summarized and paraphrased based on written submissions and/or verbal communication

13.1.14 Government and Agency Consultation

At the outset of the EA process, the study team identified key federal and provincial agencies with a potential interest in the Project:

- Federal Regulatory Stakeholders:
 - EC;
 - DFO;
 - Health Canada;
 - Natural Resources Canada; and
 - TC.

- Provincial Regulatory Stakeholders:
 - NSE - Environmental Assessment;
 - NSE - Climate Change Directorate;
 - NS Department of Economic and Rural Development and Tourism;
 - NS Department of Communities, Culture, and Heritage;
 - NSDNR;
 - NSDA;
 - Nova Scotia Department of Aquaculture and Fisheries (NSDAF); and
 - NS Department of Health and Wellness.

The study team contacted agencies to obtain technical information. Contacts were also made to obtain a detailed understanding of specific agency requirements for information to be presented in the EA Report as well as in subsequent applications for approval, permits and authorizations. Contacts included formal face-to-face meetings as well as telephone contact and e-mail correspondences. Key meetings and contacts are listed in Table 13.1-7.

Table 13.1-7 Government and Agency Consultation Activities

Event Type	Date	Purpose	Stakeholders
Federal Government			
Meeting	30-August-12	<ul style="list-style-type: none"> • Introduction of Proponent and Project; Discussion of Provincial and Federal Environmental Processes, Information Requirements, and Timelines. 	CEAA (V. Rodrigues, M. Atkinson), with NSE in attendance
Telephone call	22-October-12	<ul style="list-style-type: none"> • Company and Project introduction. 	MP (Rodger Cuzner, Cape Breton Canso)
Meeting	23-October-12	<ul style="list-style-type: none"> • Company and Project introduction. 	MP, assistant to Peter MacKay (Central Nova)
E-mail	28-November-12	<ul style="list-style-type: none"> • Submission of Draft Comparison Document (Goldboro LNG versus the Keltic Project). 	CEAA
E-mail	28-November-12	<ul style="list-style-type: none"> • CEAA decision (Federal EA not required). 	CEAA
Meeting	8-January-13	<ul style="list-style-type: none"> • Project status and timelines; NWPA and Effects Determination Report requirements; Coordination with TERMPOL/DFO consultation requirements; and Aboriginal engagement. 	TC, Marine Safety

Event Type	Date	Purpose	Stakeholders
Meeting	8-January-13	<ul style="list-style-type: none"> Project status and timelines; TERMPOL process, timelines, and participating agencies. 	TC, Compliance and Enforcement
Meeting	10-January-13	<ul style="list-style-type: none"> Authorizations under The Act; Effects Determination Report requirements; initiation of approval process/requirements/timelines; Coordination with NSE and DFO reviews; consultation requirements; and Aboriginal engagement. 	DFO
Meeting	11-April-13	<ul style="list-style-type: none"> Update on Project components and approach to assessment of effects on fish, fish habitat, fisheries including requirements for compensation. 	DFO
Telephone call	Various calls between 6 th and 18 th April 2013	<ul style="list-style-type: none"> Information requests re survey requirements and bird data. 	CWS Environmental Stewardship Branch - EC
Meeting	29-April-13	<ul style="list-style-type: none"> Update on Project components and approach to assessment of effects on fish, fish habitat, fisheries including requirements for compensation. 	DFO
Telephone call	9-July-2013	<ul style="list-style-type: none"> Update on Project Description (Meadow Lake and temporary work camp). 	CEAA
Meeting	16-July-13	<ul style="list-style-type: none"> Draft text on description of the environment (freshwater and marine) and draft text on related effects assessment and suggestions for compensation strategy. 	DFO
Provincial Government			
Meeting	July-2012	<ul style="list-style-type: none"> Company and Project introduction. 	Multiple Ministries
Meeting	30-August-12	<ul style="list-style-type: none"> Introduction of Proponent and Project; Discussion of Provincial and Federal Environmental Processes, Information Requirements, and Timelines. 	S. Sanford (NSE, Approvals Branch), with CEAA in attendance
Meeting	10-September-12	<ul style="list-style-type: none"> Company and Project introduction. 	Government – Provincial, NSBI, NSE, Premier Dexter
Meeting	23-October 12	<ul style="list-style-type: none"> Company and Project introduction and initial issues, concerns and opportunities. 	Government – Provincial; NSDE, NSE, NSBI, Premier's Office
Meeting	24-October-12	<ul style="list-style-type: none"> Company and Project introduction. 	PC Party Leader Jamie Baillie
Meeting	11-December-12	<ul style="list-style-type: none"> Company and Project introduction. 	NS Liberal Party Leader Stephen McNeil
Meeting	8-January-13	<ul style="list-style-type: none"> Project status; requirements for Class II projects; schedule for draft registration document; NSE review time requirements; coordination with DFO and TC and their involvement in EA process. 	NSE EA Approvals Branch

Event Type	Date	Purpose	Stakeholders
Meeting	13-February-13	<ul style="list-style-type: none"> Introduction to Project and proponent; Project updates; approach to engagement of Aboriginal communities. 	NS Office of Aboriginal Affairs
Meeting	10-April-13	<ul style="list-style-type: none"> Project introduction, TOR comments, survey requirements. 	NSDNR (Mark Elderkin, Mark Pulsifer)
Meeting	24-April-13	<ul style="list-style-type: none"> Project updates; approach to engagement of Aboriginal communities. 	NS Office of Aboriginal Affairs
Meeting	10-May-13	<ul style="list-style-type: none"> Project updates; approach to engagement of Aboriginal communities. 	NS Office of Aboriginal Affairs
Telephone call	13-May-13	<ul style="list-style-type: none"> Discussion of alternative work camp locations. Provincial lands available. 	NS Business Inc. together with representative from Municipality of Guysborough County
Meeting	30-May-13	<ul style="list-style-type: none"> Survey results for Moose and bat hibernacula; other survey/data requirements (pipeline, lake environments, work camp). 	NSDNR/NSE (Mark Elderkin, Steve Sanford)
Meeting	25-July-13	<ul style="list-style-type: none"> Project related GHG emissions, approach to GHG management, mitigation and off-sets. 	NSE Climate Change Directorate, Dachi Gibson, NSE Environmental Assessment, Steve Sanford
Letter	6-September-13	<ul style="list-style-type: none"> Request for inclusion of bat survey results in the EA Report 	NSE
Municipal Government			
Meeting	November 2011, January 2012, 23-October-12.	<ul style="list-style-type: none"> Company and Project introduction. 	Municipality of District of Guysborough Council
Meeting	07-March-13	<ul style="list-style-type: none"> Project and EA update. 	Municipality of District of Guysborough Council
Telephone call	13-May-13	<ul style="list-style-type: none"> Discussion of alternative work camp locations. Municipal opportunities/constraints for work camp locations. 	District of Guysborough - Economic Development

A summary of all input provided from government agencies and the Project team's response is presented in Table 13.1-8. This includes government and agency consultation (above) and formal review comments on the Draft TOR, below.

NSE approached all relevant government agencies at that start of the EA process with a request to comment on the Draft TOR which was issued on 27 February 2013. NSE forwarded all government comments on the Draft TOR to Pieridae for review and response, where applicable. The comments are presented in summarized form in Table 13.1-2. A complete set of comments and Pieridae responses are included in Appendix O-7. It is of note that the agency comments were directed to NSE as the author of the Draft TOR. NSE reviewed the comments as well as

Pieridae's responses and, where applicable and deemed justified, edited the TOR and issued the Final TOR.

Table 13.1-8 Key Issues / Comments - Government Agencies

Agency	Comment/Issue*	Study Team Response
Federal		
EC	<ul style="list-style-type: none"> Identified information and reporting requirements for SAR, migratory birds (including seabirds), wetlands, sensitive coastal habitats, sediment and water quality, water quantity, and contingency and emergency planning. 	<ul style="list-style-type: none"> Incorporated in EA Report.
EC - CWS	<ul style="list-style-type: none"> Specified survey requirements and provided bird data. 	<ul style="list-style-type: none"> Contacted several CWS representatives to obtain additional information. Incorporated requirements in field survey program and results in EA Report.
DFO	<ul style="list-style-type: none"> Identified information and reporting requirements for fisheries and fish habitat. 	<ul style="list-style-type: none"> Held several meetings with DFO representatives. Incorporated requested information in EA Report.
Health Canada	<ul style="list-style-type: none"> Identified information and reporting requirements for water quality, sediment quality, and nearest residences. 	<ul style="list-style-type: none"> Incorporated in EA Report.
TC	<ul style="list-style-type: none"> The Project will require approval pursuant to NWPA; it is also recommended that Pieridae undertakes a TERMPOL planning and design study in close cooperation with TC, Coast Guard, and Pilotage Authority. 	<ul style="list-style-type: none"> The study team met with TC to further introduce the Project, discuss the approval process, including information requirements, schedule and timing. Incorporated results of Goldboro LNG shipping study with EA Report. Submitted application for approval pursuant to NWPA.
Provincial		

Agency	Comment/Issue*	Study Team Response
NSE	<ul style="list-style-type: none"> • Permit required for wetland impacts. • EA Report to include survey data on bats 	<ul style="list-style-type: none"> • The study team met with NSE staff on several occasions to further introduce the Project, discuss EA and other approval requirements; information needs for wetland alteration permits, have been included with the EA Report. • Conducted bat survey in accordance with NSDNR survey requirements and included results in report.
NSE – Climate Change Directorate	<ul style="list-style-type: none"> • Project related GHG emissions and provincial GHG objectives. 	<ul style="list-style-type: none"> • Held meeting; provincial and federal government has no specific standards or mitigation /offset requirements in place for proponents to follow. • Air quality assessment incorporates proponent's commitments to GHG management, mitigation and development of GHG offset strategies.
NSTIR	<ul style="list-style-type: none"> • Provide data on changes in local traffic, work in road right of way, and oversized loads. 	<ul style="list-style-type: none"> • Incorporated in EA Report.
NS Communities, Culture, and Heritage	<ul style="list-style-type: none"> • Identified archaeological survey / monitoring requirements (including management of human remains) and communication protocols. • Identified botanical survey and reporting requirements. 	<ul style="list-style-type: none"> • Incorporated in EA Report.

NSDNR	<ul style="list-style-type: none"> Identified information and reporting requirements for wildlife (including migratory birds, Moose, and deer), wetlands, and SAR (including roseate tern). 	<ul style="list-style-type: none"> Incorporated in EA Report.
	<ul style="list-style-type: none"> Meeting required with NSDNR staff to discuss specific requirements. 	<ul style="list-style-type: none"> Held two meetings with DNR representatives. Added surveys to field work program. Reported back on surveys pertaining to Moose and bat hibernacula (AMOs). Included survey results and assessments in EA report. Added commitment to support for Mainland Moose Recovery strategy. Provided field data and coordinates to NSDNR.
	<ul style="list-style-type: none"> Project construction in shoreline will require authorisation under <i>Crown Land and Beaches Act</i>. 	<ul style="list-style-type: none"> Incorporated in EA Report.
	<ul style="list-style-type: none"> Conduct bat survey at AMOs with potential for use as hibernacula 	<ul style="list-style-type: none"> Conducted survey and included results with EA Report
NS Department of Health and Wellness	<ul style="list-style-type: none"> Identified information and reporting requirements for water and waste management, air quality concerns, pedestrian safety, decommissioning plan, and worker safety. 	<ul style="list-style-type: none"> Incorporated in EA Report.

Note:

*Unless presented in italics, comments are summarized and paraphrased based on written submissions and/or verbal communication.

13.1.15 Consultation Following EA Submission

Pieridae's public and agency consultation program will continue beyond the submission of the EA Report throughout the planning, design, construction phase, and during and operation. Particular activities will include regular meetings with the CLC and publication of the Project newsletter. Agency contacts will focus on, if applicable, implementation of EA approval conditions, as well as information requirements for other federal and provincial permits (e.g., authorization under the *Fisheries Act*, NSUSRB approvals under the *Pipeline Act* and *Energy Resources Conservation Act*). Another focus will be on conducting the TERMPOL review process in cooperation with TC, the Pilotage Authority, and Canadian Coast Guard. It is envisaged that key activities and outcome of the consultation program will be communicated to the general public via the Project newsletter and the CLC.

13.2 Engagement of Aboriginal Communities

13.2.1 Strategy and Objectives

Pieridae is cognizant that there are several international, national, and provincial processes promoting First Nation involvement in environmental management and in promoting cooperation between Project proponents and Aboriginal communities in NS. Pieridae has undertaken several measures to identify the concerns of Aboriginal people about the potential adverse effects or the environmental effects of the Project, and to promote First Nation involvement in the Project. Similar to other development initiatives in NS, Pieridae has taken direction from "A Proponent's Guide to Environmental Assessment," and "Proponent's Guide: Engagement with Mi'kmaq of Nova Scotia," in developing its strategies and objectives (NSE, 2009c and NS Office of Aboriginal Affairs, 2009).

Pieridae has also taken a more proactive approach by following the principles of Free, Prior and Informed Consent as presented and discussed within the United Nations Permanent Forum on Indigenous Issues. To this end, Pieridae has addressed early engagement with the Aboriginal community in NS as a priority and has developed an Aboriginal Community Engagement Strategy. The premise of the engagement strategy is that, through effective engagement, Pieridae can establish an effective relationship with Aboriginal communities and organizations. Pieridae's objectives were to:

- inform Aboriginal communities about its proposal;
- solicit information on the Aboriginal issues and concerns with respect to the proposed Project; and
- identify ways and means for Aboriginal engagement in the planning process and approaches to a mutually beneficial Project implementation.

13.2.2 Aboriginal Communities and Stakeholders

Based upon a preliminary assessment of the Project location and involvement of Aboriginal communities in NS, several communities and Aboriginal organizations were identified as potentially affected and/or having a direct interest in the Goldboro LNG Project. These communities (shown on Figure 13.2-1) and organizations are listed in Table 13.2-1.

Table 13.2-1 Key Aboriginal Communities

Category	Communities/Organizations
Aboriginal communities	Paq'tnkek First Nation
	Millbrook First Nation
	Shubenacadie Band
Aboriginal organizations	Assembly of NS Mi'kmaq Chiefs
	KMK
	Aboriginal Employment Partnership
	Native Council of NS
Provincial organizations	NS Office of Aboriginal Affairs

13.2.3 Engagement Activities

The Aboriginal Community Engagement Strategy for the Goldboro LNG Project involves a series of engagement activities that include:

- face to face contacts with Chiefs;
- presentations/meetings with communities;
- presentation at regional Tribal Council/Provincial Tribal Organization meetings;
- letters of notification of EA;
- MEK Study; and
- provision of draft EA report for review and comment.

The engagement activities that have taken place to date are listed in Table 13.2-2. In addition invitations to all Public meetings/Open House events (Section 13.1.5) were mailed to representatives of the Aboriginal communities identified in Table 13.2-1 (copies of the invitations are included with Appendix O-5).

Table 13.2-2 Engagement Activities

Aboriginal Community Engagement Activities	Date
Face to face contacts with Chiefs	
Paq'tnkek	October 23, 2012 March 19, 2013
Millbrook	October 22, 2012
Indian Brook	December 12, 2012
Presentations / meetings with communities	
Paq'tnkek	December 12, 2012
Indian Brook	January 14, 2013
Mill Brook	February 12, 2013
Presentation at regional Tribal Council/Provincial Tribal Organization meetings	
KMK staff	October 12, 2012 March 20, 2013 May 10, 2013 May 30, 2013 July 24, 2013
KMK - Benefits Committee	October 11, 2012 November 16, 2012 May 5, 2012
Aboriginal Employment Partnership	July 16, 2013
Assembly of NS Chiefs	Through KMK

Finally, Pieridae has requested to present the EA Document to the Assembly and agreed to set up a web-based portal through which Aboriginal Communities can provide direct comment on the documents.

The Draft TOR was issued on 27 February 2013. The Kwilmu'kw Maw-klusuaqn Negotiation Office provided comments which NSE forwarded to Pieridae for review and response, where applicable. The comments are presented in summarized form in Table 13.2-3. A complete set of comments and Pieridae responses are included in Appendix O-7.

Table 13.2-3 Key Comments and Concerns Raised by Aboriginal Communities

Subject Area	Comments/Concerns/ Suggestions	Study Team Responses/Actions
Opportunities (Economics, Training, Other)	Opportunities for engagement.	Initiated communication with Chiefs and KMK; made commitments in a MOU pertaining to development of long-term relationship and provision of Project benefits.
	Potential for collaboration and employment.	Negotiation of benefits (including employment) agreement.
	Potential for training and skills development.	Including training in negotiation of benefits agreement.
	Potential for support for KMK operations.	MOU includes negotiation of support to facilitate development of benefits agreement.

Subject Area	Comments/Concerns/ Suggestions	Study Team Responses/Actions
Planning Process	MEK Study.	MEKS updated and submitted for review.
	Environmental protection.	Providing opportunity for direct review of the EA document (made presentation and provide means to facilitate feedback).
Review of Draft TOR	Area has been significantly utilized for traditional use (hunting, fishing, and gathering) and occupation.	Noted. This has been addressed in the MEKS and EA report.
	Concerns for Mainland Moose.	Agree. In response to the concern, a Moose survey was conducted at and near the Project site; survey results and mitigation measures to address potential adverse effects on Mainland Moose have been addressed in the EA Report.
	Request internal review of MEKS.	Agree. A copy of the MEKS has been provided for review and comment.
	Concerns for fish, fish habitat, and Mi'kmaq fisheries.	A MEK Study has been prepared as part of the EA process. This includes a discussion of potential effects on fishing. Pieridae's engagement program with Mi'kmaq communities has addressed potential project-related effects and establishes commitments for effects management and communication.
	Identified expectations for archaeological assessment.	A MEK Study and archaeological assessments has been prepared as part of the EA process. This includes a discussion of potential effects on archaeological sites. Pieridae's engagement program with Mi'kmaq communities (including Kwilmu'kw Maw-klusuaqn Negotiation Office-Archaeology Research Division) also addresses potential project-related effects and establishes commitments for archaeological fieldwork and documentation.
	Kwilmu'kw Maw-klusuaqn Negotiation Office may coordinate Mi'kmaq representation in CLC.	Pieridae has established a CLC and invited Mi'kmaq community to be represented.

Subject Area	Comments/Concerns/ Suggestions	Study Team Responses/Actions
	Identified expectations for impact benefits agreement.	Pieridae has commenced and will continue to engage Mi'kmaq communities in the Project's planning and development process. As such, Pieridae is in the process of negotiating with the Kwilmu'kw Mawklusuaqn Negotiation Office a comprehensive Cooperation Agreement.
Consultation and Engagement	Crown role and activities regarding consultation with Aboriginal communities about the Project.	Maintaining direct dialogue with Mi'kmaq organizations and communities without prejudice. Maintaining arms length discussions with Office of Aboriginal Affairs.
	Distinction between Crown Consultation and Proponent Engagement.	Proponent is ensuring Project staff are not directly involved in negotiations between NS Government and First Nations negotiators.

13.2.4 Identified Issues and Concerns

Preliminary meetings with the KMK Benefits Committee, Paq'tnekek Band Council, and individual Chiefs have been held (Table 13.2-2). Discussion points during these initial contacts are listed in Table 13.2-3. There is a general understanding between Pieridae and Aboriginal communities that the engagement process will facilitate open dialogue on matters related to First Nations interest regarding environment and economic development.

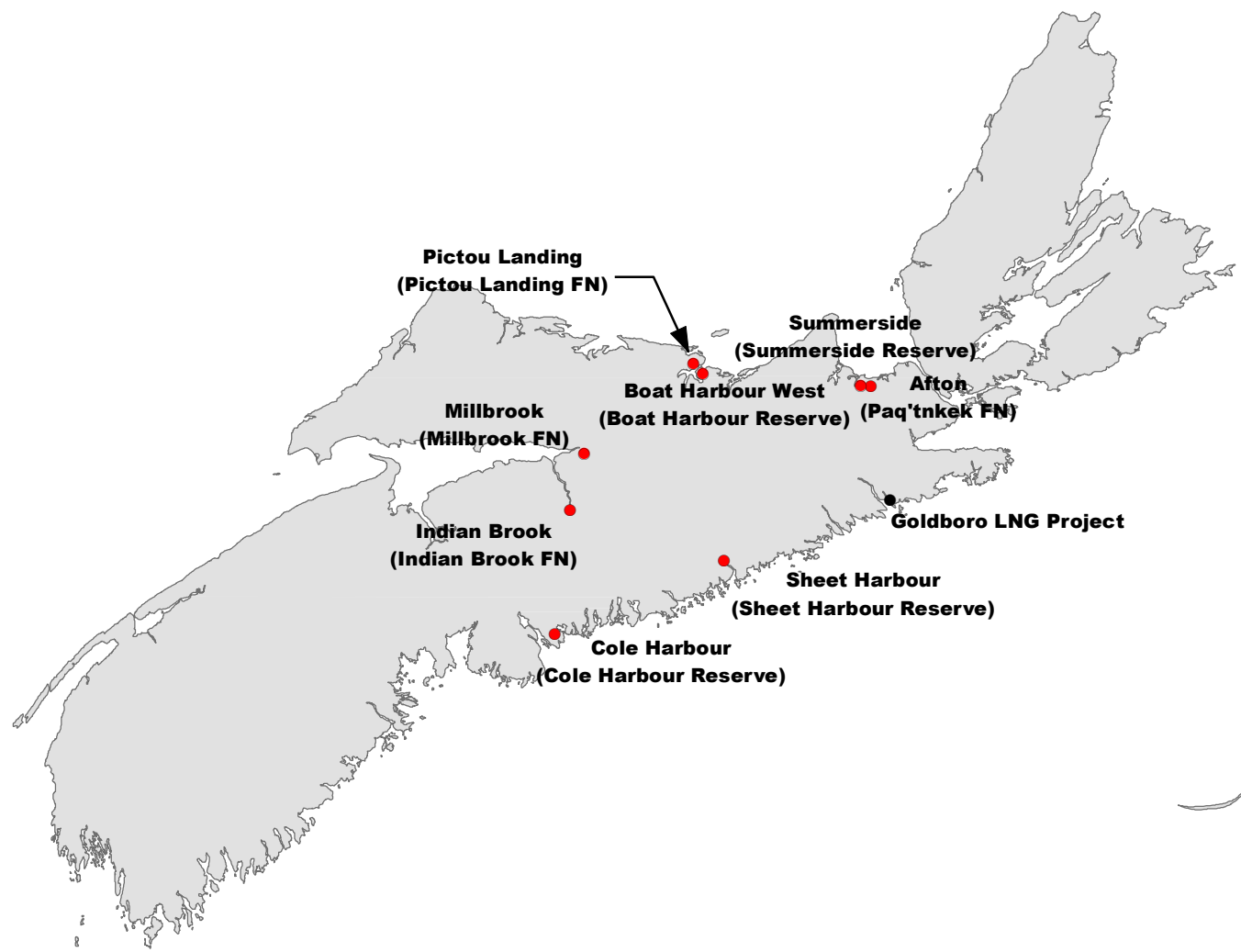
13.2.5 Memorandum of Understanding (MOU)

Pieridae has concluded a MOU with the Assembly of NS Chiefs through the KMK Benefits office. Both parties signed the MOU in early September 2013. The purpose and focus of the MOU is to guide ongoing discussions regarding a CBA between the Project and Mi'kmaq communities.

13.2.6 Engagement Following EA Submission

Pieridae has committed to an ongoing relationship with the Mi'kmaq of NS. In accordance with the terms of the MOU, the focus of engagement activities in the short-term will be the conclusion of the CBA. This Agreement will provide the foundation for continued engagement activities that will meet the spirit and intent of the MOU, namely, to cooperate with each other with respect to the Project on the basis of equality, reciprocity and mutual benefit. Future engagement activities will be coordinated through specifically designated contact persons, and through the First Nations Representatives on the CLC.



Pieridae will make presentations to update the Assembly of NS Chiefs, or their designated committees, on the Project from time to time. Mi'kmaq communities are also represented on the CLC and as such will be regularly involved in the discussion of Project planning and implementation with Pieridae and other community representatives.



LEGEND:

- Key Aboriginal Communities
- Goldboro LNG Project

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CLIENT: Pieridae Energy (Canada) Limited	SCALE: 0 20 40 80 Kilometers	PROJECT:  GOLDBORO LNG ENVIRONMENTAL ASSESSMENT	DWN BY: JT	DATE: June 2013
	DATUM: NAD83		CHK'D BY: GB	REV. NO:
AMEC Environment and Infrastructure A Division of AMEC Americas Ltd.  50 Troop Avenue, Unit 300 Dartmouth, N.S., B3B 1Z1 (P) 902-468-2848 (F) 602-468-1314	PROJECTION: UTM Zone 20	TITLE: KEY ABORIGINAL COMMUNITIES	SCALE: 1:3,000,000	FIGURE NO: 13.2-1
	PROJECT NO: TV121039			