

## Request: support for briefing materials Crystal Smith meeting with PJH next week

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From: Carr, Michelle EMPR:EX <Michelle.Carr@gov.bc.ca>  
To: MacLaren, Les EMPR:EX <Les.MacLaren@gov.bc.ca>, Coley, Simon J EMPR:EX <Simon.Coley@gov.bc.ca>, Humber, Emmy EMPR:EX <Emmy.Humber@gov.bc.ca>  
Cc: Thoroughgood, Garth A EMPR:EX <Garth.Thoroughgood@gov.bc.ca>, Boivin, Arielle EMPR:EX <Arielle.Boivin@gov.bc.ca>  
Sent: January 17, 2019 2:49:36 PM PST

Hi,

Dave has requested that briefing materials be developed for a short (10 – 15 min) meeting that Chief Crystal Smith will be having with PJH at the BC Natural Resources Forum on Wednesday.

The topics are below. I can build out the BN but would appreciate the input of your teams on background and proposed responses/key messages for each topic that are likely to be raised, as the topics refer to areas of your accountability (list comes from Haisla meeting request).

Can you pls confirm your thoughts on this approach. Simon, I'm not sure if this is something your team typically leads but I'm also happy to defer to your team on this.

Garth, this is FYI but please weigh in if I'm missed something.

Thanks,

Michelle

s.12; s.13; s.16

FYI, Crystal and 2-3 other supportive chiefs are looking to hold a brief press event at the forum Wednesday morning to re-state their support for CGL, to thank the Premier for his comments, and to urge the PM to be similarly forthright. s.13; s.16

s.13; s.16

Thanks,

Michelle

**Michelle Carr** | Assistant Deputy Minister

LNG Canada Implementation

Ministry of Energy, Mines and Petroleum Resources

Telephone: 250-882-1473

Date:  
Cliff No.:

**MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**  
**BRIEFING NOTE FOR INFORMATION**

**I PREPARED FOR: Premier John Horgan**

**II ISSUE:** *Meeting with Haisla Nation Council representatives Crystal Smith, Chief Councilor, Kevin Stewart, Councilor, and Jason Majore, Chief Executive Officer, on Wednesday, January 23 at 2:15 pm during the BC Natural Resources Forum, Prince George, BC.*

**III BACKGROUND:**

- Haisla Nation Council (HNC) is elected every two years and consists of ten Councilors and one Chief Councilor, elected on a separate ballot. Council is responsible for setting and managing the Nation's budget and for representing the Haisla people in dealings with Canada and British Columbia.
- HNC is supportive of the LNG Canada project, a proposed four-train, 26 million tonnes per annum liquefaction project located near Kitimat. The current focus of the project is on the first phase, which consists of two trains totaling 13 million tonnes per annum of capacity. It has received environmental approval from both the provincial and federal government and is fully permitted – including the first LNG Facility Permit issued by the BC Oil and Gas Commission. By using hydroelectricity for all of its ancillary needs, LNG Canada would be the least GHG-intensive large LNG facility in the world.
- The Province is committed to working closely with First Nations on issues related to natural gas development and the building of an LNG industry, and supports LNG development –with four conditions, including the need for projects to respect and make partners with First Nations.
- HNC has requested a meeting with Premier Horgan during the BC Natural Resources Forum to discuss key issues relating to LNG development.

**IV DISCUSSION:**

- Chief Councilor Crystal Smith is expected to raise three key matters with Premier Horgan.

1. Funding for First Nations LNG Alliance

The First Nations LNG Alliance is a collective of First Nations who are participating in, and supportive of, sustainable and responsible LNG development in BC.

s.13

**Commented [CME1]:** Emmy, can you please review for accuracy/appropriateness. Thanks.



s.13

*Proposed response:*

- *The Province has been pleased to support the First Nations LNG Alliance for the past few years.*
- *We do not anticipate problems with contributing to the 2019 budget for this year, but recommend that a budget proposal be submitted to the Ministry of Energy, Mines and Petroleum Resources so that the Ministry can review and discuss the proposal with other ministries.*
- *The Province is pleased to support the First Nations LNG Alliance's engagement efforts for LNG development generally. Promotional material about specific projects is best led by the First Nations LNG Alliance as part of its suite of initiatives and/or LNG Canada and Coastal GasLink.*

s.13; s.16

*Proposed response:*

- *Janet to complete*

**Commented [CME2]:** Janet, please include key messages and any additional background. Thanks!

3. Crystal Smith, Chief Councilor and two to three other supportive chiefs are seeking to hold a brief press event at the forum Wednesday morning to re-state their support for Coastal GasLink project and to thank Premier Horgan for his recent comments supporting the project.

*Proposed response:*

- *Thank you for your comments earlier this morning. The Province's support for the project was a result of careful assessment of the project against the Four Conditions for LNG Development, and in particular, the need for projects to respect and make partners with First Nations.*

## **V CONCLUSION:**

- The Province has a respectful relationship with HNC, and looks forward to continuing to engage on a number of matters relating to LNG Canada and other matters over the coming year.

**DRAFTED BY:**

Michelle Carr  
Assistant Deputy Minister  
LNG Canada Implementation  
Ministry of Energy, Mines  
and Petroleum Resources  
250-882-1473

**APPROVED BY:**

Date:  
Cliff No.:

**MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**  
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**I PREPARED FOR: Premier John Horgan**

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- The Province is committed to working closely with First Nations on issues related to natural gas development and the building of an LNG industry, and supports LNG development –with four conditions, including the need for projects to respect and make partners with First Nations.
- HNC has requested a meeting with Premier Horgan during the BC Natural Resources Forum to discuss key issues relating to LNG development.

**IV DISCUSSION:**

- Chief Councilor Crystal Smith is expected to raise three key matters with Premier Horgan.

1. Funding for First Nations LNG Alliance

The First Nations LNG Alliance is a collective of First Nations who are participating in, and supportive of, sustainable and responsible LNG development in BC.

The Ministry of Energy, Mines and Petroleum Resources has provided \$45,000 per year for the past two years to the First Nations LNG Alliance. Natural Resources Canada has also contributed funding. Recently, the First Nations LNG Alliance hosted a series of regional engagement sessions at the request of the Province.

**Commented [CME1]:** Emmy, can you please review for accuracy/appropriateness. Thanks.

It is anticipated that the Province will be asked to fund (whole or in part) the First Nations LNG alliance for 2019, plus contribute to the cost of producing and distributing an LNG Canada/Coastal GasLink information circular to households along the Coastal GasLink pipeline route that would explain the project, its benefits, employment and training opportunities and how to access them.

*Proposed response:*

- *The Province has been pleased to support the First Nations LNG Alliance for the past few years.*
- *We do not anticipate problems with contributing to the 2019 budget for this year, but recommend that a budget proposal be submitted to the Ministry of Energy, Mines and Petroleum Resources so that the Ministry can review and discuss the proposal with other ministries.*
- *The Province is pleased to support the First Nations LNG Alliance's engagement efforts for LNG development generally. Promotional material about specific projects is best led by the First Nations LNG Alliance as part of its suite of initiatives and/or LNG Canada and Coastal GasLink.*

2. s.13; s.16

*Proposed response:*

- Janet to complete

**Commented [CME2]:** Janet, please include key messages and any additional background. Thanks!

- BC Hydro has recently initiated projects to reinforce the electricity transmission system to Kitimat, including
    - o refurbishing the existing transmission line between Terrace and Kitimat, and
    - o upgrading the Minette substation at Kitimat to supply phase 1 of the LNG Canada project
  - BC Hydro is also actively working with several other companies who would take service around the Kitimat area. Once these companies make their investment decisions, BC Hydro will undertake the transmission system upgrades necessary to serve them.
3. Crystal Smith, Chief Councilor and two to three other supportive chiefs are seeking to hold a brief press event at the forum Wednesday morning to re-state their support for Coastal GasLink project and to thank Premier Horgan for his recent comments supporting the project.

*Proposed response:*

- *Thank you for your comments earlier this morning. The Province's support for the project was a result of careful assessment of the project against the Four Conditions for LNG Development, and in particular, the need for projects to respect and make partners with First Nations.*

## **V CONCLUSION:**

- The Province has a respectful relationship with HNC, and looks forward to continuing to engage on a number of matters relating to LNG Canada and other matters over the coming year.

### **DRAFTED BY:**

Michelle Carr  
Assistant Deputy Minister  
LNG Canada Implementation  
Ministry of Energy, Mines  
and Petroleum Resources  
250-882-1473

### **APPROVED BY:**



Date, 2020

Ref.: 108855

Chief Councillor Crystal Smith

Email: [cringham@haisla.ca](mailto:cringham@haisla.ca)

Cc: [reception@haisla.ca](mailto:reception@haisla.ca)  
[Dave.Nikolejsin@gov.bc.ca](mailto:Dave.Nikolejsin@gov.bc.ca)  
[Michelle.Carr@gov.bc.ca](mailto:Michelle.Carr@gov.bc.ca)  
[Simon.coley@gov.bc.ca](mailto:Simon.coley@gov.bc.ca)  
[David.coney@gov.bc.ca](mailto:David.coney@gov.bc.ca)

Dear Chief Councillor Smith:

I am writing to express my appreciation to Haisla Nation for your interest in meeting with the Minister of Energy, Mines and Petroleum Resources (EMPR) at the November 29-30, 2019 BC Cabinet and First Nations Leaders' Gathering (FNLG), which took place on the traditional territories of the Musqueam, Squamish, and Tsleil-Waututh First Nations.

I attended the FNLG meeting between Haisla Nation ("Haisla"), EMPR and the Ministry of Jobs, Trade and tourism (JTT) in my former role as Minister of JTT. I have since been appointed as the Minister of Energy Mines and Petroleum Resources (EMPR), replacing former Minister Michelle Mungall. I am excited to take on this new role and look forward to continuing to build and strengthen relationships between Indigenous Leaders and EMPR, following in the footsteps of Minister Mungall.

In our FNLG meeting we heard that Haisla is advancing the proposed Cedar LNG project, and that Haisla has filed an Environmental Assessment with both BC and Canada. I am supportive of this initiative which has the potential to create new revenue streams for both Haisla and the Province while simultaneously creating meaningful employment in the region.

In our meeting representatives from Haisla expressed interest in training programs to support employment opportunities for members on projects occurring within Haisla territories. I understand that Michelle Carr, Assistant Deputy Minister, LNG Canada Implementation Secretariat has followed up on this matter with you and that the discussions respecting training programs for Haisla Nation and other Indigenous Nations impacted by the LNG Canada project are underway.

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**Ministry of  
Energy, Mines and  
Petroleum Resources**

**Office of the Minister**

**Mailing Address:  
PO Box 9052, Stn Prov Govt  
Victoria, BC V8W 9E2**

**Telephone: 250 953-0900  
Facsimile: 250 356-2965**

It is through collaboration with Indigenous Nations and organizations that the Province can give effect to its commitments of enhancing our relationships with Indigenous peoples in British Columbia.

If you have any questions or require additional information regarding the meeting at the 2019 FNLG, please contact David Coney, Director, Indigenous Affairs Branch, by email at [David.coney@gov.bc.ca](mailto:David.coney@gov.bc.ca) or by phone at 778 698-3991.

Sincerely,

Bruce Ralston  
Minister

## ADVICE TO MINISTER

<p><b>CONFIDENTIAL</b> <b>GCPE-MEMLI ISSUE NOTE</b></p> <p>Ministry of Energy, Mines and Low Carbon Innovation Date: June 7, 2021 Minister Responsible: Hon. Bruce Ralston</p>	<p><b>Cedar LNG - Pembina 50% stake</b></p>
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### ADVICE AND RECOMMENDED RESPONSE:

- I am aware Pembina Pipeline Corporation (Pembina) will take approximately a 50% stake in the Cedar LNG project near Kitimat, B.C.
- The Haisla Nation is the original developer of the project and continues to hold the other 50% stake.
- The Haisla have conducted engagement with surrounding First Nations to ensure regional support for Cedar LNG.
- I understand this project will be fully electric drive.
- Our government supports all LNG projects that meet our four conditions for LNG development:
  - Guarantee a fair return for B.C.'s natural resources.
  - Guarantee jobs and training opportunities for British Columbians.
  - Respect and make partners of First Nations.
  - Protect B.C.'s air, land and water, including living up to the Province's climate commitments.

### *IF ASKED ABOUT THE IEA NET ZERO REPORT:*

- The IEA's net-zero study is an important contribution to our understanding of how we could keep global warming to 1.5 degrees Celsius.
- Our Government is committed to strong climate action through CleanBC, which includes actions across sectors to reduce emissions and build a low-carbon economy for everyone.
- Investments in future LNG projects are largely market decisions – and companies are increasingly taking into account the global clean energy transformation currently underway.



## ADVICE TO MINISTER

- **Our government has been clear. If any proponent wants to develop future LNG projects, they should show us and the people of B.C. how they will reduce and eliminate emissions or how the sector overall will reduce and eliminate emissions – in order to ensure they fit within our CleanBC plan.**

### Background:

- The Cedar LNG project is a proposed floating LNG export facility located in Kitimat within the traditional territory of the Haisla Nation. The facility is anticipated to have an export capacity of 3 to 4 million tonnes per annum.
- The project was initially proposed by the Haisla Nation. In November 2020, the Haisla Nation announced partnership on the Cedar LNG project with Pacific Traverse Energy (PTE), a Vancouver-based energy infrastructure development company, and Delfin Midstream, an LNG export development company specializing in low-cost floating LNG technology. PTE and Delfin Midstream would work as the developers for the majority Haisla-owned project.
- With the acquisition by Pembina, Delfin and PTE will no longer be a part of the project.
- As well, Pembina will be taking over as operator of the project.
- The project is engaging with BC's Environmental Assessment Office (EAO) in its Environmental Assessment Certificate (EAC) application following its initial project description submission in August 2019.
- Cedar LNG continues to engage with the EAO and is in the public comment and engagement period with virtual town halls with the Kitimat and Terrace communities scheduled next week.
- To minimize impact to the local environment, Cedar LNG is planned as a floating liquefaction facility that would fully utilize electricity from the BC Hydro grid as the power source for the liquefaction of natural gas for export.
- The facility would draw its feedstock gas from the Coastal GasLink (CGL) pipeline. Cedar LNG has been working with TC Energy to develop the Cedar Connector pipeline that would connect CGL to the Cedar LNG facility. This pipeline does not trigger the requirements for an EAC and all required permitting would be through the Oil and Gas Commission.
- Forecasted to cost C\$1.8-2.5 billion, the project could employ 350-500 construction workers and create 70-100 permanent operation jobs.
- Cedar LNG hopes to make a positive Final Investment Decision in 2023 with first export in 2027.

Communications Contact: Sarah Budd  
Program Area Contact: Mark Urwin  
File Created: June 7, 2021

250 818-5613

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s.21

**MINISTRY OF ENERGY, MINES AND LOW CARBON INNOVATION**

**BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable Bruce Ralston, Minister of Energy, Mines and Low Carbon Innovation

**ISSUE:** Meeting with the Haisla Nation/Chief Crystal Smith

**KEY MESSAGES/SUMMARY:**

- The Haisla Nation is an integral part of LNG Canada's success.
- Chief Crystal Smith has a close relationship with the Ministry of Energy, Mines, and Low Carbon Innovation's (EMLI) LNG Canada Implementation Secretariat (Secretariat).
- The Haisla Nation has a strong working relationship with LNG Canada, as well as the District of Kitimat.
- The Haisla Nation is benefitting as the result of LNG Canada. Over \$2.9 billion has been awarded in contracts and procurement for Haisla Nation, other Indigenous Nations and local companies on the project.
- The Haisla are implementing lessons learned from their work on LNG Canada and developing additional economic opportunities. This includes the Cedar LNG project.

**MINISTRY RESPONSE:**

The participation and support of the Haisla Nation has been an integral part of the progress happening on the LNG Canada project. The benefits from the project are far reaching, in large part due to the leadership of Chief Crystal Smith, her council, and the Haisla Nation.

**BACKGROUND:**

The Haisla Nation has been consistently supportive of the LNG Canada export facility which sits upon their territory and impacts their aboriginal rights and title. As noted in the 2015 Minister's decision letter regarding the issuance of the facility's Environmental Assessment Certificate (EAC), Haisla participated fully in the consultations that took place and wrote a separate submission of support.

Haisla has confidential benefits agreements with both LNG Canada and Coastal GasLink.

s.13

Chief Smith is a project advocate and sought-after speaker. She often speaks at energy-related events about the positives of LNG Canada and the Haisla's transition from managing poverty to managing prosperity.

Nearly half of the 1,700 Haisla live in Kitimat Village at the head of the Douglas Channel, with most others residing in the region or Vancouver.

Chief Smith is also Chair of the First Nations LNG Alliance (FNLNGA). The Secretariat has a strong business relationship with the FNLNGA that further informs the provincial government about the perspectives Indigenous Nations have about the LNG industry in British Columbia. For fiscal year 2022/23, the FNLNGA will receive up to \$160,000 operational funding support under an agreement administered by the Secretariat. Funding is flowed from the IRR's Indigenous Funding Program. The FNLNGA also receives funding from the federal government.

## **DISCUSSION:**

Chief Crystal Smith has a close relationship with EMLI through the Secretariat. Meetings occur regularly, with the most recent discussion taking place on June 24, 2022. During that meeting, Chief Smith advised that her working relationship with LNG Canada remains positive. She was appreciative of an early discussion with LNG Canada's recently appointed new Chief Executive Officer, Jason Klein.

A stronger connection has also been established between Haisla and the District of Kitimat since establishing the Community Economic Development Initiative (CEDI) in March 2022 - one of eight partnerships in Canada to embark on a two-year First Nation-municipal collaboration program (Attachment 4).

The Haisla Nation has significantly increased economic development through their work with LNG Canada, with multiple joint ventures and contracts on the project. These involve work on marine habitat offsets, site preparation, tree clearing and communications and surveillance. One major project involves a contract of approximately \$500 million over 12 years, with LNG Canada supporting a partnership between the Haisla Nation and North Vancouver-based Seaspan ULC – a joint venture known as HaiSea Marine - to build and operate escort tugs/harbour tugs required for the export facility. The vessels will use battery-electric power and natural gas instead of diesel fuel, forming one of the greenest tug fleets ever assembled.

LNG Canada reports that over \$2.9 billion has been awarded in contracts and procurement for Haisla Nation, other Indigenous Nations and local companies on the project.

The Haisla are also implementing learnings from the LNG Canada project into their own majority owned projects, including the Cedar LNG project, which is currently undergoing an Environmental Assessment.

Through direct conversations with the Secretariat, and the engagement process the Ministry of Municipal Affairs conducts to monitor socio-economic effects, the Haisla have raised concerns about long-term childcare supports and housing resources in Kitimat.

## **CONCLUSION:**

- The Province of British Columbia applauds the leadership of Chief Crystal Smith and the Haisla Nation.
- The EMLI/Secretariat value the Haisla's input on the development of LNG Canada, and matters of interest in the local area, including childcare and housing.

## **Attachments:**

Attachment 1: Biography – Chief Crystal Smith of Haisla Nation

Attachment 2: Haisla Council

Attachment 3: Chief Smith op ed

Attachment 4: News Release – Haisla/DOK economic collaboration

### **DRAFTED BY:**

Nicole Edgington✓  
Senior Policy Analyst  
LNG Canada Implementation  
Secretariat

### **APPROVED BY:**

Darren Beaupre, Director, LNGCIS ✓  
Deborah Bowman, ADM, LNGCIS ✓  
Fazil Mihlar, DM, EMLI ✓

## **Attachment 1 - Biography Chief Crystal Smith**

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*Crystal Smith, Chief Councillor Haisla Nation/Chair of the First Nations LNG Alliance*

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## **Attachment 2 - Council Members**

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*Taylor Cross, Councillor, and Stakeholder Relations committee member*

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*Brenda Duncan, Councillor, Executive Committee Member*

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*Dayna Grant, Councillor, Executive Committee Member*

*Harold J. Stewart., Councillor*

*Alexander J. Grant Jr., Councillor*

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*Raymond 'Sonny' Duncan-Green, Councillor, Executive Committee member*

Copyright

*Arthur Renwick, Deputy Chief Councillor, Chair of the Executive Committee*

\_\_\_\_\_ *Joseph Starr, Councillor, Executive Committee member*

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*Kevin Stewart Councillor, Chair of Stakeholder Relations Committee*

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*Keith Nyce, Councilor, Stakeholder Relations Committee member*



**Attachment 3 – Chief Smith op ed**

**If Mark Ruffalo cared about First Nations like mine, he'd defend natural gas projects**

**Crystal Smith, Special to National Post**

Publishing date:

Mar 29, 2022

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**Attachment 4: News Release – Haisla/DOK economic collaboration**

**FOR IMMEDIATE DISTRIBUTION**

**HAISLA NATION AND DISTRICT OF KITIMAT TO PARTICIPATE IN CEDI  
PROGRAM TO FOSTER ECONOMIC COLLABORATION**

**Kitamaat/Kitimat BC, March 28, 2022** – <sup>Copyright</sup>

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**For More Information:**

Tony Brady  
Director of Economic Development  
Haisla Nation  
250-632-6151  
[tbrady@haisla.ca](mailto:tbrady@haisla.ca)

Maggie Hall  
Director of Economic Dev & Comms  
District of Kitimat  
250-632-8900  
[mhall@kitimat.ca](mailto:mhall@kitimat.ca)

## **FW: Heads up - Cedar LNG project referred to ministers for decision**

---

**From:** Leslie, Sean GCPE:EX <Sean.Leslie@gov.bc.ca>  
**To:** Beaupre, Darren EMLI:EX <Darren.Beaupre@gov.bc.ca>, Kirby, Katherine EMLI:EX <Katherine.Kirby@gov.bc.ca>, Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
**Cc:** Plummer, Glen GCPE:EX <Glen.Plummer@gov.bc.ca>  
**Sent:** November 17, 2022 10:42:13 AM PST  
**Attachments:** image001.png, image002.png, IN\_EAO\_CedarLNG\_referral\_2022-10-16\_final.docx

Hi all, just FYI on the attached IN, cheers.  
Sean

---

**From:** Plummer, Glen GCPE:EX <Glen.Plummer@gov.bc.ca>  
**Sent:** November 17, 2022 9:49 AM  
**To:** Sovka, David GCPE:EX <David.Sovka@gov.bc.ca>  
**Cc:** Leslie, Sean GCPE:EX <Sean.Leslie@gov.bc.ca>  
**Subject:** FW: Heads up - Cedar LNG project referred to ministers for decision


FYI

**Glen Plummer**  
**Communications Manager**  
**Ministry of Energy, Mines and Low Carbon Innovation**  
**250 952-0559 office**  
**250 213-5667 cell**

---

**From:** Plank, Sarah EAO:EX <Sarah.Plank@gov.bc.ca>  
**Sent:** November 16, 2022 4:56 PM  
**To:** Lowe, Sonia GCPE:EX <Sonia.Lowe@gov.bc.ca>; Leslie, Sean GCPE:EX <Sean.Leslie@gov.bc.ca>  
**Cc:** Plummer, Glen GCPE:EX <Glen.Plummer@gov.bc.ca>; Patrick, Andrew GCPE:EX <Andrew.Patrick@gov.bc.ca>; Karn, David GCPE:EX <David.Karn@gov.bc.ca>; Thompson, Josh EAO:EX <Josh.Thompson@gov.bc.ca>  
**Subject:** RE: Heads up - Cedar LNG project referred to ministers for decision

Hi all – here is the issues note for your reference. Thanks, Sarah.

**SARAH PLANK**  
Executive Director, Communications & Engagement  
Environmental Assessment Office  
Government of British Columbia  
OFFICE: 250-952-1889  
MOBILE: 250-208-9621  
 [Twitter.com/BC\\_EAO](https://twitter.com/BC_EAO)

**EAO** | Environmental  
Assessment Office

***The EAO respectfully acknowledges that it carries out its work on the traditional territories of Indigenous nations throughout British Columbia.***

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**From:** Plank, Sarah EAO:EX

**Sent:** November 16, 2022 3:54 PM

**To:** Sonia GCPE:EX Lowe ([Sonia.Lowe@gov.bc.ca](mailto:Sonia.Lowe@gov.bc.ca)) <[Sonia.Lowe@gov.bc.ca](mailto:Sonia.Lowe@gov.bc.ca)>; Leslie, Sean GCPE:EX ([Sean.Leslie@gov.bc.ca](mailto:Sean.Leslie@gov.bc.ca)) <[Sean.Leslie@gov.bc.ca](mailto:Sean.Leslie@gov.bc.ca)>

**Cc:** Glen GCPE:EX Plummer ([Glen.Plummer@gov.bc.ca](mailto:Glen.Plummer@gov.bc.ca)) <[Glen.Plummer@gov.bc.ca](mailto:Glen.Plummer@gov.bc.ca)>; Andrew GCPE:EX Patrick ([Andrew.Patrick@gov.bc.ca](mailto:Andrew.Patrick@gov.bc.ca)) <[Andrew.Patrick@gov.bc.ca](mailto:Andrew.Patrick@gov.bc.ca)>; David Karn <[David.Karn@gov.bc.ca](mailto:David.Karn@gov.bc.ca)>; Thompson, Josh EAO:EX <[Josh.Thompson@gov.bc.ca](mailto:Josh.Thompson@gov.bc.ca)>

**Subject:** Heads up - Cedar LNG project referred to ministers for decision

Hi all – just a quick note to let you know that the EAO has referred the Cedar LNG project to your two ministers for the decision on whether or not they will issue the project an environmental assessment certificate, which would approve the project to proceed if granted. This is the floating LNG facility and export terminal proposed for Kitimat by Cedar LNG Partners LP, a Haisla Nation majority-owned partnership. The EAO conducted the assessment on behalf of the federal government as well, as federal approvals are also required, and the assessment report has also been provided to federal decision-makers as well. The legislated timeline for decision is 45 days, but this can be extended if needed. s.13

s.13

A general issues note on the referral will be coming your way before the end of the day.

Please let me know if you have any questions.

Thanks,  
Sarah.

#### **SARAH PLANK**

Executive Director, Communications & Engagement

Environmental Assessment Office

Government of British Columbia

OFFICE: 250-952-1889

MOBILE: 250-208-9621

 [Twitter.com/BC\\_EAO](https://twitter.com/BC_EAO)



***The EAO respectfully acknowledges that it carries out its work on the traditional territories of Indigenous nations throughout British Columbia.***

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Environmental Assessment Office, Ministry of Environment and Climate Change Strategy  
16 November, 2022

## **REFERRAL TO MINISTERS** **CEDAR LNG PROJECT**

### **Key Messages:**

- The Environmental Assessment Office has completed a thorough assessment of the Cedar LNG project, a proposed floating liquified natural gas facility in Kitimat.
- The Environmental Assessment Office has provided the final assessment report and supporting materials to B.C.'s Ministers of Environment, and Energy and Mines so they can make a decision on whether or not the project should be approved to proceed.
- The materials were also provided to the federal Minister of Environment and Climate Change to inform the federal decision, as the Environmental Assessment Office's review is being used for both governments' decisions.
- The public had a chance to review the draft materials prepared for decision-makers and provided input on them in September and October – the materials were revised to reflect this final public input.
- Some Indigenous nations independently assessed the potential project effects to their interests and rights, while others chose to collaborate with the Environmental Assessment Office on their assessments. These were also included in final materials for decision-makers.

• s.13

**Background:**

- On August 30, 2019, Cedar LNG Partners LP (Cedar) (a Haisla majority-owned partnership with Pembina Pipeline Corporation) applied to the EAO for an Environmental Assessment Certificate (EAC) to develop, construct and operate the Cedar LNG Project (Cedar LNG), a floating liquefied natural gas (LNG) facility and marine export terminal, including related infrastructure, on Haisla Nation-owned land, in Kitimat.
- The EAO has prepared final materials for decision-makers (in this case, the ministers of Environment and Climate Change Strategy and Energy, Mines and Low Carbon Innovation).
- Proposed provincial conditions (proposed requirements to include in the certificate if the project is approved by ministers to proceed) include:
  - A construction environmental management plan
  - A greenhouse gas reduction plan
  - A community feedback process for Cedar to receive, address, and report on community concerns from the Project
  - A marine transportation communication report, requiring communication processes between Cedar and Indigenous nations related to Cedar LNG activities
  - A health and medical services plan to reduce impacts to local services
  - A socioeconomic management plan, prioritizing local hiring, gender equity and diversity employment, and to limit effects on local infrastructure and services
  - A requirement for baseline soil sampling and additional mitigation and monitoring, if elevated levels of contaminants are found
  - A requirement that Cedar participate in regional cumulative effects initiatives related to air emissions, socioeconomic effects and marine shipping
- The B.C. EAO is carrying out the assessment on behalf of the federal government under a “substitution agreement.” This means the one assessment carried out by the EAO will be used for decisions by both levels of government, eliminating the duplication of two assessments for a single project.
- As part of the substitution agreement, the EAO’s assessment also recommends federal Mitigation Measures and Follow-up Programs. Follow-up programs require monitoring to verify the predictions in the EA as well as the development and implementation of modified or additional Mitigation Measures if results of the monitoring demonstrate that additional Mitigation Measures are required to mitigate adverse federal effects. These inform federal conditions that would be required if the project were approved to proceed. These measures include:
  - Freshwater fish mitigations
  - Marine resources Follow-up Program and mitigations to covering communication and effects on Indigenous marine use, harvesting and access to important sites
  - Wildlife mitigations
  - Implementation of a community feedback process
  - Air quality Follow-up Program and mitigations
  - Acoustics Follow-up Program and mitigations to address noise from the facility
  - Wildlife and wetlands Follow-up Programs and mitigations
  - Marine use Follow-up Program and mitigations including a marine transportation management plan to address effects Indigenous fisheries and other marine use
  - Employment and economy mitigations, including prioritizing local and Indigenous hiring



- Infrastructure and services Follow-up Program and mitigations to reduce potential effects to local infrastructure and services (including housing)
  - Human and community well-being mitigations, including a gender equity and diversity program and a Follow-up Program on GBA Plus
  - Greenhouse gas Follow-up Program and mitigations
- The EAO recently held a public comment period from September 21 to October 14 on the draft assessment materials for decision-makers, which included the EAO's Assessment Report, Table of Conditions, Project Description, and the Impact Assessment Agency of Canada's (IAAC) draft potential federal Conditions with Description of Designated Project. Public comments were reflected in the final decision materials.
- Gitxaʼan Nation, Kitselas First Nation and the Coast Tsimshian (Lax Kw'alaams Band and Metlakatla First Nation) independently assessed the potential project effects to their interests and rights, while Haisla Nation, Gitga'at First Nation, Kitsumkalum First Nation and Haida Nation collaborated with the EAO to co-draft their assessments. All of these assessments are included in the final assessment report referred to ministers.
- s.13; s.16  
s.13; s.16                               The 180-day Application Review ended on August 3, 2022.  
A time limit extension of 106 days to provide time for the public comment period and for issues resolution was retroactively issued on November 16, 2022.
- Final decision materials were forwarded to provincial ministers and the federal Minister of Environment and Climate Change for decision on November 16, 2022.
- Under provincial legislation, ministers have 45 days (December 31, 2022) to make a decision on whether or not to issue an environmental assessment certificate for the project.
- s.13; s.16

Communications Contact: Sarah Plank  
Program Area Contact: Fern Stockman

250 208-9621  
250 889-0417

## FW: [EXTERNAL] RE: New Project in support of Cedar LNG

---

From: Kiel Giddens <kiel\_giddens@tcenergy.com>  
To: Kirby, Katherine EMLI:EX <Katherine.Kirby@gov.bc.ca>, Beaupre, Darren  
EMPR:EX <Darren.Beaupre@gov.bc.ca>, Beaupre, Darren EMLI:EX  
<Darren.Beaupre@gov.bc.ca>  
Sent: November 29, 2022 5:50:14 PM PST  
Attachments: image005.png, image001.png, image004.png

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Kathy and Darren, I had shared this update at yesterday's meeting, but wanted to pass along the email from the EAO in case you are asked about this.

Kiel Giddens  
Project Director, Public Affairs | British Columbia  
Coastal GasLink Pipeline Project  
Office: 250-596-8058

[TCEnergy.com](https://www.tcenergy.com)

---

**From:** Stockman, Fern P EAO:EX <Fern.Stockman@gov.bc.ca>  
**Sent:** Friday, November 25, 2022 4:22 PM  
**To:** Dan Wyman <dan\_wyman@tcenergy.com>; Anderson, Leith EAO:EX <Leith.Anderson@gov.bc.ca>  
**Cc:** Joel Forrest <joel\_forrest@tcenergy.com>; Allison Denby <allison\_denby@tcenergy.com>; Matthew Ducharme <matthew\_ducharme@tcenergy.com>; Kiel Giddens <kiel\_giddens@tcenergy.com>  
**Subject:** [EXTERNAL] RE: New Project in support of Cedar LNG

Some people who received this message don't often get email from [fern.stockman@gov.bc.ca](mailto:fern.stockman@gov.bc.ca). [Learn why this is important](#)

**EXTERNAL EMAIL: PROCEED WITH CAUTION.**

This e-mail has originated from outside of the organization. Do not respond, click on links or open attachments unless you recognize the sender or know the content is safe. If this email looks suspicious, report it.

---

Hi Dan,

Thank you for providing the additional information below. s.13  
s.13

Should you have any questions, feel free to reach out.  
Best,  
Fern

---

**From:** Dan Wyman <dan\_wyman@tcenergy.com>  
**Sent:** November 23, 2022 9:59 AM  
**To:** Stockman, Fern P EAO:EX <Fern.Stockman@gov.bc.ca>; Anderson, Leith EAO:EX <Leith.Anderson@gov.bc.ca>

**Cc:** Joel Forrest <[joel\\_forrest@tcenergy.com](mailto:joel_forrest@tcenergy.com)>; Allison Denby <[allison\\_denby@tcenergy.com](mailto:allison_denby@tcenergy.com)>; Matthew Ducharme <[matthew\\_ducharme@tcenergy.com](mailto:matthew_ducharme@tcenergy.com)>; Kiel Giddens <[kiel\\_giddens@tcenergy.com](mailto:kiel_giddens@tcenergy.com)>

**Subject:** CGL: New Project in support of Cedar LNG

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

s.13; s.21

s.13



---

Dan Wyman  
**Manager, Regulatory Services**  
Coastal GasLink

[dan\\_wyman@transcanada.com](mailto:dan_wyman@transcanada.com)

**mobile:** 403-869-3113 **desk:** 403-920-6296



450 – 1 Street S.W. Calgary, AB  
Canada, T2P 5H1

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## **Fwd: TRANSITION MATERIAL: Immediate priorities and clarification**

---

From: Miller, Kyla EMPR:EX <Kyla.Miller@gov.bc.ca>  
To: Manahan, Suzanne EMPR:EX <Suzanne.Manahan@gov.bc.ca>  
Cc: Langlais, Danielle EMPR:EX <Danielle.Langlais@gov.bc.ca>  
Sent: October 9, 2020 10:45:17 AM PDT  
Received: October 9, 2020 10:45:18 AM PDT  
Attachments: EMPR projects table early draft (for DM) v2.docx, EMPR.docx, image001.jpg, ATT00003.htm, ATT00002.htm, ATT00001.htm

FYI

Begin forwarded message:

**From:** "Forman, Ryan EMPR:EX" <Ryan.Forman@gov.bc.ca>  
**Date:** October 9, 2020 at 9:04:14 AM PDT  
**To:** "Carr, Michelle EMPR:EX" <Michelle.Carr@gov.bc.ca>, "Trumpy, Chris EMPR:EX" <Chris.Trumpy@gov.bc.ca>, "MacLaren, Les EMPR:EX" <Les.MacLaren@gov.bc.ca>, "Robb, Peter L. EMPR:EX" <Peter.Robb@gov.bc.ca>, "Amann-Blake, Nathaniel EMPR:EX" <Nathaniel.Amann-Blake@gov.bc.ca>, "Coley, Simon J EMPR:EX" <Simon.Coley@gov.bc.ca>, "Manahan, Suzanne EMPR:EX" <Suzanne.Manahan@gov.bc.ca>, "Mah-Paulson, May EMPR:EX" <May.Mah-Paulson@gov.bc.ca>  
**Cc:** "Perrins, Greg EMPR:EX" <Greg.Perrins@gov.bc.ca>, "Jang, Monica EMPR:EX" <Monica.Jang@gov.bc.ca>, "Cochrane, Marlene EMPR:EX" <Marlene.Cochrane@gov.bc.ca>, "Moughtin, Kyla M EMPR:EX" <Kyla.Moughtin@gov.bc.ca>, "Mihlar, Fazil EMPR:EX" <Fazil.Mihlar@gov.bc.ca>, "Janes, Darci EMPR:EX" <Darci.Janes@gov.bc.ca>, "Leinweber, Rachelle R EMPR:EX" <Rachelle.Leinweber@gov.bc.ca>, "Miller, Kyla EMPR:EX" <Kyla.Miller@gov.bc.ca>, "Lewis, Susan L EMPR:EX" <Susan.Lewis@gov.bc.ca>, "Hunt, Melanie EMPR:EX" <Melanie.Hunt@gov.bc.ca>, "Musgrove, Kate EMPR:EX" <Kate.Musgrove@gov.bc.ca>, "Andrews, Sarah EMPR:EX" <Sarah.Andrews@gov.bc.ca>, "Schmidt, Cathy A EMPR:EX" <Cathy.Schmidt@gov.bc.ca>, "Prince, Tiffany EMPR:EX" <Tiffany.Prince@gov.bc.ca>, "Mihlar, Fazil EMPR:EX" <Fazil.Mihlar@gov.bc.ca>  
**Subject:** TRANSITION MATERIAL: Immediate priorities and clarification

Morning all

In our attempt to send around an annotated list of approved 30/60/90 notes and significant issues notes I believe it could have been clearer. Here is the next go...

There are 2 immediate transition related items that divisions should be focused on. I understand there is a lot of material and process right now, please call me directly if you need further support.

s.13

2. Projects List (attached): Needs review **EOD Oct 09 TODAY**

- a. Thanks for everyone's contributions thus far.
- b. This is for a meeting DM has scheduled for Monday. The final will be due for transition binder on Oct 20. We have some time to iterate further.
- c. DM had a few edits and formatting changes that we have incorporated
- d. Simon and I took a first shot at colour coding per DM request. I need your teams to take a look at this and send me and Kyla back any changes today. This is a judgement call.
- e. If you see line items of yours that are missing capex please add if you have it available. Peter – I did add for KSM
- f. Michelle – we will add in your submission in short order (thank you!) , it isn't reflected in this table as of yet.

I have attached it if you would rather comment... the link to LAN is here, whatever is easier for you... s.15

s.15

Hope you all have a great long weekend



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s.12 ; s.13

Page 019 of 120 to/à Page 020 of 120

Withheld pursuant to/removed as

s.13

**Ryan Forman**

Executive Director, Strategic Initiatives Branch

Ministry of Energy, Mines and Petroleum Resources

Office: 778 698-7248

Cell: 250 213-2774

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s.12 ; s.21



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## Project Partners

LNG Partners brings together the Haisla Nation, Pacific Traverse Energy and Delfin Midstream to develop the Cedar LNG Project.



Keep in touch by visiting [cedarlng.com](https://cedarlng.com)  
and by subscribing to the Cedar LNG newsletter.



## RE: Meeting Request - with Cedar LNG May 4th

---

From: Leinweber, Rachelle R EMLI:EX <Rachelle.Leinweber@gov.bc.ca>  
To: Blazicevic, Bree-Ana EMLI:EX <Bree-Ana.Blazicevic@gov.bc.ca>  
Cc: Janes, Darci EMLI:EX <Darci.Janes@gov.bc.ca>, Courtnall, Andrea EMLI:EX <Andrea.Courtnall@gov.bc.ca>, Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>  
Sent: April 22, 2022 12:02:38 PM PDT  
Received: April 22, 2022 12:02:40 PM PDT  
Attachments: image001.png

Thank you everyone. I will set out a meeting invite for May 4<sup>th</sup> 11am-12pm. I've been told only Les and Nate need to stay for the full hour. This first ½ hour will be for all the ADMs.



*Rachelle Leinweber  
Executive Assistant  
Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
Phone: 778 974 2137 email: [rachelle.leinweber@gov.bc.ca](mailto:rachelle.leinweber@gov.bc.ca)*

---

**From:** Blazicevic, Bree-Ana EMLI:EX <Bree-Ana.Blazicevic@gov.bc.ca>  
**Sent:** April 22, 2022 11:53 AM  
**To:** Leinweber, Rachelle R EMLI:EX <Rachelle.Leinweber@gov.bc.ca>  
**Cc:** Janes, Darci EMLI:EX <Darci.Janes@gov.bc.ca>; Courtnall, Andrea EMLI:EX <Andrea.Courtnall@gov.bc.ca>; Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>  
**Subject:** RE: Meeting Request - with Cedar LNG May 4th

Simon can make the original ask of 10-11am work, can move his 11-11:30 meeting, and can make 2-3pm work ☺

Thanks,  
Bree

---

**From:** Courtnall, Andrea EMLI:EX <[Andrea.Courtnall@gov.bc.ca](mailto:Andrea.Courtnall@gov.bc.ca)>  
**Sent:** April 22, 2022 11:41 AM  
**To:** Janes, Darci EMLI:EX <[Darci.Janes@gov.bc.ca](mailto:Darci.Janes@gov.bc.ca)>; Leinweber, Rachelle R EMLI:EX <[Rachelle.Leinweber@gov.bc.ca](mailto:Rachelle.Leinweber@gov.bc.ca)>; Blazicevic, Bree-Ana EMLI:EX <[Bree-Ana.Blazicevic@gov.bc.ca](mailto:Bree-Ana.Blazicevic@gov.bc.ca)>; Miller, Kyla EMLI:EX <[Kyla.Miller@gov.bc.ca](mailto:Kyla.Miller@gov.bc.ca)>  
**Subject:** RE: Meeting Request - with Cedar LNG May 4th

I can make most times work, aside from 3-3:30

**Andrea Courtnall** (she/her)  
**A/Executive Administrative Assistant**  
LNG Canada Implementation Secretariat  
Ministry of Energy, Mines and Low Carbon Innovation

---

**From:** Janes, Darci EMLI:EX <[Darci.Janes@gov.bc.ca](mailto:Darci.Janes@gov.bc.ca)>  
**Sent:** April 22, 2022 11:25 AM  
**To:** Leinweber, Rachelle R EMLI:EX <[Rachelle.Leinweber@gov.bc.ca](mailto:Rachelle.Leinweber@gov.bc.ca)>; Courtnall, Andrea EMLI:EX <[Andrea.Courtnall@gov.bc.ca](mailto:Andrea.Courtnall@gov.bc.ca)>; Blazicevic, Bree-Ana EMLI:EX <[Bree-Ana.Blazicevic@gov.bc.ca](mailto:Bree-Ana.Blazicevic@gov.bc.ca)>; Miller, Kyla EMLI:EX <[Kyla.Miller@gov.bc.ca](mailto:Kyla.Miller@gov.bc.ca)>  
**Subject:** RE: Meeting Request - with Cedar LNG May 4th



Les isn't available for that time. He has availability 9-10, 11-12 or 1-3.

Thank you,  
Darci

---

**From:** Leinweber, Rachelle R EMLI:EX <[Rachelle.Leinweber@gov.bc.ca](mailto:Rachelle.Leinweber@gov.bc.ca)>  
**Sent:** April 22, 2022 11:19 AM  
**To:** Courtnall, Andrea EMLI:EX <[Andrea.Courtnall@gov.bc.ca](mailto:Andrea.Courtnall@gov.bc.ca)>; Blazicevic, Bree-Ana EMLI:EX <[Bree-Ana.Blazicevic@gov.bc.ca](mailto:Bree-Ana.Blazicevic@gov.bc.ca)>; Janes, Darci EMLI:EX <[Darci.Janes@gov.bc.ca](mailto:Darci.Janes@gov.bc.ca)>; Miller, Kyla EMLI:EX <[Kyla.Miller@gov.bc.ca](mailto:Kyla.Miller@gov.bc.ca)>  
**Subject:** Meeting Request - with Cedar LNG May 4th

Hello,

Cedar LNG will be coming to Victoria on May 4th and would like to give project updates to the ADMs before meeting with the Minister on May 5<sup>th</sup>.

Can you let me know if your ADM is available on May 4<sup>th</sup> from 10am-11am?

Thanks,

A handwritten signature in grey ink, featuring a heart shape at the top and a horizontal line extending to the left.

*Rachelle Leinweber*  
*Executive Assistant*  
*Oil and Gas Division*  
*Ministry of Energy, Mines and Low Carbon Innovation*  
*Phone: 778 974 2137 email: [rachelle.leinweber@gov.bc.ca](mailto:rachelle.leinweber@gov.bc.ca)*

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s.21

## AGENDA - Cedar LNG EMLI July 2022

---

From: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
To: Amann-Blake, Nathaniel EMLI:EX <Nathaniel.Amann-Blake@gov.bc.ca>, Bowman, Deborah EMLI:EX <Deborah.Bowman@gov.bc.ca>, Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>, MacLaren, Les EMLI:EX <Les.MacLaren@gov.bc.ca>, Coley, Simon J EMLI:EX <Simon.Coley@gov.bc.ca>  
Cc: Tubb, Danielle D EMLI:EX <Danielle.Tubb@gov.bc.ca>, Courtnall, Andrea EMLI:EX <Andrea.Courtnall@gov.bc.ca>, Sopinka, Amy EMLI:EX <Amy.Sopinka@gov.bc.ca>, West, Michele L EMLI:EX <Michele.West@gov.bc.ca>, Kumar, Devender EMLI:EX <Devender.Kumar@gov.bc.ca>  
Sent: July 20, 2022 4:20:09 PM PDT  
Received: July 20, 2022 4:20:11 PM PDT  
Attachments: Cedar LNG - Overview Presentation to Government - July 2022 V2.pdf, AGENDA - Cedar LNG EMLI July 2022.docx

Good afternoon,

Brief agenda and materials for our meeting tomorrow with Cedar LNG.

Mark

Page 053 of 120 to/à Page 066 of 120

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s.21

# AGENDA

## **Cedar LNG / EMLI**

### ***Project Overview / Update and Discussion***

**21 July 2022**

**10:30am – 11:30am Pacific Standard Time**

#### **Cedar LNG**

Tony Brady (Director Business Development)

Michael Eddy (Director of External Affairs)

Justin Smith (Manager of Government Relations)

#### **Attendees:**

#### **Ministry of Energy, Mines and Low Carbon Innovation**

Simon Coley (Assistant Deputy Minister, SIAD)

Deborah Bowman (Assistant Deputy Minister, LNGCIS)

Suzanne Manahan (Executive Lead, WIG)

Amy Sopinka (a/Executive Director, Electricity Policy)

Mark Urwin (Director, Oil and Gas Division)

**Location:** MS Teams Meeting

---

#### **Agenda**

- 1. Welcome & Introductions (Mark Urwin)**
  - 2. Project Overview / Update (Cedar LNG)**
  - 3. Discussion (All)**
  - 4. Adjournment and next steps**
- 

#### **Additional Instruction:**

Contact Person: Mark Urwin (778-677-5293)

## RE: Meeting re Cedar LNG/Resourcing and Taxes

---

From: Miller, Kyla EMLI:EX s.15  
s.15

To: Wilkins, Christina MUNI:EX <Christina.Wilkins@gov.bc.ca>

Cc: Grimmer, Andrea MUNI:EX <Andrea.Grimmer@gov.bc.ca>

Sent: October 14, 2022 11:20:49 AM PDT

Received: October 14, 2022 11:20:00 AM PDT

Attachments: image001.png

Oh yeah, Friday brain-goo... I get it 😊

Cheers, and thank you for the coordination.

KM.

---

**From:** Wilkins, Christina MUNI:EX <Christina.Wilkins@gov.bc.ca>

**Sent:** October 14, 2022 11:20 AM

**To:** Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>

**Cc:** Grimmer, Andrea MUNI:EX <Andrea.Grimmer@gov.bc.ca>

**Subject:** RE: Meeting re Cedar LNG/Resourcing and Taxes

Lol! Yes, it's been a long week, you've managed to decipher my gobbldy-gook!

I'll send an invite for the 19<sup>th</sup> at 1pm for 30 minutes 😊

Thank you

Christina

---

**From:** Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>

**Sent:** October 14, 2022 11:09 AM

**To:** Wilkins, Christina MUNI:EX <Christina.Wilkins@gov.bc.ca>

**Subject:** RE: Meeting re Cedar LNG/Resourcing and Taxes

Hi Christina, I hope my email finds you well.

Suzanne is available anytime between 1-2 pm on Thursday, October the 19<sup>th</sup>; if this is what you meant?

Please advise. Thank you kindly!

**Kyla Miller**  
Administrative Assistant | Woodfibre Implementation Group  
Ministry of Energy, Mines, and Low Carbon Innovation  
Tel: 250 889 4157

---

**From:** Wilkins, Christina MUNI:EX <Christina.Wilkins@gov.bc.ca>

**Sent:** October 14, 2022 10:34 AM

**To:** Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>

**Cc:** Grimmer, Andrea MUNI:EX <Andrea.Grimmer@gov.bc.ca>; Maase, Lily MUNI:EX <Lily.Maase@gov.bc.ca>

**Subject:** FW: Meeting re Cedar LNG/Resourcing and Taxes

Hi Kyla,

Here is some of Tara's availability next week, let me know if any 30 minute block works for Suzanne and I will send an invite.

Wed. Oct 18<sup>th</sup> 1:00-2:00

Thurs. Oct 11:30-12:00/1:00-2:00

Fri. Oct. 21 1:00-2:00/3:00-4:00

Thank you  
Christina

---

**From:** Manahan, Suzanne EMLI:EX <[Suzanne.Manahan@gov.bc.ca](mailto:Suzanne.Manahan@gov.bc.ca)>  
**Sent:** October 14, 2022 10:08 AM  
**To:** Faganello, Tara MUNI:EX <[Tara.Faganello@gov.bc.ca](mailto:Tara.Faganello@gov.bc.ca)>  
**Cc:** Brooks, Jessica MUNI:EX <[Jessica.Brooks@gov.bc.ca](mailto:Jessica.Brooks@gov.bc.ca)>; Burleson, Ron MUNI:EX <[Ron.Burleson@gov.bc.ca](mailto:Ron.Burleson@gov.bc.ca)>; Kirby, Katherine EMLI:EX <[Katherine.Kirby@gov.bc.ca](mailto:Katherine.Kirby@gov.bc.ca)>; Wilkins, Christina MUNI:EX <[Christina.Wilkins@gov.bc.ca](mailto:Christina.Wilkins@gov.bc.ca)>; Grimmer, Andrea MUNI:EX <[Andrea.Grimmer@gov.bc.ca](mailto:Andrea.Grimmer@gov.bc.ca)>; Miller, Kyla EMLI:EX <[Kyla.Miller@gov.bc.ca](mailto:Kyla.Miller@gov.bc.ca)>  
**Subject:** RE: Meeting re Cedar LNG/Resourcing and Taxes

Hi Tara, pleased to discuss. Andrea or Christina, Kyla Miller is your contact for our team.

Thanks,  
Suzanne

---

**From:** Faganello, Tara MUNI:EX <[Tara.Faganello@gov.bc.ca](mailto:Tara.Faganello@gov.bc.ca)>  
**Sent:** October 13, 2022 1:57 PM  
**To:** Manahan, Suzanne EMLI:EX <[Suzanne.Manahan@gov.bc.ca](mailto:Suzanne.Manahan@gov.bc.ca)>  
**Cc:** Brooks, Jessica MUNI:EX <[Jessica.Brooks@gov.bc.ca](mailto:Jessica.Brooks@gov.bc.ca)>; Burleson, Ron MUNI:EX <[Ron.Burleson@gov.bc.ca](mailto:Ron.Burleson@gov.bc.ca)>; Kirby, Katherine EMLI:EX <[Katherine.Kirby@gov.bc.ca](mailto:Katherine.Kirby@gov.bc.ca)>; Wilkins, Christina MUNI:EX <[Christina.Wilkins@gov.bc.ca](mailto:Christina.Wilkins@gov.bc.ca)>; Grimmer, Andrea MUNI:EX <[Andrea.Grimmer@gov.bc.ca](mailto:Andrea.Grimmer@gov.bc.ca)>  
**Subject:** Meeting re Cedar LNG/Resourcing and Taxes

Hi Suzanne,  
s.13

s.13  
Christina can assist setting up a meeting for us on the MUNI side.

My office via Andrea or

Thanks kindly,  
Tara

*Tara Faganello, BA, CPA*  
Assistant Deputy Minister  
Local Government Division  
Ministry of Municipal Affairs  
250-356-6575  
She/Her

*Every Woman and Child Matters*  
*Honouring and respecting the legacies of the missing*

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## **Accepted MEETING Cedar LNGResourcing and Taxes.msg.ics**

**Sent:** October 14, 2022 11:33:08 AM PDT

**Received:** October 14, 2022 11:33:00 AM PDT

**Priority:** Normal (5)

**Calendar Item Type:** REPLY





## RE: [EXT] Cedar

---

From: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
To: Michael Eddy <MEddy@pembina.com>  
Sent: October 27, 2022 12:28:49 PM PDT  
Received: October 27, 2022 12:28:00 PM PDT

No problem, the meeting was very helpful from my perspective. I will have the checklist over to your team this afternoon then suggest a walk through on those items.

Thanks.  
Suzanne

---

**From:** Michael Eddy <MEddy@pembina.com>  
**Sent:** October 27, 2022 11:52 AM  
**To:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
**Subject:** Re: [EXT] Cedar

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Sorry I missed this Suzanne! Was in another meeting with Doug Caul before and am only catching up on emails now.

Hopefully we answered all of your questions in the meeting, but if not, we can definitely chat.

Thanks,

Mike

Get [Outlook for iOS](#)

---

**From:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
**Sent:** Thursday, October 27, 2022 9:37:32 AM  
**To:** Michael Eddy <MEddy@pembina.com>  
**Subject:** [EXT] Cedar

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

do you have a few minutes for a quick call regarding end of year commercial considerations with respect to the Cedar LNG project.

Thank you,  
Suzanne

Suzanne Manahan  
Executive Lead, Major Projects  
Deputy Minister's Office  
Ministry of Energy, Mines and Low Carbon Innovation  
250-217-1567

## Re: [EXT] Competitiveness Check List Cedar LNG

From: Michael Eddy <MEddy@pembina.com>  
To: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>, jeffa@strategies360.ca  
Cc: Amann-Blake, Nathaniel EMLI:EX <Nathaniel.Amann-Blake@gov.bc.ca>, Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Mihlar, Fazil EMLI:EX <Fazil.Mihlar@gov.bc.ca>, Mihlar, Fazil JEDI:EX <Fazil.Mihlar@gov.bc.ca>  
Sent: October 28, 2022 6:58:27 AM PDT  
Received: October 28, 2022 6:58:32 AM PDT

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Thanks Suzanne - we will take a look at the checklist and reach out next week to discuss.  
Appreciate everyone taking the time to meet with us and for the very helpful discussion yesterday.  
Best,  
Mike

Get Outlook for iOS

**From:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>

**Sent:** Thursday, October 27, 2022 6:14:26 PM

**To:** Michael Eddy <MEddy@pembina.com>; jeffa@strategies360.ca <jeffa@strategies360.ca>

**Cc:** Amann-Blake, Nathaniel EMLI:EX <Nathaniel.Amann-Blake@gov.bc.ca>; Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>; Mihlar, Fazil EMLI:EX <Fazil.Mihlar@gov.bc.ca>

**Subject:** [EXT] Competitiveness Check List Cedar LNG

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Cedar LNG  
Team,

thank you for you time today. As discussed, please find attached a draft competitiveness checklist that our teams will engage on going forward s.12; s.13; s.16

I would be pleased to meet to discuss the sets of deliverables, discuss the path forward, customize to the specifics of your project and establish achievable timelines. Unfortunately, I do not have a recent contact email for Chief Smith, so please feel free to share the checklist with your team.

Suzanne

Suzanne Manahan  
Executive Lead, Major Projects  
Ministry of Energy, Mines and Low Carbon Innovation  
250-217-1567

## RE: Next Whiteboard Strategy Session - policy proposals

---

From: Coley, Simon J EMLI:EX <Simon.Coley@gov.bc.ca>  
To: Jang, Monica EMLI:EX <Monica.Jang@gov.bc.ca>, MacLaren, Les EMLI:EX <Les.MacLaren@gov.bc.ca>, Robb, Peter L. EMLI:EX <Peter.Robb@gov.bc.ca>, Amann-Blake, Nathaniel EMLI:EX <Nathaniel.Amann-Blake@gov.bc.ca>, Demchuk, Tania EMLI:EX <Tania.Demchuk@gov.bc.ca>, Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
Cc: Schmidt, Cathy A EMLI:EX <Cathy.Schmidt@gov.bc.ca>, Hunt, Melanie EMLI:EX <Melanie.Hunt@gov.bc.ca>, Kumar, Devender EMLI:EX <Devender.Kumar@gov.bc.ca>, Tubb, Danielle D EMLI:EX <Danielle.Tubb@gov.bc.ca>, Musgrove, Kate EMLI:EX <Kate.Musgrove@gov.bc.ca>, Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>, Langlais, Danielle EMLI:EX <Danielle.Langlais@gov.bc.ca>, Janes, Darci EMLI:EX <Darci.Janes@gov.bc.ca>, Andrews, Sarah EMLI:EX <Sarah.Andrews@gov.bc.ca>  
Sent: November 1, 2022 8:35:00 PM PDT  
Received: November 1, 2022 8:35:01 PM PDT  
Attachments: 20221101 Proposed EMLI Policy Projects.docx  
Executive,

Please find below for consideration and discussion on Friday a draft list of potential EMLI policy initiatives related to strategic Indigenous Relations files and our other mandate-related initiatives. s.13

s.13

s.13

s.13 I've also proposed a few "new" policy proposals at the end for discussion, based on recent discussions.

A word version is attached if folks would like to track changes. If these resonate, we might want to decide on firming up timelines and responsibilities to deliver for those policy projects that are needing executive direction.

Monica, perhaps you could post it to the sharepoint folder that was created?

Thanks,

---

s.13

*Simon Coley*

Assistant Deputy Minister

Strategic and Indigenous Affairs Division / Ministry of Energy, Mines and Low Carbon Innovation

Office: 778-698-7176 / Cell: 250-507-6585 / Fax: 250-952-0269

---

**From:** Jang, Monica EMLI:EX <Monica.Jang@gov.bc.ca>

**Sent:** October 28, 2022 9:30 AM

**To:** MacLaren, Les EMLI:EX <Les.MacLaren@gov.bc.ca>; Robb, Peter L. EMLI:EX <Peter.Robb@gov.bc.ca>; Coley, Simon J EMLI:EX <Simon.Coley@gov.bc.ca>; Amann-Blake, Nathaniel EMLI:EX <Nathaniel.Amann-Blake@gov.bc.ca>; Demchuk, Tania EMLI:EX <Tania.Demchuk@gov.bc.ca>; Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>

**Cc:** Schmidt, Cathy A EMLI:EX <Cathy.Schmidt@gov.bc.ca>; Hunt, Melanie EMLI:EX <Melanie.Hunt@gov.bc.ca>; Kumar, Devender EMLI:EX <Devender.Kumar@gov.bc.ca>; Tubb, Danielle D EMLI:EX <Danielle.Tubb@gov.bc.ca>; Musgrove, Kate EMLI:EX <Kate.Musgrove@gov.bc.ca>; Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>; Langlais, Danielle EMLI:EX <Danielle.Langlais@gov.bc.ca>; Janes, Darci EMLI:EX <Darci.Janes@gov.bc.ca>; Andrews, Sarah EMLI:EX <Sarah.Andrews@gov.bc.ca>

**Subject:** Next Whiteboard Strategy Session

Good Morning,

We've landed our next Whiteboard Session on Friday, Nov 4<sup>th</sup> at 8:15am. Fazil will be back in Victoria that day so hoping this works in calendars for everyone.

I've set up a SharePoint folder [here](#) for you (or your admin) to provide each of your project dashboards for further discussion before the next session.

Simon, you also mentioned working on a list of policy items with the team so please share once you have that ready as well.

Let me know if you have any questions.

Thanks,

Monica.

Page 077 of 120

Withheld pursuant to/removed as

s.13

## **Accepted Cedar LNG touch base.msg.ics**

---

**Sent:** November 3, 2022 9:02:31 AM PDT

**Received:** November 3, 2022 9:02:00 AM PDT

**Priority:** Normal (5)

**Calendar Item Type:** REPLY



## **Cedar LNG- IBAs.msg.ics**

---

**Sent:** November 4, 2022 2:42:59 PM PDT

**Received:** November 4, 2022 2:43:01 PM PDT

**Priority:** Normal (5)

**Calendar Item Type:** REQUEST

---

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<<https://www.microsoft.com/microsoft-teams/join-a-meeting>>

Or call in (audio only)

s.15; s.17

Canada, Victoria

Phone Conference ID: s.15; s.17

Find a local number <<https://dialin.teams.microsoft.com/1d2ee6b0-0212-4b1a-bc91-f2c7e4ecc3be?id=369530458>> |  
Reset PIN <<https://dialin.teams.microsoft.com/usp/pstnconferencing>>

Toll-free (audio only): 1-888-600-3289

Learn More <<https://aka.ms/JoinTeamsMeeting>> | Meeting options  
s.15; s.17

## securities

---

From: Michael Eddy <MEddy@pembina.com>  
To: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>, Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Tony Brady <tbrady@haisla.ca>  
Sent: November 4, 2022 3:25:38 PM PDT  
Received: November 4, 2022 3:25:43 PM PDT  
Attachments: image001.png

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Suzanne

Thanks for the conversation earlier. s.21  
s.21

Mobile number is below if easier.

Thanks again,

Mike

**MICHAEL EDDY**  
Director, External Affairs

1800 – 1177 West Hastings Street  
Vancouver, BC V6E 2K3  
m 604.346.7892  
[cedarlng.com](http://cedarlng.com)



## **RE: NOTIFICATION - eApprovals Item ID: 7175 - Item Forwarded - Due 2022-09-21**

---

From: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
To: Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>  
Sent: November 14, 2022 9:38:35 AM PST  
Received: November 14, 2022 9:38:35 AM PST

Oliver, you are the watcher.  
Thanks.

---

**From:** Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>  
**Sent:** November 14, 2022 9:38 AM  
**To:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
**Subject:** RE: NOTIFICATION - eApprovals Item ID: 7175 - Item Forwarded - Due 2022-09-21

Hi,

Was this eApp FWD'd to myself, or Oliver?

---

**From:** EMPR eApprovals <[donotreply@sp.gov.bc.ca](mailto:donotreply@sp.gov.bc.ca)>  
**Sent:** November 14, 2022 9:25 AM  
**To:** Miller, Kyla EMLI:EX <[Kyla.Miller@gov.bc.ca](mailto:Kyla.Miller@gov.bc.ca)>; Manahan, Suzanne EMLI:EX <[Suzanne.Manahan@gov.bc.ca](mailto:Suzanne.Manahan@gov.bc.ca)>  
**Subject:** NOTIFICATION - eApprovals Item ID: 7175 - Item Forwarded - Due 2022-09-21

Firth, Janet EMPR:EX [Site Admin] forwarded an eApprovals item to Dann, Oliver for action

**Comment: Suzanne Manahan asked that this draft assignment be forwarded to you for action. See drafting instructions in comment below.**

#: 117094

Title: Haisla Nation & Cedar LNG

Full Name: Chief Councillor Crystal Smith

Due Date: 9/21/2022

Category: Correspondence - Letter

[Go to item...](#)

## **RE: ALERT - eApprovals Item ID: 7175 - Item Forwarded - Due 2022-09-21**

---

From: EMLI Correspondence EMLI:EX <MEM.Correspondence@gov.bc.ca>  
To: Dann, Oliver EMLI:EX <Oliver.Dann@gov.bc.ca>  
Cc: Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>  
Sent: November 14, 2022 11:57:45 AM PST  
Received: November 14, 2022 11:57:46 AM PST  
Attachments: 117094 cover email Aug 5, 2022.pdf, 117094 CS to Ralston 02AUG22.pdf,  
117094 MO WIG Chief Smith - starter draft ltr.docx

Hi,

Please see attached.

*Janet  
Correspondence Coordinator  
Business Operations Branch  
Deputy Minister's Office  
Ministry of Energy, Mines and Low Carbon Innovation*

---

**From:** Dann, Oliver EMLI:EX <Oliver.Dann@gov.bc.ca>  
**Sent:** November 14, 2022 11:54 AM  
**To:** Firth, Janet EMLI:EX <Janet.Firth@gov.bc.ca>  
**Subject:** RE: ALERT - eApprovals Item ID: 7175 - Item Forwarded - Due 2022-09-21

Hi Janet, could you please email me materials. E-approvals is not cooperating – still have a few kinks to work out as my transfer in to EMLI has only recently been complete.

Cheers,

**Oliver Dann**  
*Director, First Nations and Local Government Engagement  
Ministry of Energy, Mines & Low Carbon Innovation*  
Phone: (236) 478-0341  
Email: [Oliver.Dann@gov.bc.ca](mailto:Oliver.Dann@gov.bc.ca)

---

**From:** EMPR eApprovals <[donotreply@sp.gov.bc.ca](mailto:donotreply@sp.gov.bc.ca)>  
**Sent:** November 14, 2022 9:25 AM  
**To:** Dann, Oliver EMLI:EX <[Oliver.Dann@gov.bc.ca](mailto:Oliver.Dann@gov.bc.ca)>  
**Subject:** ALERT - eApprovals Item ID: 7175 - Item Forwarded - Due 2022-09-21

Firth, Janet EMPR:EX [Site Admin] forwarded an eApprovals item to Dann, Oliver for action

**Comment: Suzanne Manahan asked that this draft assignment be forwarded to you for action. See drafting instructions in comment below.**

#: 117094

Title: Haisla Nation & Cedar LNG

Full Name: Chief Councillor Crystal Smith

Due Date: 9/21/2022

Category: Correspondence - Letter

[Go to item...](#)

Firth, Janet EMLI:EX

---

**From:** Carolyn Ringham <CRingham@haisla.ca>  
**Sent:** August 5, 2022 10:11 AM  
**To:** Minister, EMLI EMLI:EX  
**Cc:** Crystal Smith; Arthur Renwick; Kevin Stewart; Alex Grant Jr.; OfficeofthePremier, Office PREM:EX; Minister, IRR IRR:EX; Ross.MLA, Ellis LASS:EX; Gary Ley; MEddy@pembina.com; Tony Brady  
**Subject:** 117094 Letter from Haisla Nation Chief Councillor, Crystal Smith  
**Attachments:** CS to Ralston 05AUG22.pdf  
  
**Categories:** MO to advise CU, Meeting Request: Draft Response (Minister)

Good morning Minister Ralston,

Can you see the attached letter please.

Sincerely,

**Carolyn Ringham**  
**Executive Assistant to Chief Councillor, Crystal Smith,**  
**SRC Chairman/Councillor, Kevin Stewart, and**  
**Councillor, Alexander Grant, Jr**



**HAISLA NATION COUNCIL**

500 Gitksan, Haisla PO Box 1101, Haisla, B.C V0T 2B0  
Email: [cringham@haisla.ca](mailto:cringham@haisla.ca)  
Tel: (250) 639-9361 Ext. 110  
CellP: (250) 639-7255

Page 086 of 120

Withheld pursuant to/removed as

s.13



## RE: ALERT - eApprovals Item ID: 7175 - Item Forwarded - Due 2022-09-21

---

From: Dann, Oliver EMLI:EX <Oliver.Dann@gov.bc.ca>  
To: EMLI Correspondence EMLI:EX <MEM.Correspondence@gov.bc.ca>  
Cc: Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>  
Sent: November 14, 2022 12:50:12 PM PST  
Received: November 14, 2022 12:50:13 PM PST  
Attachments: A 117094 MO WIG Chief Smith - draft response.docx

Hi Janet,

I'm still unable to access eApps. Could you please upload this draft and send to Suzanne to edit and approve?

Thanks,  
Oliver

---

**From:** EMLI Correspondence EMLI:EX <MEM.Correspondence@gov.bc.ca>  
**Sent:** November 14, 2022 12:26 PM  
**To:** Dann, Oliver EMLI:EX <Oliver.Dann@gov.bc.ca>  
**Cc:** Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>  
**Subject:** RE: ALERT - eApprovals Item ID: 7175 - Item Forwarded - Due 2022-09-21

Hi,

I have no record of a Minister's draft response being done or sent, as I'm the person who sends those out. Please discuss with Suzanne & let me know.

Thanks,

*Janet  
Correspondence Coordinator  
Business Operations Branch  
Deputy Minister's Office  
Ministry of Energy, Mines and Low Carbon Innovation*

---

**From:** Dann, Oliver EMLI:EX <Oliver.Dann@gov.bc.ca>  
**Sent:** November 14, 2022 12:03 PM  
**To:** EMLI Correspondence EMLI:EX <MEM.Correspondence@gov.bc.ca>  
**Cc:** Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>  
**Subject:** RE: ALERT - eApprovals Item ID: 7175 - Item Forwarded - Due 2022-09-21

Hi Janet,

Thanks for the clarification. I believe a draft of this letter was completed back on or around October 21 and should have been uploaded by Suzanne directly.

If this did not occur I can touch base with Suzanne to figure out what happened.

Cheers,  
O

---

**From:** EMLI Correspondence EMLI:EX <MEM.Correspondence@gov.bc.ca>  
**Sent:** November 14, 2022 11:58 AM  
**To:** Dann, Oliver EMLI:EX <Oliver.Dann@gov.bc.ca>

**Cc:** Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>

**Subject:** RE: ALERT - eApprovals Item ID: 7175 - Item Forwarded - Due 2022-09-21

Hi,

Please see attached.

*Janet*

*Correspondence Coordinator*

*Business Operations Branch*

*Deputy Minister's Office*

*Ministry of Energy, Mines and Low Carbon Innovation*

---

**From:** Dann, Oliver EMLI:EX <Oliver.Dann@gov.bc.ca>

**Sent:** November 14, 2022 11:54 AM

**To:** Firth, Janet EMLI:EX <Janet.Firth@gov.bc.ca>

**Subject:** RE: ALERT - eApprovals Item ID: 7175 - Item Forwarded - Due 2022-09-21

Hi Janet, could you please email me materials. E-approvals is not cooperating – still have a few kinks to work out as my transfer in to EMLI has only recently been complete.

Cheers,

**Oliver Dann**

*Director, First Nations and Local Government Engagement*

*Ministry of Energy, Mines & Low Carbon Innovation*

Phone: (236) 478-0341

Email: [Oliver.Dann@gov.bc.ca](mailto:Oliver.Dann@gov.bc.ca)

---

**From:** EMPR eApprovals <[donotreply@sp.gov.bc.ca](mailto:donotreply@sp.gov.bc.ca)>

**Sent:** November 14, 2022 9:25 AM

**To:** Dann, Oliver EMLI:EX <Oliver.Dann@gov.bc.ca>

**Subject:** ALERT - eApprovals Item ID: 7175 - Item Forwarded - Due 2022-09-21

Firth, Janet EMPR:EX [Site Admin] forwarded an eApprovals item to Dann, Oliver for action

**Comment: Suzanne Manahan asked that this draft assignment be forwarded to you for action. See drafting instructions in comment below.**

#: 117094

Title: Haisla Nation & Cedar LNG

Full Name: Chief Councillor Crystal Smith

Due Date: 9/21/2022

Category: Correspondence - Letter

[Go to item...](#)

Page 089 of 120 to/à Page 090 of 120

Withheld pursuant to/removed as

s.13

## **Checklist and Project Updates - Cedar LNG\_OD.msg.ics**

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**Sent:** November 17, 2022 2:06:38 PM PST

**Received:** November 17, 2022 2:06:39 PM PST

**Priority:** Normal (5)

**Calendar Item Type:** REQUEST

---

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Phone Conference ID: s.15; s.17

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## **Checklist and Project Updates - Cedar LNG.msg.ics**

---

**Sent:** November 17, 2022 2:06:38 PM PST

**Received:** November 17, 2022 2:06:39 PM PST

**Priority:** Normal (5)

**Calendar Item Type:** REQUEST

---

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<<https://www.microsoft.com/microsoft-teams/join-a-meeting>>

Or call in (audio only)

[s.15; s.17](#)

Canada, Victoria

Phone Conference ID: [s.15; s.17](#)

Find a local number <<https://dialin.teams.microsoft.com/1d2ee6b0-0212-4b1a-bc91-f2c7e4ecc3be?id=142781070>> |  
Reset PIN <<https://dialin.teams.microsoft.com/usp/pstnconferencing>>

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[s.15; s.17](#)

Page 095 of 120 to/à Page 097 of 120

Withheld pursuant to/removed as

s.12 ; s.13 ; s.16



## FW: [EXT] RE: Competitiveness Check List Cedar LNG - Revised

From: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
To: Dann, Oliver EMLI:EX <Oliver.Dann@gov.bc.ca>  
Sent: November 23, 2022 10:04:00 AM PST  
Received: November 23, 2022 10:04:00 AM PST  
Attachments: Competitiveness Check List Cedar LNG Nov 23.xlsx

**From:** Michael Eddy <MEddy@pembina.com>

**Sent:** November 23, 2022 9:42 AM

**To:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>; Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>; Matthew Weil <MWeil@pembina.com>; Tony Brady <tbrady@haisla.ca>

**Subject:** Fwd: [EXT] RE: Competitiveness Check List Cedar LNG - Revised

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Great, thanks Suzanne. Look forward to speaking in 20. Hoping the below works as a rough agenda for discussion:

1. Modelling: next steps, timeline to finalization of model by end of 2022 (allowing for negotiation of fiscal framework in January 2023)
2. BCH update (FEF, securities for PGTC)
3. Walk-through of checklist

Thanks!

Mike

Get [Outlook for iOS](#)

**From:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>

**Sent:** Wednesday, November 23, 2022 9:37:47 AM

**To:** Michael Eddy <MEddy@pembina.com>; jeffa@strategies360.ca <jeffa@strategies360.ca>; Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>; Langlais, Danielle EMLI:EX <Danielle.Langlais@gov.bc.ca>

**Subject:** [EXT] RE: Competitiveness Check List Cedar LNG - Revised

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

Mark and I have updated the check list table. Attached for our discussion today.

Thanks,  
Suzanne

**From:** Manahan, Suzanne EMLI:EX

**Sent:** October 27, 2022 6:14 PM

**To:** 'meddy@pembina.com' <meddy@pembina.com>; 'jeffa@strategies360.ca' <jeffa@strategies360.ca>

**Cc:** Amann-Blake, Nathaniel EMLI:EX <Nathaniel.Amann-Blake@gov.bc.ca>; Mark.Urwin@gov.bc.ca; Mihlar, Fazil EMLI:EX <Fazil.Mihlar@gov.bc.ca>

**Subject:** Competitiveness Check List Cedar LNG

Cedar LNG Team, thank you for your time today. As discussed, please find attached a draft competitiveness checklist that our teams will engage on going forward s.12; s.13; s.16

s.12; s.13; s.16

I would be pleased to meet to discuss the sets of deliverables, discuss the path forward, customize to the specifics of your project and establish achievable timelines. Unfortunately, I do not have a recent contact email for Chief Smith, so please feel free to share the checklist with your team.

Suzanne

Suzanne Manahan  
Executive Lead, Major Projects  
Ministry of Energy, Mines and Low Carbon Innovation  
250-217-1567

## Letter from Minister Bruce Ralston

---

From: Minister, EMLI EMLI:EX <EMLI.Minister@gov.bc.ca>  
To: csmith@haisla.ca  
Cc: OfficeofthePremier, Office PREM:EX <Premier@gov.bc.ca>, Minister, ENV  
ENV:EX <ENV.Minister@gov.bc.ca>, Minister, IRR IRR:EX  
<IRR.Minister@gov.bc.ca>  
Sent: November 23, 2022 10:40:43 AM PST  
Received: November 23, 2022 10:40:44 AM PST  
Attachments: 117094 FINAL Nov 23, 2022 - Chief Smith.pdf, 117094 CS to Ralston  
02AUG22.pdf  
Ref: 117094

Good Morning,

Please see the attached letter from Honourable Bruce Ralston, Minister of Energy, Mines and Low Carbon Innovation.

Regards,

Janet Firth  
Correspondence Coordinator  
Business Operations Branch  
Deputy Minister's Office  
Ministry of Energy, Mines and Low Carbon Innovation



November 23, 2022

Ref: 117094

Chief Councillor Crystal Smith  
Haisla Nation Council

Email: [csmith@haisla.ca](mailto:csmith@haisla.ca)

cc: [Premier@gov.bc.ca](mailto:Premier@gov.bc.ca)  
[ENV.Minister@gov.bc.ca](mailto:ENV.Minister@gov.bc.ca)  
[IRR.Minister@gov.bc.ca](mailto:IRR.Minister@gov.bc.ca)

Dear Chief Councillor Smith:

Thank you for your August 2, 2022 letter regarding Cedar LNG. Thank you also for your gracious hospitality during my recent visit with the Haisla Nation at Kitamaat Village.

BC recognizes that Cedar LNG presents economic development opportunities for Haisla Nation and surrounding communities.

I understand that staff from my Ministry are working with the Cedar LNG team to better understand the project's economics and competitiveness issues.

BC understands the regulatory certainty will be an important part of Cedar LNG's Final Investment Decision (FID). On November 16, 2022, the Environmental Assessment Office (EAO) referred Cedar LNG to me and Minister George Heyman for decision. At the same time, the EAO provided its Assessment Report to the federal Minister of Environment and Climate Change completing the substituted assessment. The EAO will coordinate the announcement of decisions with Canada to the extent practicable.

As I am a statutory decision maker for the project's environmental assessment decision, I would like to express my regrets to meet with you at this time.

Thank you, again, for writing.

Sincerely,

Bruce Ralston  
Minister

---

Ministry of  
Energy, Mines and  
Low Carbon Innovation

Office of the Minister

Mailing Address:  
PO Box 9060, Stn Prov Govt  
Victoria, BC V8W 9E2

Telephone: 250 953-0900  
Facsimile: 250 356-2965

Page 102 of 120 to/à Page 103 of 120

Withheld pursuant to/removed as

s.16

## RE: Cedar LNG Modelling

---

From: Miller, Kyla EMLI:EX s.15  
s.15

To: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
Sent: December 1, 2022 8:08:22 AM PST  
Received: December 1, 2022 8:08:00 AM PST

Good morning Suzanne,

Tomorrow, the first occurrence of Mark U.'s bi-weekly "Cedar LNG Modelling" series overlaps your executive training. How should we respond? Please advise, thank you.

Kyla.

-----Original Appointment-----

**From:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>

**Sent:** November 24, 2022 3:21 PM

**To:** Urwin, Mark EMLI:EX; Roger Crawley; Cole Grbavac; Fiona Mullins; MEddy@pembina.com; MWeil@pembina.com; tbrady@haisla.ca; Christina.Caouette@NRCan-RNCan.gc.ca; Lauren.Giandomenico@NRCan-RNCan.gc.ca; jeffery.schmidtke@NRCan-RNCan.gc.ca; warren.neill@NRCan-RNCan.gc.ca

**Cc:** Tim Philpotts; Scott Badham; Scott Badham; Manahan, Suzanne EMLI:EX

**Subject:** Cedar LNG Modelling

**When:** December 2, 2022 10:30 AM-11:30 AM (UTC-08:00) Pacific Time (US & Canada).

**Where:** Microsoft Teams Meeting

Setting up a weekly touch base through early December to help close out our base case model and set up any future work needed.

---

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---

## Status of First Nations Agreements

---

From: Michael Eddy <Michael.Eddy@cedarlng.com>  
To: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
Cc: Urwin, Mark EMPR:EX <Mark.Urwin@gov.bc.ca>, Tony Brady <tbrady@haisla.ca>, Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: December 8, 2022 2:38:57 PM PST  
Received: December 8, 2022 2:39:10 PM PST  
Attachments: image001.png

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Suzanne

s.13; s.16; s.21

s.16

Many thanks,

Mike

**MICHAEL EDDY**

Director, External Affairs

1800 – 1177 West Hastings Street  
Vancouver, BC V6E 2K3





## Confidential: Gitga'at Letter of Non-Objection

---

From: Michael Eddy <MEddy@pembina.com>  
To: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>, Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: December 12, 2022 3:27:29 PM PST  
Received: December 12, 2022 3:27:47 PM PST  
Attachments: VANCOUVER-#51356188-v2-Letter\_to\_Provincial\_Ministers\_-\_Gitga\_at Signed (002).pdf

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Suzanne, Mark

Good news – letter of non-objection from Gitga'at (we have shared with EAO and IAAC as well).

We will keep you updated with any other letters of support / non-objection that come in this week.

Best,

Mike



## Gitga'at First Nation

445 Hayimiisaxaa Way, Hartley Bay, BC V0V 1A0  
Phone: 250-841-2500 / 841-2525 Fax: 855-259-7085

December 12, 2022

Honourable George Heyman  
Minister of Environment and Climate Change Strategy  
PO Box 9047 Stn Prov Gov  
Victoria, BC V8W 9E2

Honourable Bruce Ralston  
Minister of Energy, Mines and Low Carbon Innovation  
PO Box 9060 Stn Prov Govt  
Victoria, BC V8W 9E2

Emailed to ENV.Minister@gov.bc.ca and EMPR.Minister@gov.bc.ca

### **Re: Cedar LNG Project - Application for Environmental Assessment Certificate**

Dear Minister Heyman and Minister Ralston:

I am writing to confirm the position of the Gitga'at Nation on the application for an Environmental Assessment Certificate (EAC) for the Cedar LNG Project (Project).

Our Nation supports the Haisla Nation pursuing the Project as part of its broader objectives for economic development within its territory. We have made productive strides with Cedar LNG toward concluding an agreement in respect of the Project. We anticipate being in a position to confirm our consent to the Project upon conclusion of a definitive agreement with Cedar LNG early in the new year.

Accordingly, the Gitga'at Nation does not object to the issuance of the EAC for the Project.

We nevertheless wish to highlight our continuing concerns about the approach taken by the provincial and federal governments to environmental assessment processes, in particular the failure of the Crown to engage meaningfully in relation to unmitigated residual and cumulative impacts on our Nation's inherent and aboriginal rights. While we are encouraged by the bilateral commitments made by Cedar LNG, these issues are broader than a single proponent or project. In order for the Gitga'at Nation to continue supporting development of major projects in the North Coast, it is critical that Canada and British Columbia take meaningful actions to address these matters in collaboration with our Nation.

Sincerely,

  
Arnold Clifton  
Gitga'at Nation

## FW: Gitga'at Letter to Provincial Ministers

---

From: Stockman, Fern P EAO:EX <Fern.Stockman@gov.bc.ca>  
To: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
Sent: December 12, 2022 3:32:31 PM PST  
Received: December 12, 2022 3:32:31 PM PST  
Attachments: VANCOUVER-#51356188-v2-Letter\_to\_Provincial\_Ministers\_-\_Gitga\_at Signed (002).pdf

FYI

---

**From:** Lara Taylor <lara.taylor@cedarlng.com>  
**Sent:** December 12, 2022 3:20 PM  
**To:** Harris, Jessica EAO:EX <Jessica.Harris@gov.bc.ca>; Stockman, Fern P EAO:EX <Fern.Stockman@gov.bc.ca>  
**Cc:** Michael Eddy - Pembina <meddy@pembina.com>  
**Subject:** Gitga'at Letter to Provincial Ministers  
**Importance:** High

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Jessica and Fern,

I'm sure that you will also receive this letter through the EAO, but we wanted to share it with you right away as well. This letter from Gitga'at confirms their non-opposition to the Cedar LNG Project.

Thank you,  
Lara

## Cedar LNG Financial Model -- Additional Assumptions & PST During Construction

---

From: Eric Magnusson <ErMagnusson@pembina.com>  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Roger Crawley <Roger.Crawley@ca.ey.com>, Cole Grbavac <Cole.Grbavac@ca.ey.com>, Fiona.Mullins@ca.ey.com, Michael Eddy <MEddy@pembina.com>, Matthew Weil <MWeil@pembina.com>, Tony Brady <tbrady@haisla.ca>, Christina.Caouette@NRCan-RNCan.gc.ca, Lauren.Giandomenico@NRCan-RNCan.gc.ca, jeffery.schmidtke@nrcan-rncan.gc.ca, warren.neill@nrcan-rncan.gc.ca  
Cc: Tim.J.Philpotts@ca.ey.com, Scott Badham <SBadham@pgimidstream.com>, Suzanne.Manahan@gov.bc.ca, Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
Sent: December 16, 2022 10:26:57 AM PST  
Received: December 16, 2022 10:27:15 AM PST  
Attachments: image001.png, Cedar LNG - Current Project Financing Assumptions.xlsx

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

All,

Please see attached the latest financing assumptions applicable for Cedar LNG. These inputs will continue to be refined as the project gets de-risked and as the commercial offtake terms get finalized.

s.21

Thanks,  
Eric



**Eric Magnusson** — Senior Specialist, Financial Analysis, New Ventures Unit  
Pembina Pipeline Corporation | (Room #33-025) 585 8<sup>th</sup> Ave SW,  
Calgary, AB T2P 1G1  
Tel: **(403) 231-6720** | Cell: **(403) 701-4506**  
| [ermagnusson@pembina.com](mailto:ermagnusson@pembina.com)

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Withheld pursuant to/removed as

s.21

## RE: REVIEW and SIGNATURE REQUIRED: FNLNGA agreement

---

From: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
To: Beaupre, Darren EMLI:EX <Darren.Beaupre@gov.bc.ca>, Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>  
Cc: Langlais, Danielle EMLI:EX <Danielle.Langlais@gov.bc.ca>, Edgington, Nicole EMLI:EX <Nicole.Edgington@gov.bc.ca>, Kirby, Katherine EMLI:EX <Katherine.Kirby@gov.bc.ca>  
Sent: December 20, 2022 9:43:08 AM PST  
Received: December 20, 2022 9:43:09 AM PST  
Attachments: image001.png

Thanks Darren, could you please hold this item for Mid-February. s.13; s.16

s.13; s.16

s.13; s.16

please let me know.

If there is any risk on this approach,

Thanks,  
Suzanne

---

**From:** Beaupre, Darren EMLI:EX <Darren.Beaupre@gov.bc.ca>

**Sent:** December 20, 2022 9

**To:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>; Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>

**Cc:** Langlais, Danielle EMLI:EX <Danielle.Langlais@gov.bc.ca>; Edgington, Nicole EMLI:EX <Nicole.Edgington@gov.bc.ca>; Kirby, Katherine EMLI:EX <Katherine.Kirby@gov.bc.ca>

**Subject:** REVIEW and SIGNATURE REQUIRED: FNLNGA agreement

Hi Suzanne. Friendly reminder on this item.

s.13

Nicole provides the details below.

Kyla, assuming Suzanne approves, this will require signature to process on our end. Cheers.

-Darren

---

**From:** Edgington, Nicole EMLI:EX <Nicole.Edgington@gov.bc.ca>

**Sent:** December 8, 2022 3:27 PM

**To:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>

**Cc:** Miller, Kyla EMLI:EX <Kyla.Miller@gov.bc.ca>; Langlais, Danielle EMLI:EX <Danielle.Langlais@gov.bc.ca>; Beaupre, Darren EMLI:EX <Darren.Beaupre@gov.bc.ca>; Kirby, Katherine EMLI:EX <Katherine.Kirby@gov.bc.ca>

**Subject:** FW: #12169 - Questions: Amendments to CA#23MAN0077 First Nations LNG Alliance Society

Hi Suzanne,

s.16

I have made the necessary modifications (outlined below) to the SCA and have completed the modification form on the Request for Government Transfer (RGFT) to align with the SCA . As per Darren's email below,

he as Expense Authority, has approved the changes made. I have also obtained approval through the CSNR Finance team to move forward with the modified agreement.

Could you please review, and should you see no issue, apply your signature to the RFGT and send back to me along with your written approval to proceed by way of email.

**Shared Cost Agreement**

On Schedule B – Payment:

Original Agreement	Modified Agreement
<b>PAYMENT REQUIREMENT 2</b> – Delivery to the Province of the Mid-term Financial Statement for the term for the period of September 1 - December 31, 2022, due on or before <b>January 14, 2023</b> .	<b>PAYMENT REQUIREMENT 2</b> – Delivery to the Province of the Mid-term Financial Statement for the term for the period of August 1 - October 31, 2022, due on or before <b>November 30, 2022</b> .

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

Thank you,

**Nicole Edgington** (She/Her)

Acting Senior Policy Analyst

LNG Canada Implementation Secretariat

Ministry of Energy, Mines and Low Carbon Innovation

Office: 778-974-3591 | Email: [Nicole.Edgington@gov.bc.ca](mailto:Nicole.Edgington@gov.bc.ca)

*Respectfully acknowledging that I work and reside in the territories of the Lekwungen peoples and the Songhees and Esquimalt Nations.*

---

**From:** Beaupre, Darren EMLI:EX <[Darren.Beaupre@gov.bc.ca](mailto:Darren.Beaupre@gov.bc.ca)>

**Sent:** December 5, 2022 8:00 AM

**To:** Edgington, Nicole EMLI:EX <[Nicole.Edgington@gov.bc.ca](mailto:Nicole.Edgington@gov.bc.ca)>

**Subject:** RE: #12169 - Questions: Amendments to CA#23MAN0077 First Nations LNG Alliance Society

Approved – but double check the modified dates of the mid term financial statement so it aligns with what was submitted. Use my signature below and offer a clear explanation for Suzanne for her approval. Also -you need to let me know, as the qualified receiver, that the mid term financial statement from the FNLNGA meets your approval before I can sign off on financials. Let me know if you see anything in the details they sent that needs evaluation. Thanks Nicole! I hope the weekend treated you well. Cheers.



---

**From:** Edgington, Nicole EMLI:EX <[Nicole.Edgington@gov.bc.ca](mailto:Nicole.Edgington@gov.bc.ca)>

**Sent:** November 30, 2022 10:09 AM

**To:** Beaupre, Darren EMLI:EX <[Darren.Beaupre@gov.bc.ca](mailto:Darren.Beaupre@gov.bc.ca)>

**Subject:** RE: #12169 - Questions: Amendments to CA#23MAN0077 First Nations LNG Alliance Society

Hi Darren,

Please find attached the modified Request for Government Transfer (RFGT) and Shared Cost Agreement (SCA) for the First nation LNG Alliance society, as well as the original documents.

Required is your approval and signature of the modified SCA , as well as yours and Suzanne's, as acting ADM, on the modified RFGT.

Once signed on our end, and approved by the CRNR Financial Policy team, I will send the SCA to Karen for signature as well.

Thank you,

**Nicole Edgington** (She/Her)  
Acting Senior Policy Analyst  
LNG Canada Implementation Secretariat  
Ministry of Energy, Mines and Low Carbon Innovation  
**Office:** 778-974-3591 | **Email:** [Nicole.Edgington@gov.bc.ca](mailto:Nicole.Edgington@gov.bc.ca)

*Respectfully acknowledging that I work and reside in the territories of the Lekwungen peoples and the Songhees and Esquimalt Nations.*

---

**From:** CSNR Transfer Payments CSNR:EX <[CSNRTransferPayments@gov.bc.ca](mailto:CSNRTransferPayments@gov.bc.ca)>  
**Sent:** November 29, 2022 2:56 PM  
**To:** Edgington, Nicole EMLI:EX <[Nicole.Edgington@gov.bc.ca](mailto:Nicole.Edgington@gov.bc.ca)>  
**Subject:** FW: #12169 - Questions: Amendments to CA#23MAN0077 First Nations LNG Alliance Society

Hi Nicole,

As the deliverables due date tied to the second payment is still within the same fiscal year, and is on or before the end date of the agreement, changing the date from January 2023 to December 2022 should not be an issue.

However, as the original agreement was required to be reviewed by our team for compliance with financial policy, the modification agreement will also need to be reviewed for compliance with financial policy.

Therefore, once the modification page of the attached RFGT, and the attached modification agreement have been fully drafted, submit both of the draft documents, as well as the fully-signed original agreement for the review.

Regards,

Sheila Tucnik  
(she/her/hers)  
Certified Service Professional (CSP) | Senior Contract Procurement Specialist  
Procurement Unit | Financial Services Branch | Phone: (778) 698-3738  
*Corporate Services for the Natural Resource Ministries*

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---

**From:** Edgington, Nicole EMLI:EX <[Nicole.Edgington@gov.bc.ca](mailto:Nicole.Edgington@gov.bc.ca)>  
**Sent:** November 29, 2022 12:25 PM  
**To:** CSNR Transfer Payments CSNR:EX <[CSNRTransferPayments@gov.bc.ca](mailto:CSNRTransferPayments@gov.bc.ca)>  
**Subject:** RE: #12169 - Questions: Amendments to CA#23MAN0077 First Nations LNG Alliance Society

Hi Sheila,



We are looking to make changes to some of the outlined deliverables, and if possible, bump the date of the second payment from January 2023 to December 2022.

I have attached copies of each the SCA and the RGFT with the changes we would like to make.

Thank you,

**Nicole Edgington** (She/Her)  
Acting Senior Policy Analyst  
LNG Canada Implementation Secretariat  
Ministry of Energy, Mines and Low Carbon Innovation  
**Office:** 778-974-3591 | **Email:** [Nicole.Edgington@gov.bc.ca](mailto:Nicole.Edgington@gov.bc.ca)

*Respectfully acknowledging that I work and reside in the territories of the Lekwungen peoples and the Songhees and Esquimalt Nations.*

---

**From:** CSNR Transfer Payments CSNR:EX <[CSNRTransferPayments@gov.bc.ca](mailto:CSNRTransferPayments@gov.bc.ca)>  
**Sent:** November 29, 2022 11:58 AM  
**To:** Edgington, Nicole EMLI:EX <[Nicole.Edgington@gov.bc.ca](mailto:Nicole.Edgington@gov.bc.ca)>  
**Subject:** RE: #12169 - Questions: Amendments to CA#23MAN0077 First Nations LNG Alliance Society

Good morning Nicole,

Thank-you for your inquiry, yes, this is the correct mailbox.

What questions do you have regarding the modification process?

Regards,

Sheila Tucnik  
(she/her/hers)  
Certified Service Professional (CSP) | Senior Contract Procurement Specialist  
Procurement Unit | Financial Services Branch | Phone: (778) 698-3738  
*Corporate Services for the Natural Resource Ministries*

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---

**From:** Edgington, Nicole EMLI:EX <[Nicole.Edgington@gov.bc.ca](mailto:Nicole.Edgington@gov.bc.ca)>  
**Sent:** November 29, 2022 10:11 AM  
**To:** CSNR Transfer Payments CSNR:EX <[CSNRTransferPayments@gov.bc.ca](mailto:CSNRTransferPayments@gov.bc.ca)>  
**Subject:** #12169 - Questions: Amendments to CA#23MAN0077 First Nations LNG Alliance Society

Good morning,

I am looking to make modifications to the Shared Cost Agreement and Request for Government Transfer for CA#23MAN0077 First Nations LNG Alliance Society. Would this be the right inbox to direct my questions to about the process of doing so?

Thank you,

**Nicole Edgington** (She/Her)

Acting Senior Policy Analyst  
LNG Canada Implementation Secretariat  
Ministry of Energy, Mines and Low Carbon Innovation  
Office: 778-974-3591 | Email: [Nicole.Edgington@gov.bc.ca](mailto:Nicole.Edgington@gov.bc.ca)

*Respectfully acknowledging that I work and reside in the territories of the Lekwungen peoples and the Songhees and Esquimalt Nations.*

## RE: [EXT] Cedar LNG

---

From: Kirby, Katherine EMLI:EX <Katherine.Kirby@gov.bc.ca>  
To: Michael Eddy <MEddy@pembina.com>, Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
Sent: January 3, 2023 1:20:33 PM PST  
Received: January 3, 2023 1:20:34 PM PST

Thanks Mike, Looking forward to meeting you as well.

Kathy

---

**From:** Michael Eddy <MEddy@pembina.com>  
**Sent:** January 3, 2023 1:10 PM  
**To:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>; Kirby, Katherine EMLI:EX <Katherine.Kirby@gov.bc.ca>  
**Subject:** Re: [EXT] Cedar LNG

**[EXTERNAL]** This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Thanks Suzanne!

Kathy - nice to meet you, look forward to being in touch.

Mike

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---

**From:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
**Sent:** Tuesday, January 3, 2023 1:00:15 PM  
**To:** Michael Eddy <MEddy@pembina.com>; Kirby, Katherine EMLI:EX <Katherine.Kirby@gov.bc.ca>  
**Subject:** [EXT] Cedar LNG

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Mike and  
Kathy,

virtual introductions to each other. Mike, as discussed, Kathy will be acting for me from Jan 6-20 and will be following the EA process for this project.

Thanks.

Suzanne Manahan  
A/Assistant Deputy Minister  
Ministry of Energy, Mines and Low Carbon Innovation  
250-217-1567

**From:** Michael Eddy  
**To:** Manahan, Suzanne EMLI:EX; Urwin, Mark EMLI:EX; Langlais, Danielle EMLI:EX; Tony Brady; Matthew Weil  
**Subject:** RE: [EXT] RE: Competitiveness Check List Cedar LNG - Revised  
**Date:** November 23, 2022 11:25:45 AM

---

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Suzanne and team,

Thanks for the conversation earlier. Following up, please see the link to the comfort letter that the Premier provided to LNG Canada in March of 2018 (6 months before FID).

Schedule E in the attached...s.13; s.16  
s.13; s.16

Mike

[lng\\_agreement.pdf](#)

---

**From:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
**Sent:** Wednesday, November 23, 2022 9:38 AM  
**To:** Michael Eddy <MEddy@pembina.com>; jeffa@strategies360.ca; Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>; Langlais, Danielle EMLI:EX <Danielle.Langlais@gov.bc.ca>  
**Subject:** [EXT] RE: Competitiveness Check List Cedar LNG - Revised

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning, Mark and I have updated the check list table. Attached for our discussion today.

Thanks,  
Suzanne

---

**From:** Manahan, Suzanne EMLI:EX  
**Sent:** October 27, 2022 6:14 PM  
**To:** 'meddy@pembina.com' <[meddy@pembina.com](mailto:meddy@pembina.com)>; 'jeffa@strategies360.ca' <[jeffa@strategies360.ca](mailto:jeffa@strategies360.ca)>  
**Cc:** Amann-Blake, Nathaniel EMLI:EX <[Nathaniel.Amann-Blake@gov.bc.ca](mailto:Nathaniel.Amann-Blake@gov.bc.ca)>; Mark.Urwin@gov.bc.ca; Mihlar, Fazil EMLI:EX <[Fazil.Mihlar@gov.bc.ca](mailto:Fazil.Mihlar@gov.bc.ca)>  
**Subject:** Competitiveness Check List Cedar LNG

Cedar LNG Team, thank you for your time today. As discussed, please find attached a draft competitiveness checklist that our teams will engage on going forward s.12; s.13; s.16  
s.12; s.13; s.16

I would be pleased to meet to discuss the sets of deliverables, discuss the path forward, customize to the specifics of your project and establish achievable timelines. Unfortunately, I do not have a recent contact email for Chief Smith, so please feel free to share the checklist with your team.

Suzanne

Suzanne Manahan  
Executive Lead, Major Projects  
Ministry of Energy, Mines and Low Carbon Innovation  
250-217-1567

**From:** [Manahan, Suzanne EMLI:EX](#)  
**To:** [meddy@pembina.com](#); [jeffa@strategies360.ca](#); [Urwin, Mark EMLI:EX](#); [Langlais, Danielle EMLI:EX](#)  
**Subject:** RE: Competitiveness Check List Cedar LNG - Revised  
**Date:** November 23, 2022 9:37:48 AM  
**Attachments:** [Competitiveness Check List Cedar LNG Nov 23.xlsx](#)

---

Good morning, Mark and I have updated the check list table. Attached for our discussion today.

Thanks,  
Suzanne

---

**From:** Manahan, Suzanne EMLI:EX  
**Sent:** October 27, 2022 6:14 PM  
**To:** 'meddy@pembina.com' <meddy@pembina.com>; 'jeffa@strategies360.ca' <jeffa@strategies360.ca>  
**Cc:** Amann-Blake, Nathaniel EMLI:EX <Nathaniel.Amann-Blake@gov.bc.ca>; Mark.Urwin@gov.bc.ca; Mihlar, Fazil EMLI:EX <Fazil.Mihlar@gov.bc.ca>  
**Subject:** Competitiveness Check List Cedar LNG

Cedar LNG Team, thank you for your time today. As discussed, please find attached a draft competitiveness checklist that our teams will engage on going forward **s.12; s.13; s.16**  
**s.12; s.13; s.16**

I would be pleased to meet to discuss the sets of deliverables, discuss the path forward, customize to the specifics of your project and establish achievable timelines. Unfortunately, I do not have a recent contact email for Chief Smith, so please feel free to share the checklist with your team.

Suzanne

Suzanne Manahan  
Executive Lead, Major Projects  
Ministry of Energy, Mines and Low Carbon Innovation  
250-217-1567

## Re: Follow up

---

From: Jon Turner <jon.turner@pacifictraverse.com>  
To: Urwin, Mark EMPR:EX <Mark.Urwin@gov.bc.ca>  
Cc: Chicoine, Alisha EMPR:EX <Alisha.Chicoine@gov.bc.ca>, Jennifer Siddon <jennifer.siddon@pacifictraverse.com>, Miranda MacEwen <miranda.macewen@pacifictraverse.com>  
Sent: October 30, 2019 8:32:12 AM PDT

**Mark** – thanks for the follow from our meeting on Monday.

Further to your offer in the email below, we will keep you apprised of our meeting plans with gov folks in Victoria.

Thanks for the Oxford Institute for Energy Studies paper. We will review the paper and think about how companies like PTE can develop projects in a way that responds to the three questions the paper poses:

1. Understanding the full impact of GHG emissions along the LNG / LPG value chain
2. Questions of affordability of LNG / LPG as a attractive / accessible fuel in areas where market growth potential is highest but also most sensitive to energy costs
3. Whether LNG / LPG developers can be profitable while addressing concerns around producing low carbon gas and maintaining affordability / accessibility of the energy source in these emerging markets.

While there will be factors beyond our control that continue to have influence on how these questions are answered / addressed, these are nonetheless key questions that we need to think about when developing projects.

We will send you a one – pager / backgrounder on PTE and our Kitimat LPG Export Project for you to send to the government's communications department.

Thanks again for taking time to come visit us this week.

Jonathan Turner  
Pacific Traverse Energy  
604.505.1461

---

**From:** "Urwin, Mark EMPR:EX"  
**Date:** Tuesday, October 29, 2019 at 7:12 AM  
**To:** "jon.turner@pacifictraverse.com"  
**Cc:** "Chicoine, Alisha EMPR:EX"  
**Subject:** Follow up

Hey Jon,

Thank you once again for taking the time to meet with Alisha and I yesterday (and apologies as I don't have Jennifer's email address to send this to her as well). Happy to help with your meetings in Victoria when your ready – until then I wanted to forward to you the article from the Oxford Institute for Energy Studies that we had mentioned.

Best,

Mark

Mark Urwin

Director, Competitiveness and Market Development  
Ministry of Energy, Mines and Petroleum Resources

4<sup>th</sup> Floor, 1810 Blanshard Street Victoria BC

tel: +1-778-677-5293

email: mark.urwin@gov.bc.ca

**MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

**BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honouable Bruce Ralston, Minister of Energy, Mines and Petroleum Resources

**ISSUE:** Cedar LNG

**BACKGROUND:**

The Cedar LNG project is a floating Liquefied Natural Gas (LNG) facility and export terminal located in Kitimat, British Columbia with an anticipated export capacity of 3 to 4 million tonnes per annum. The project is being proposed by the Haisla Nation through its wholly owned subsidiary Cedar LNG Export Development Ltd. Cedar LNG plans to draw its feedstock gas from the Coastal Gaslink pipeline. Forecasted to cost C\$1.8-2.5 billion, the project could employ 350-500 construction workers and create 70-100 permanent operation jobs.

Cedar LNG entered the environmental assessment process August 2019. In January 2020, Cedar LNG was granted substitution by the federal Minister of Environment and Climate Change. This allows the project to undergo to the provincial environmental assessment process to satisfy federal environmental assessment requirements.

The proponents plan to design Cedar LNG as a fully electric drive facility and are working with BC Hydro exploring options to power the project with electricity from the provincial transmission grid. If grid electrification is not feasible, Cedar LNG would self-generate electricity using a gas turbine.

**DISCUSSION:**

In a recent call with the Ministry, the Haisla Nation indicated Cedar LNG was in the process of completing two baseline studies and a small amount of pre-Front End Engineering and Design (FEED) work. Following this work, they anticipate that they will submit their application for an Environmental Assessment Certificate by March 2021. s.21

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The Ministry maintains a strong working relationship with its Federal counterparts at Natural Resources Canada to foster the development of the natural gas sector and will encourage Cedar LNG to build a similar working relationship with them.



## Provincial Government Requests

### *Electricity availability*

A preliminary estimate from Cedar LNG's initial project description filed to the EAO expects the LNG production unit and auxiliary demand to be approximately 214 megawatts of power. BC Hydro would be the supplier of electricity through the provincial transmission grid, s.12; s.13; s.12; s.13; s.16

s.12; s.13; s.16 Cedar LNG continues to engage with BC Hydro as a potential industrial customer.

s.21

### *Provincial loan guarantee/support for equity ownership akin to a program in Alberta*

Amidst a backdrop of growing interest from Indigenous communities in pursuing ownership stakes in major energy projects, in summer 2019 the Alberta Government announced that it would create the new Alberta Indigenous Opportunities Corporation (AIOC). The AIOC's mandate includes (a) providing legal, technical and financial advice to Nations looking to initiate or participate in energy projects, and (b) allocating up to \$1 billion in investment support (such as loans and guarantees) to qualified First Nations.

The Haisla Nation are the project proponents through their wholly owned subsidiary, Cedar LNG Development Ltd. The Cedar LNG project is a key element of the Haisla Nation economic and social development strategy and will further advance reconciliation by allowing Haisla Nation to - for the first time ever - directly own and participate in a major industrial development in its territory. s.13; s.16

### *Fiscal Measures*

s.21

Before LNG Canada made its FID, the Province entered a joint financial analysis of the project that allowed all parties to understand the potential impacts of movements to fiscal levers. s.12; s.12; s.13; s.16

s.12; s.13; s.16

s.12; s.13; s.16

for LNG projects that meet the following four conditions: guarantee a fair return for B.C.'s natural resources; guarantee jobs and training opportunities for British Columbians; respect and make partners of First Nations; and meet B.C.'s climate commitments. s.12; s.13; s.16 LNG Canada received a PST deferral through the Operating Performance Payments Agreement (OPPA) after an extensive joint financial modelling exercise with the Province. They were also granted electricity rates from BC Hydro consistent with other industrial customers in B.C., carbon tax rebates and the elimination of the LNG income tax and retention of the Natural Gas Tax Credit (NGTC).

Cedar LNG would be applicable for the NGTC and would receive up to a 3 per cent reduction in their CIT rate from 12 per cent. s.12; s.13; s.16

s.12; s.13; s.16

## **Federal Government Requests**

### *Accessing the Strategic Innovation Fund*

The Strategic Innovation Fund (SIF) is a funding program available through Industry Canada that is focused on attracting and supporting high-quality business investments to ensure Canada is a top destination for businesses to invest, grow and create jobs and prosperity for Canadians. Over 60 businesses in Canada have received funding from SIF since 2018, including LNG Canada. Given Cedar LNG's interest in an air-cooled electric drive facility and the first floating LNG project in Canada, the project has a business case for accessing funds from SIF.

### *Request for exemption from Fabricated Industrial Steel Component (FISC) duties*

In 2017, the Canadian International Trade Tribunal issued an antidumping order on FISC exported from China. Complex fabricated steel modules that cannot be manufactured in Canada and must be imported from China are a key component in the construction of LNG facilities. The FISC import duties would add a significant cost to the construction of a new LNG facility in Canada. LNG Canada and Woodfibre LNG have both received exemptions from FISC import duties from the Federal Government, and Cedar LNG is requesting to receive a similar exemption.

### *Guaranteed long-term backstop from Federal Government*

The Federal Government has announced two credit programs to be available to oil and gas companies where banks see a greater level of lending risk. The Business Development Bank of Canada (BDC) is providing four-year financing where the debt can be converted to equity if the company hits financial stress. The BDC loans would require interest-only payments until the end of the four-year term. Export Development Canada is developing a program that will guarantee a portion of loans that are no longer covered by the reserve value. This would effectively offset the

loss of credit availability that is due to the decline in commodity prices. Both federal agencies are finalizing their program details as of May 20, 2020.

**SUMMARY:**

Projects such as Cedar LNG open the door to global markets for BC, while creating sustainable jobs and economic development that makes meaningful partners of Indigenous peoples. The Province is supportive of the Cedar LNG project, and will continue to engage with the project and with the Haisla Nation and Cedar LNG as they move through their project development.

**DRAFTED BY:**

Alisha Chicoine, Senior Economist,  
OGD

**APPROVED BY:**

Mark Urwin, Director ✓  
Geoff Turner, Executive Director ✓  
May Mah-Paulson, ADM, OGD  
Dave Nikolejsin, Deputy Minister

**MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

**BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honouable Bruce Ralston, Minister of Energy, Mines and  
Petroleum and Resources

**ISSUE:** Cedar LNG

**BACKGROUND:**

The Cedar LNG project is a floating Liquefied Natural Gas (LNG) facility and export terminal located in Kitimat, BC with an anticipated export capacity of 3 to 4 million tonnes per annum. The project is being proposed by the Haisla Nation through its wholly owned subsidiary Cedar LNG Export Development Ltd. Cedar LNG plans to draw its feedstock gas from the Coastal Gaslink pipeline. Forecasted to cost C\$1.8-2.5 billion, the project could employ 350-500 construction workers and create 70-100 permanent operation jobs.

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The proponents plan to design Cedar LNG as a fully electric drive facility and are working with BC Hydro exploring options to power the project with electricity from the provincial transmission grid. If grid electrification is not feasible, Cedar LNG would self-generate electricity using a gas turbine.

**DISCUSSION:**

In a recent call with the Ministry, the Haisla Nation indicated Cedar LNG was in the process of completing two baseline studies and a small amount of pre-Front End Engineering and Design (FEED) work. Following this work, they anticipate that they will submit their application for an Environmental Assessment Certificate by March 2021. s.21

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s.21

Before LNG Canada made its FID, the Province entered a joint financial analysis of the project that allowed all parties to understand the potential impacts of movements to fiscal levers. s.12  
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Projects such as Cedar LNG open the door to global markets for BC, while creating sustainable jobs and economic development that makes meaningful partners of Indigenous peoples. The Province is supportive of the Cedar LNG project, and will continue to engage with the project and with the Haisla Nation and Cedar LNG as they move through their project development.

**DRAFTED BY:**

Alisha Chicoine, Senior Economist,  
OGD

**APPROVED BY:**

Mark Urwin, Director ✓  
Geoff Turner, Executive Director ✓  
May Mah-Paulson, ADM, OGD ✓  
Dave Nikolejsin, DM ✓

**MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

**BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honouable Bruce Ralston, Minister of Energy, Mines and  
Petroleum and Resources

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Projects such as Cedar LNG open the door to global markets for BC, while creating sustainable jobs and economic development that makes meaningful partners of Indigenous peoples. The Province is supportive of the Cedar LNG project, and will continue to engage with the project and with the Haisla Nation and Cedar LNG as they move through their project development.

**DRAFTED BY:**

Alisha Chicoine, Senior Economist,  
OGD

**APPROVED BY:**

Mark Urwin, Director ✓  
Geoff Turner, Executive Director ✓  
May Mah-Paulson, ADM, OGD ✓  
Dave Nikolejsin, DM ✓

## RE: Update

---

From: Chicoine, Alisha EMLI:EX  
To: Jon Turner <jon.turner@pacifictraverse.com>  
Sent: February 3, 2021 1:29:22 PM PST  
Attachments: image002.jpg  
I have some time tomorrow morning – alright if I call you, or would you rather hop on a Teams call?

---

**From:** Jon Turner <jon.turner@pacifictraverse.com>  
**Sent:** February 3, 2021 12:52 PM  
**To:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Cc:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** Re: Update

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Mark** – thanks for getting back to me and connecting me with Alisha.

**Alisha** – I would be great to connect with you in the next couple weeks to provide some background on Pacific Traverse Energy, and an intro to the Cedar LNG Project. I have some availability tomorrow (Thursday), but otherwise am mostly booked through Wednesday morning next week.

Jonathan Turner  
Pacific Traverse Energy  
604.505.1461

---

**From:** "Urwin, Mark EMLI:EX" <Mark.Urwin@gov.bc.ca>  
**Date:** Monday, February 1, 2021 at 9:46 PM  
**To:** "jon.turner@pacifictraverse.com" <jon.turner@pacifictraverse.com>  
**Cc:** "Chicoine, Alisha EMLI:EX" <Alisha.Chicoine@gov.bc.ca>  
**Subject:** RE: Update

Hey Jon,

Was great catching up with you today as well. For the next couple of months part of my time has been seconded to the LNG Canada Implementation Secretariat to help with their regulatory team and with that, Alisha has taken up the reigns to lead the Competitiveness and Market Development team. While I'd still like to keep close to the developments of Cedar LNG, and will be working with Alisha and the Embassy on the upcoming event in China it might be good for you two to connect regarding some of the elements you raised today.

Speaking of the event in China, we were informed that due to escalating COVID cases in China the Embassy has decided to postpone the event until some point in May. With Chinese New Year approaching, much of China will be shutting down for the holiday season so the organizing committee have agreed to reconvene again early in March. Looking forward to having Cedar LNG at the event, and will loop you in when we learn some more about the new date.

Best,  
Mark

---

**From:** Jon Turner <jon.turner@pacifictraverse.com>  
**Sent:** February 1, 2021 5:17 PM  
**To:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Subject:** Re: Update

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Mark** – thanks for the quick catch up. If you could send me any info on the BC / CAN engagement with Chinese gov / industry that would be great.

Thanks,

Jonathan Turner  
Pacific Traverse Energy  
604.505.1461

---

**From:** "Urwin, Mark EMLI:EX" <[Mark.Urwin@gov.bc.ca](mailto:Mark.Urwin@gov.bc.ca)>  
**Date:** Monday, February 1, 2021 at 12:28 PM  
**To:** "[jon.turner@pacifictraverse.com](mailto:jon.turner@pacifictraverse.com)" <[jon.turner@pacifictraverse.com](mailto:jon.turner@pacifictraverse.com)>  
**Subject:** RE: Update

Hey Jon,

Great to hear from you and would love to catch up...I'm free now until 1 if you'd like to have a quick call or happy to set aside a bit more time for us tomorrow.

Best,  
Mark

Mark Urwin  
Director, Competitiveness and Market Development  
Ministry of Energy, Mines and Low Carbon Initiatives

4<sup>th</sup> Floor, 1810 Blanshard Street Victoria BC  
tel: +1-778-677-5293  
email: [mark.urwin@gov.bc.ca](mailto:mark.urwin@gov.bc.ca)

---

**From:** Jon Turner <[jon.turner@pacifictraverse.com](mailto:jon.turner@pacifictraverse.com)>  
**Sent:** February 1, 2021 11:39 AM  
**To:** Urwin, Mark EMLI:EX <[Mark.Urwin@gov.bc.ca](mailto:Mark.Urwin@gov.bc.ca)>  
**Subject:** Update

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Mark – let me know when you have time for a quick phone call. Want to bring you up to speed on a couple of things.

Thanks.

**Jonathan Turner**  
Executive Vice President, Corporate Affairs  
2500 -666 Burrard Street  
Vancouver, BC V6C 2X8  
P 604.901.2442 | M 604.505.1461  
[pacifictraverse.com](http://pacifictraverse.com)



## RE: Follow-up

---

From: Chicoine, Alisha EMLI:EX  
To: Jon Turner <jon.turner@cedarlng.com>  
Sent: February 4, 2021 4:46:27 PM PST  
Attachments: image002.png

Thanks Jon – was great connecting this afternoon. My office and cell numbers are below in my signature – my cell is the most reliable way to get in contact.

I'll send the draft NDA your way tomorrow.

All the best!

**Alisha Chicoine, Senior Economist**

Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

---

**From:** Jon Turner <jon.turner@cedarlng.com>  
**Sent:** February 4, 2021 4:44 PM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** Follow-up

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Alisha –**

Thanks for the opportunity to introduce myself and the Cedar LNG project. I will keep you in the loop on our prep for the anticipated EA public comment period in April and any announcements / project updates that are released in advance of the public comment period.

As you noted, we have some tight timelines, so best for us to start working on information requirements / process related to the competitiveness modeling / assessment work. First step is to get an NDA in place between the project and the BC Gov.

Also - Can you please send me your contact info (phone numbers) for our records.

Please don't hesitate to reach out if you have any follow-up questions / need anything from me in the interim.

Sincerely,

**JONATHAN TURNER**  
Vice President, External Affairs

2500-666 Burrard St.  
Vancouver, BC V6C 2X8  
t 604.901.2442 | m 604.5051461  
cedarlng.com



This electronic communication and the attached file(s) are subject to a disclaimer which can be found [here](#).

## Communications Protocol

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From: Chicoine, Alisha EMLI:EX  
To: Jon Turner <jon.turner@cedarlng.com>  
Sent: February 17, 2021 4:45:20 PM PST  
Attachments: 20210216 - DRAFT Communications Protocol MEMLI and Cedar LNG.docx  
Hi Jon –

I've attached a draft communications protocol to accompany the NDA. Note in Section 5 we'd be looking to you to identify appropriate positions for contact persons.

I'm reviewing the suggested edits to the NDA currently. What days next week would work for you to reconnect?

**Alisha Chicoine, Senior Economist**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

Page 018 of 212 to/à Page 020 of 212

Withheld pursuant to/removed as

s.13



## Re: Communications Protocol

---

From: Jon Turner <jon.turner@cedarlng.com>  
To: Chicoine, Alisha JERI:EX <Alisha.Chicoine@gov.bc.ca>  
Sent: February 17, 2021 6:58:29 PM PST

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Thanks Alisha** – for times next week, Wednesday morning or Tuesday afternoon is my best availability.

I will review the communications protocol and let you know if I have any questions.

Jonathan Turner  
**Cedar LNG Partners**  
604.505.1461

---

**From:** "Chicoine, Alisha EMLI:EX" <Alisha.Chicoine@gov.bc.ca>  
**Date:** Wednesday, February 17, 2021 at 4:45 PM  
**To:** Jon Turner <jon.turner@cedarlng.com>  
**Subject:** Communications Protocol

Hi Jon –

I've attached a draft communications protocol to accompany the NDA. Note in Section 5 we'd be looking to you to identify appropriate positions for contact persons.

I'm reviewing the suggested edits to the NDA currently. What days next week would work for you to reconnect?

**Alisha Chicoine, Senior Economist**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
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p: 778-974-5738  
c: 250-516-4906

## Re: BC China Office- Reconnection & Kitimat LPG Export Project

---

From: Jon Turner <jon.turner@pacifictraverse.com>  
To: Chicoine, Alisha JERI:EX <Alisha.Chicoine@gov.bc.ca>  
Sent: March 2, 2021 8:40:32 AM PST  
Attachments: RE: BC China Office- Reconnection & Kitimat LPG Export Project

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Thanks Alisha** – see response from Michelle. I will cc you on correspondence moving forward.

**Also** – our preference is to focus on the Cedar LNG project ... not the LPG Export Project. we are still marketing this opportunity, but timelines have shifted and our resourcing is focused on Cedar.

This is something we should also discuss further .... as we are confirming our internal strategy on how these projects are connected.

Jonathan Turner  
Pacific Traverse Energy  
604.505.1461

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**From:** "Chicoine, Alisha EMLI:EX" <Alisha.Chicoine@gov.bc.ca>  
**Date:** Tuesday, March 2, 2021 at 8:35 AM  
**To:** "jon.turner@pacifictraverse.com" <jon.turner@pacifictraverse.com>  
**Subject:** RE: BC China Office- Reconnection & Kitimat LPG Export Project

Hi Jon –

Thanks for this. We are in close contact in the planning of the LNG investment forum in Beijing with the Canadian Embassy in China, Alberta and NRCan. I'm tracking down the best way to coordinate these discussions with you and will get back to you shortly.

all the best,  
alisha

---

**From:** Jon Turner <jon.turner@pacifictraverse.com>  
**Sent:** March 1, 2021 10:38 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** FW: BC China Office- Reconnection & Kitimat LPG Export Project

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Alisha** – see note / response below from the inquiry from the BC China Office.

Leslie Teramoto (Wada) had made previous introductions through the trade offices within JTT.

Is there interaction between your office, the planned china / BC seminar and the BC China offices? We would like to consolidate / coordinate discussions through BC and your trade offices, to make sure the right people are kept in the loop.

Further to our note below and our discussions, the LPG project remains a viable project but we are not currently marketing / advancing this project. Our current focus is on Cedar and but we continue to entertain interest in the LPG project as well.

Jonathan Turner  
Pacific Traverse Energy

---

**From:** "jon.turner@pacifictraverse.com" <jon.turner@pacifictraverse.com>  
**Date:** Monday, March 1, 2021 at 10:21 AM  
**To:** "SiMing.Zhang@international.gc.ca" <SiMing.Zhang@international.gc.ca>  
**Subject:** Re: BC China Office- Reconnection & Kitimat LPG Export Project

**Michelle** – Thanks for reaching out and providing us with your updates. In addition to your changes, we have also had some recent changes with our operations / and project focus.

In October 2020 we became the development partner to the Haisla Nation with their Cedar LNG project located in Kitimat, B.C. and next door to the PTE Kitimat LPG Export Project. Further to this development we are currently focusing our resources on helping the Haisla execute on the Cedar LNG project.

The Kitimat LPG Export Project remains a viable project and we are always interested to hear from potential off-takers and strategic investors. There are synergies between the Cedar LNG and LPG export projects that your off takers / strategic investors might be interested in.

Please feel free to share information from the PTE website on the project. Also – please monitor the Cedarlng.com website as we will be launching a new website in a couple of weeks which will have more background on the proposed Cedar LNG project.

Jonathan Turner  
Pacific Traverse Energy  
604.505.1461

---

**From:** "SiMing.Zhang@international.gc.ca" <SiMing.Zhang@international.gc.ca>  
**Date:** Monday, March 1, 2021 at 12:08 AM  
**To:** "jon.turner@pacifictraverse.com" <jon.turner@pacifictraverse.com>  
**Subject:** BC China Office- Reconnection & Kitimat LPG Export Project

Dear Jonathan,

Hope this email finds you well.

This is Michelle Zhang from BC China Office, responsible for energy in North China region. I believe you still remember Crystal Li and Vivian Xie from BC Trade and Investment (TRI) Shanghai Office. There were many changes happened to BC TRI since 2020 so I want to share the updates with you.

Due to the organizational restructure, the BC Trade and Investment Offices in Asia were closed down in the beginning of 2020 and in July 2021, the new BC China Office were reopen. We now have 3 offices in China, collocating with the Embassy of Canada in Beijing and Canadian Consulate Generals in Shanghai and Guangzhou. Currently there are 6 people in the China Team, 4 based in Guangzhou (including the Cathy Yao, the Managing Director), 1 in Shanghai and me in Beijing. So I'm very happy to reach out to you and to get reconnected with you.

Also, I'd like to learn more about the development of Kitimat LPG Export Project. When is the expected time for full operation? Are you still looking for off-takers and strategic investors? If so, I'll introduce the project to interested LPG importers in China. Also, is the Kitimat LPG Export Project Introduction (<https://pacifictraverse.com/wp-content/uploads/2019/06/5575-PTE-Consultation-Guide-June-2019-Screen.pdf>) good enough to distribute to potential investors and importers? Or if you have a most updated version, please send a copy to me.

Look forward to hearing from you.

Best,

**Siming Zhang (Michelle) 张思明**  
Commercial Officer | 商务经理  
British Columbia China Office | 加拿大不列颠哥伦比亚省中国办事处  
[SiMing.Zhang@international.gc.ca](mailto:SiMing.Zhang@international.gc.ca)  
Telephone | Téléphone : (86-10) 5139-4117  
Facsimile | Télécopieur : (86-10) 5139-4465  
19 Dongzhimenwai Dajie, Chaoyang, Beijing, 100600



## RE: BC China Office- Reconnection & Kitimat LPG Export Project

---

From: SiMing.Zhang@international.gc.ca  
To: jon.turner@pacifictraverse.com  
Cc: Cathy.Yao@international.gc.ca, Leanne.Yi@international.gc.ca, Yvonna.Zou@international.gc.ca  
Sent: March 2, 2021 12:18:29 AM PST

Hi Jonathan,

Thanks for your quick reply and updates.

I'm sharing the Kitimat LPG project and Cedar LNG project information with my colleagues in Guangzhou and Shanghai so that they could introduce to potential investors/off takers in their territories. We'll connect you with interested clients in China once identified.

Also, I'd like to share with you that the Embassy of Canada to China, partnered with the Provinces of BC and Alberta, is organizing the LNG Value Chain Investment Forum in May to showcase Canadian LNG capabilities and to update on China LNG industry. Welcome to join that event online if you are interested and I'll update you when the date and access information are confirmed.

Again I'm very happy to get connected with you and let's keep in touch.

Best,

**Siming Zhang (Michelle) 张思明**  
Commercial Officer | 商务经理  
British Columbia China Office | 加拿大不列颠哥伦比亚省中国办事处  
[SiMing.Zhang@international.gc.ca](mailto:SiMing.Zhang@international.gc.ca)  
Telephone | Téléphone : (86-10) 5139-4117  
Facsimile | Télécopieur: (86-10) 5139-4465  
19 Dongzhimenwai Dajie, Chaoyang, Beijing, 100600  
Embassy of Canada | Ambassade du Canada | 加拿大驻华大使馆

---

**From:** Jon Turner <[jon.turner@pacifictraverse.com](mailto:jon.turner@pacifictraverse.com)>  
**Sent:** March 2, 2021 2:21 AM  
**To:** Zhang, Si Ming -BEIJING -PI <[SiMing.Zhang@international.gc.ca](mailto:SiMing.Zhang@international.gc.ca)>  
**Subject:** Re: BC China Office- Reconnection & Kitimat LPG Export Project

**Michelle** – Thanks for reaching out and providing us with your updates. In addition to your changes, we have also had some recent changes with our operations / and project focus.

In October 2020 we became the development partner to the Haisla Nation with their Cedar LNG project located in Kitimat, B.C. and next door to the PTE Kitimat LPG Export Project. Further to this development we are currently focusing our resources on helping the Haisla execute on the Cedar LNG project.

The Kitimat LPG Export Project remains a viable project and we are always interested to hear from potential off-takers and strategic investors. There are synergies between the Cedar LNG and LPG export projects that your off takers / strategic investors might be interested in.

Please feel free to share information from the PTE website on the project. Also – please monitor the [Cedarlng.com](http://Cedarlng.com) website as we will be launching a new website in a couple of weeks which will have more background on the proposed Cedar LNG project.

Jonathan Turner  
Pacific Traverse Energy  
604.505.1461

---

**From:** "[SiMing.Zhang@international.gc.ca](mailto:SiMing.Zhang@international.gc.ca)" <[SiMing.Zhang@international.gc.ca](mailto:SiMing.Zhang@international.gc.ca)>  
**Date:** Monday, March 1, 2021 at 12:08 AM

**To:** "jon.turner@pacifictraverse.com" <jon.turner@pacifictraverse.com>

**Subject:** BC China Office- Reconnection & Kitimat LPG Export Project

Dear Jonathan,

Hope this email finds you well.

This is Michelle Zhang from BC China Office, responsible for energy in North China region. I believe you still remember Crystal Li and Vivian Xie from BC Trade and Investment (TRI) Shanghai Office. There were many changes happened to BC TRI since 2020 so I want to share the updates with you.

Due to the organizational restructure, the BC Trade and Investment Offices in Asia were closed down in the beginning of 2020 and in July 2021, the new BC China Office were reopen. We now have 3 offices in China, collocating with the Embassy of Canada in Beijing and Canadian Consulate Generals in Shanghai and Guangzhou. Currently there are 6 people in the China Team, 4 based in Guangzhou (including the Cathy Yao, the Managing Director), 1 in Shanghai and me in Beijing. So I'm very happy to reach out to you and to get reconnected with you.

Also, I'd like to learn more about the development of Kitimat LPG Export Project. When is the expected time for full operation? Are you still looking for off-takers and strategic investors? If so, I'll introduce the project to interested LPG importers in China. Also, is the Kitimat LPG Export Project Introduction (<https://pacifictraverse.com/wp-content/uploads/2019/06/5575-PTE-Consultation-Guide-June-2019-Screen.pdf>) good enough to distribute to potential investors and importers? Or if you have a most updated version, please send a copy to me.

Look forward to hearing from you.

Best,

**Siming Zhang (Michelle) 张思明**

Commercial Officer | 商务经理

British Columbia China Office | 加拿大不列颠哥伦比亚省中国办事处

[SiMing.Zhang@international.gc.ca](mailto:SiMing.Zhang@international.gc.ca)

Telephone | Téléphone : (86-10) 5139-4117

Facsimile | Télécopieur: (86-10) 5139-4465

19 Dongzhimenwai Dajie, Chaoyang, Beijing, 100600

Embassy of Canada | Ambassade du Canada | 加拿大驻华大使馆

## Re: BC Gov Conditions for LNG in BC ..... Under CleanBC

---

From: Jon Turner <jon.turner@cedarlng.com>  
To: Chicoine, Alisha JERI:EX <Alisha.Chicoine@gov.bc.ca>  
Sent: March 2, 2021 5:49:51 PM PST  
Attachments: image001.png

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Thanks Alisha – this is what I was looking for. Yes I would like to discuss further. Next week's scheduled meeting is fine.

Jonathan Turner  
Cedar LNG Partners  
604.505.1461

---

**From:** "Chicoine, Alisha EMLI:EX" <Alisha.Chicoine@gov.bc.ca>  
**Date:** Tuesday, March 2, 2021 at 2:52 PM  
**To:** Jon Turner <jon.turner@cedarlng.com>  
**Subject:** RE: BC Gov Conditions for LNG in BC ..... Under CleanBC

Hi Jon –

That sounds great. The conditions were established prior to LNG Canada's FID announcement, back in March of 2018. I'm including the original press release for the new fiscal framework, which include a technical briefing and some backgrounders at the bottom of the news release from the Office of the Premier.  
<https://news.gov.bc.ca/releases/2018PREM0012-000480>

This announces the legislation enacted to remove the LNG Income Tax Act, retain the Natural Gas Tax Credit, and repeal the LNG Project Agreements Act. <https://news.gov.bc.ca/releases/2019FIN0035-000478>

With respect to CleanBC, I think there are a number of threads we can pull. Let's table this for a phone call, either our next bilateral or a separate scheduled call. Let me know what you think.

alisha

---

**From:** Jon Turner <jon.turner@cedarlng.com>  
**Sent:** March 2, 2021 2:12 PM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** BC Gov Conditions for LNG in BC ..... Under CleanBC

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Alisha** – We are assembling some background documentation on terms and conditions for how LNG projects can move forward in BC. I am familiar with the 4 conditions that were established by the NDP government, but I am interested in when these conditions were announced / established.

Can you send me the original press release or any relevant government correspondence by BC Gov that formally establishes these conditions.

I am also interested in the interaction between the CleanBC policy, the CleanBC plan and how this plan / policy interacts with LNG projects. My understanding is that the LNG conditions was established before the CleanBC policy. Although the LNG conditions reference a CleanBC Plan .... there isn't any legislation that prevents LNG projects moving forward that are not electric / but rather the LNG conditions / CleanBC plan provides the direction / conditions that BC Gov will consider future projects.

The context of this request is related to establishing the performance criteria that new LNG Projects in BC need to meet ..... and correlating this to a timeline of when the conditions, CleanBC plan and policies were both announced and when they were established.

Let me know if you need more info / or have any questions on this request. Might be easier to discuss by phone.

**JONATHAN TURNER**

Vice President, External Affairs

2500-666 Burrard St.  
Vancouver, BC V6C 2X8  
t 604.245.1002 | m 604.505.1461  
cedarlng.com



This electronic communication and the attached file(s) are subject to a disclaimer which can be found [here](#).



## Re: NRCan touchbase

---

From: Jon Turner <jon.turner@cedarlng.com>  
To: Chicoine, Alisha JERI:EX <Alisha.Chicoine@gov.bc.ca>  
Sent: March 5, 2021 2:47:39 PM PST

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Thanks Alisha** – can we do March 16 at 1300 hrs pacific. I could also make the 12 work as well if that was better.

Jonathan Turner  
**Cedar LNG Partners**  
604.505.1461

---

**From:** "Chicoine, Alisha EMLI:EX" <Alisha.Chicoine@gov.bc.ca>  
**Date:** Thursday, March 4, 2021 at 11:08 AM  
**To:** Jon Turner <jon.turner@cedarlng.com>  
**Subject:** NRCan touchbase

Hi Jon –

I've reached out to NRCan to schedule a time to meet and touch base on Cedar LNG (and pte). They came back with these times and indicated we can schedule either a half hour or hour for most of the following blocks of time:

March 10, 12, 16 or 18 at 1pm PT.  
March 19, 9-11 PT, or after 1pm PT.

**Alisha Chicoine, Senior Economist**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

## RE: New Cedar Website

---

From: Chicoine, Alisha EMLI:EX  
To: Jon Turner <jon.turner@cedarlng.com>  
Cc: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: March 5, 2021 4:35:21 PM PST  
Attachments: image001.png  
Woohoo!

Have a great weekend, Jon!

---

**From:** Jon Turner <jon.turner@cedarlng.com>  
**Sent:** March 5, 2021 4:02 PM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Cc:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Subject:** New Cedar Website

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Alisha** – we just launched a new Cedar website ..... which will give you more information on the project and a flavour with where we are going with key project messages.

Please visit - [cedarlng.com](https://cedarlng.com) to see the site.

**JONATHAN TURNER**  
Vice President, External Affairs

2500-666 Burrard St.  
Vancouver, BC V6C 2X8  
t 604.245.1002 | m 604.505.1461  
[cedarlng.com](https://cedarlng.com)



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## Re: draft NDA

---

From: Jon Turner <jon.turner@cedarlng.com>  
To: Chicoine, Alisha JERI:EX <Alisha.Chicoine@gov.bc.ca>  
Sent: March 10, 2021 9:05:06 AM PST  
Attachments: image001.png, image002.png, 20210310 - Communications Protocol MEMLI and Cedar LNG.pdf

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Alisha – see attached for signed communications protocol. Sorry this slipped my mind.

Jonathan Turner  
Cedar LNG Partners  
604.505.1461

---

**From:** "Chicoine, Alisha EMLI:EX" <Alisha.Chicoine@gov.bc.ca>  
**Date:** Monday, March 1, 2021 at 12:11 PM  
**To:** Jon Turner <jon.turner@cedarlng.com>  
**Subject:** RE: draft NDA

Great – thank you. Ideally I'll send this up for signature along with the Communications Protocol, so I'll keep an eye out for that from you.

alisha

---

**From:** Jon Turner <jon.turner@cedarlng.com>  
**Sent:** March 1, 2021 11:52 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** Re: draft NDA

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Thanks** – see attached for a copy signed by Cedar LNG Partners LP. Please send back the executed version.

Thanks,

Jonathan Turner  
Cedar LNG Partners  
604.505.1461

---

**From:** "Chicoine, Alisha EMLI:EX" <Alisha.Chicoine@gov.bc.ca>  
**Date:** Monday, March 1, 2021 at 11:08 AM  
**To:** Jon Turner <jon.turner@cedarlng.com>  
**Subject:** RE: draft NDA

Apologies for the oversight! Corrected.

---

**From:** Jon Turner <jon.turner@cedarlng.com>  
**Sent:** March 1, 2021 11:01 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** Re: draft NDA

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Thanks Alisha – there is still reference to May 29, 2020 in the first paragraph of the document. Is this a significant date ... or should this be updated to March 1, 2021. Not sure if we need this to cover and previous discussions / business with Cedar LNG.

Please advise.

Jonathan Turner  
Cedar LNG Partners  
604.505.1461

---

**From:** "Chicoine, Alisha EMLI:EX" <Alisha.Chicoine@gov.bc.ca>  
**Date:** Monday, March 1, 2021 at 10:57 AM  
**To:** Jon Turner <jon.turner@cedarlng.com>  
**Subject:** RE: draft NDA

Thanks Jon. Returning a clean version with updated dates and legal notices address. Let me know if you need anything else.

best,  
alisha

---

**From:** Jon Turner <jon.turner@cedarlng.com>  
**Sent:** March 1, 2021 10:53 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** Re: draft NDA

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Sorry Alisha – one more thing .... Please use the address in the signature block below for the legal notices address. Please make legal notices attention to Zach Steele CEO.

Let me know if you need any other info from us. Thanks.

**JONATHAN TURNER**  
Vice President, External Affairs  
  
2500-666 Burrard St.  
Vancouver, BC V6C 2X8  
t 604.245.1002 | m 604.505.1461  
[cedarlng.com](http://cedarlng.com)



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**From:** Jon Turner <jon.turner@cedarlng.com>  
**Date:** Monday, March 1, 2021 at 10:49 AM  
**To:** "Chicoine, Alisha EMLI:EX" <Alisha.Chicoine@gov.bc.ca>  
**Subject:** Re: draft NDA

**Alisha** – I can confirm that we are ok with these changes. Can you please send a clean copy with the updated dates so we can execute on our side.

I will keep this copy as the mark-up / redline for our records.

Thanks,

Jonathan Turner  
**Cedar LNG Partners**  
604.505.1461

---

**From:** "Chicoine, Alisha EMLI:EX" <[Alisha.Chicoine@gov.bc.ca](mailto:Alisha.Chicoine@gov.bc.ca)>  
**Date:** Wednesday, February 24, 2021 at 11:51 AM  
**To:** Jon Turner <[jon.turner@cedarlng.com](mailto:jon.turner@cedarlng.com)>  
**Subject:** RE: draft NDA

Hi Jon –

As promised, I've annotated our thoughts on the proposed changes.

best,  
Alisha

---

**From:** Jon Turner <[jon.turner@cedarlng.com](mailto:jon.turner@cedarlng.com)>  
**Sent:** February 12, 2021 2:51 PM  
**To:** Chicoine, Alisha EMLI:EX <[Alisha.Chicoine@gov.bc.ca](mailto:Alisha.Chicoine@gov.bc.ca)>  
**Cc:** Urwin, Mark EMLI:EX <[Mark.Urwin@gov.bc.ca](mailto:Mark.Urwin@gov.bc.ca)>  
**Subject:** Re: draft NDA

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

**Thanks Alisha** – lets also try to book a catch up meeting for the week of Feb 22.

I am looking forward to the long weekend! Talk next week.

Jonathan Turner  
**Cedar LNG Partners**  
604.505.1461

---

**From:** "Chicoine, Alisha EMLI:EX" <[Alisha.Chicoine@gov.bc.ca](mailto:Alisha.Chicoine@gov.bc.ca)>  
**Date:** Friday, February 12, 2021 at 2:48 PM  
**To:** Jon Turner <[jon.turner@cedarlng.com](mailto:jon.turner@cedarlng.com)>  
**Cc:** "Urwin, Mark EMLI:EX" <[Mark.Urwin@gov.bc.ca](mailto:Mark.Urwin@gov.bc.ca)>  
**Subject:** RE: draft NDA

Thanks Jon!

I'll get back to you next week with our legal team's feedback and the Communications Protocol.

Have a great long weekend!  
alisha

---

**From:** Jon Turner <[jon.turner@cedarlng.com](mailto:jon.turner@cedarlng.com)>  
**Sent:** February 12, 2021 2:41 PM

**To:** Chicoine, Alisha EMLI:EX <[Alisha.Chicoine@gov.bc.ca](mailto:Alisha.Chicoine@gov.bc.ca)>

**Cc:** Urwin, Mark EMLI:EX <[Mark.Urwin@gov.bc.ca](mailto:Mark.Urwin@gov.bc.ca)>

**Subject:** Re: draft NDA

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

**Alisha –**

Please find attached the NDA with a couple of minor edits for your consideration. I understand that it may be difficult to make changes to the NDA. In reviewing changes made by our legal, they minor in nature ..... so we could probably live without them if we have to.

**Also –** the NDA refers to a Communications Protocol between the parties. Can you send us a copy or a definition for what the “Communications Protocol” is.

Thanks,

**JONATHAN TURNER**

Vice President, External Affairs

2500-666 Burrard St.  
Vancouver, BC V6C 2X8  
t 604.245.1002 | m 604.505.1461  
[cedarlng.com](http://cedarlng.com)



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**From:** "Chicoine, Alisha EMLI:EX" <[Alisha.Chicoine@gov.bc.ca](mailto:Alisha.Chicoine@gov.bc.ca)>

**Date:** Friday, February 5, 2021 at 9:58 AM

**To:** Jon Turner <[jon.turner@cedarlng.com](mailto:jon.turner@cedarlng.com)>

**Cc:** "Urwin, Mark EMLI:EX" <[Mark.Urwin@gov.bc.ca](mailto:Mark.Urwin@gov.bc.ca)>

**Subject:** draft NDA

Hi Jon –

As promised, I'm attaching a draft NDA to look over. Please let me know if you have any comments or questions – more than happy to chat.

**Alisha Chicoine, Senior Economist**

Economics and Market Development | Oil and Gas Division

Ministry of Energy, Mines and Low Carbon Innovation

4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC

p: 778-974-5738

c: 250-516-4906

Page 035 of 212 to/à Page 037 of 212

Withheld pursuant to/removed as

s.13

**From:** [Cochrane, Marlene EMLI:EX](#)  
**To:** [Leinweber, Rachelle R EMLI:EX](#)  
**Cc:** [Mah-Paulson, May EMLI:EX](#)  
**Subject:** DM IN REQUEST - Cedar LNG  
**Date:** March 11, 2021 2:48:47 PM

---

Hi Rachelle. Please see below; I will send out an EA. Thank you.

**Marlene Cochrane**  
Executive Coordinator | Deputy Minister's Office  
Ministry of Energy, Mines and Low Carbon Innovation  
Victoria | British Columbia  
Phone (778) 698 7254

---

**From:** Jang, Monica EMLI:EX <Monica.Jang@gov.bc.ca>  
**Sent:** March 11, 2021 2:44 PM  
**To:** Cochrane, Marlene EMLI:EX <Marlene.Cochrane@gov.bc.ca>  
**Subject:** DM IN REQUEST - Cedar LNG

Hi Marlene,

DM would like a note on the background of this project along with status and timelines. Make sure they include who the players/proponents are as well.

Due next Weds please.

Thanks,

Monica.





**Canadian energy  
produced cleanly,  
responsibly  
and efficiently.**

[cedarlng.com](http://cedarlng.com)

Page 040 of 212 to/à Page 041 of 212

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Copyright

## Project Partners

LNG Partners brings together the Haisla Nation, Pacific Traverse Energy and Delfin Midstream to develop the Cedar LNG Project.



Keep in touch by visiting [cedarlng.com](https://cedarlng.com) and by subscribing to the Cedar LNG newsletter.



## Re: Cedar LNG/EMLI/NRCan

---

From: Jon Turner <jon.turner@cedarlng.com>  
To: Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>, chris.evans@canada.ca, Gowan, Blair (NRCAN/RNCAN) <blair.gowan@canada.ca>, Hwang, Susan (NRCAN/RNCAN) <susan.hwang@canada.ca>, Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Turner, Geoff J EMLI:EX <Geoff.Turner@gov.bc.ca>  
Sent: March 16, 2021 5:22:59 PM PDT  
Attachments: image001.png, Cedar LNG Project Introduction.pdf

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Hello** – thanks for the intro meeting today, sorry that I was having network issues.

Further to our discussion, please find attached a project intro / overview handout. Once we have finalized our deck I can share this with you as well.

In the interim, please don't hesitate to get in touch should you have any further questions regarding the Cedar LNG project.

Sincerely,

**JONATHAN TURNER**  
Vice President, External Affairs

2500-666 Burrard St.  
Vancouver, BC V6C 2X8  
t 604.245.1002 | m 604.505.1461  
cedarlng.com



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**From:** Alisha.Chicoine@gov.bc.ca  
**When:** 1:00 PM - 2:00 PM March 16, 2021  
**Subject:** Cedar LNG/EMLI/NRCan  
**Location:** Microsoft Teams Meeting

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## Re: meeting with Michelle Carr

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From: Jon Turner <jon.turner@cedarlng.com>  
To: Chicoine, Alisha JERI:EX <Alisha.Chicoine@gov.bc.ca>  
Sent: March 17, 2021 3:20:20 PM PDT

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Thanks Alisha** – yes I would like to meet with Michelle Card. Please connect me with her assistant.

Jonathan Turner  
Cedar LNG Partners  
604.505.1461

---

**From:** "Chicoine, Alisha EMLI:EX" <Alisha.Chicoine@gov.bc.ca>  
**Date:** Wednesday, March 17, 2021 at 2:10 PM  
**To:** Jon Turner <jon.turner@cedarlng.com>  
**Subject:** meeting with Michelle Carr

Hi Jon –

Just got a note from Mark saying that the ADM for the LNG Canada Implementation Secretariat in our ministry is interested in setting up a connect with you. If that sounds agreeable, I'll connect you with her assistant to set up a time.

**Alisha Chicoine, Senior Economist**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

## FW: meeting request: Michelle Car/Cedar LNG

---

From: Chicoine, Alisha EMLI:EX  
To: Jon Turner <jon.turner@cedarlng.com>  
Sent: April 7, 2021 10:17:08 AM PDT  
Attachments: image001.png  
Hi Jon –

Unfortunately Michelle Carr has been double booked for a half day session with our Deputy Minister on April 13<sup>th</sup>. Do any of the following times that Susan has noted below work for you?

all the best,  
Alisha

---

**From:** Lewis, Susan L EMLI:EX <Susan.Lewis@gov.bc.ca>  
**Sent:** April 7, 2021 10:15 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** RE: meeting request: Michelle Car/Cedar LNG

Good morning, Alisha.

I must apologize, our Deputy has booked a half day session on April 13, therefore, we must find a new time for Jon and Michelle.

Can you please let me know if any of the times below work for Jon and I will update the meeting invite.

April 20	9 – 9:30
April 21	3:45 – 4:30
April 22	9 – 9:30
April 22	10 – 10:30
April 22	2:15 – 2:45

Thank you.

### Susan Lewis

Executive Administrative Assistant to Assistant Deputy Minister Michelle Carr  
LNG Canada Implementation Secretariat  
Ministry of Energy, Mines and Low Carbon Innovation  
**Phone:** 778-698-9257

---

**From:** Jon Turner <jon.turner@cedarlng.com>  
**Sent:** March 18, 2021 11:15 PM  
**To:** Lewis, Susan L EMLI:EX <Susan.Lewis@gov.bc.ca>; Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Cc:** Lucy Shen <lucy.shen@cedarlng.com>  
**Subject:** Re: meeting request: Michelle Car/Cedar LNG

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Thanks Susan – April 13 at 11 works well for me. I have a hold on this time in my calendar.

### JONATHAN TURNER

Vice President, External Affairs

2500-666 Burrard St.  
Vancouver, BC V6C 2X8  
t 604.245.1002 | m 604.505.1461  
cedarlng.com



This electronic communication and the attached file(s) are subject to a disclaimer which can be found [here](#).

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**From:** "Lewis, Susan L EMLI:EX" <[Susan.Lewis@gov.bc.ca](mailto:Susan.Lewis@gov.bc.ca)>  
**Date:** Thursday, March 18, 2021 at 8:55 PM  
**To:** "Chicoine, Alisha EMLI:EX" <[Alisha.Chicoine@gov.bc.ca](mailto:Alisha.Chicoine@gov.bc.ca)>, Jon Turner <[jon.turner@cedarlng.com](mailto:jon.turner@cedarlng.com)>  
**Subject:** RE: meeting request: Michelle Car/Cedar LNG

Thank you, Alisha.

Hello Jon.

I would be happy to set up a time for you to connect with Michelle and Mark. I will provide some of their availability and if a couple of the times works for you, I will schedule a Teams meeting.

April 13	11 am
April 13	3:45 pm
April 14	3:45 pm
April 16	11 am

Thank you.

**Susan Lewis**

Executive Administrative Assistant to Assistant Deputy Minister Michelle Carr  
LNG Canada Implementation Secretariat  
Ministry of Energy, Mines and Low Carbon Innovation  
**Phone:** 778-698-9257

---

**From:** Chicoine, Alisha EMLI:EX <[Alisha.Chicoine@gov.bc.ca](mailto:Alisha.Chicoine@gov.bc.ca)>  
**Sent:** March 17, 2021 4:42 PM  
**To:** Lewis, Susan L EMLI:EX <[Susan.Lewis@gov.bc.ca](mailto:Susan.Lewis@gov.bc.ca)>  
**Cc:** Jon Turner <[jon.turner@cedarlng.com](mailto:jon.turner@cedarlng.com)>  
**Subject:** meeting request: Michelle Car/Cedar LNG

Hi Susan!

Mark let me know that Michelle has requested a meeting with Cedar LNG – so I thought I'd connect you with Jon Turner, the VP of External Affairs at Cedar LNG. Together I'm sure you can find a time for Michelle and Jon to connect.

Best,

**Alisha Chicoine, Senior Economist**

Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

## Carbon Tax/GGIRCA legislation

---

From: Chicoine, Alisha EMLI:EX  
To: Jon Turner <jon.turner@cedarlng.com>  
Sent: April 7, 2021 1:49:04 PM PDT  
Hi Jon –

As promised, here are some pieces of legislation to share with your group on carbon tax modelling for Cedar LNG. Happy to discuss questions.

OIC signed in 2019 that established the mechanisms for LNG to be eligible for rebates on carbon tax above \$30/tCO<sub>2</sub>e.  
[OIC 580/2019](#)

GGIRCA 7(65) establishes the emissions benchmark for LNG production in BC: [Greenhouse Gas Industrial Reporting and Control Act \(gov.bc.ca\)](#)

### **Alisha Chicoine, Senior Economist**

Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906



## meeting w Michelle Carr

---

From: Chicoine, Alisha EMLI:EX  
To: Jon Turner <jon.turner@cedarlng.com>  
Sent: April 14, 2021 10:03:35 AM PDT  
Hey Jon –

Michelle has seen your project overview document. I think a pointed run through of your deck, in particular the relationship with LNG Canada and your project timelines, might be helpful before hitting some discussion points.

Not to add to a list of topics to cover, but she may also enquire about plans to socialize the project with politicians – worth thinking about a response if it comes up.

### **Alisha Chicoine, Senior Economist**

Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

## RE: quick question re: beijing event

---

From: Chicoine, Alisha EMLI:EX  
To: Jon Turner <jon.turner@cedarlng.com>  
Sent: April 15, 2021 8:44:14 AM PDT  
Thanks Jon.

We'll continue to work with the Beijing embassy to firm up dates and the agenda to help you plan accordingly.

---

**From:** Jon Turner <jon.turner@cedarlng.com>  
**Sent:** April 15, 2021 8:42 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** Re: quick question re: beijing event

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

I think that depends on the meeting agenda / topics of discussion etc and specific date of the event. It would likely be either our CEO Zach Steele or myself. We would likely also invite Haisla leadership to the event and our CFO who leads commercial discussions for coverage.

Depending on the date of the event that may also influence who we have as our presenter.

Jonathan Turner  
Cedar LNG Partners  
604.505.1461

---

**From:** "Chicoine, Alisha EMLI:EX" <Alisha.Chicoine@gov.bc.ca>  
**Date:** Thursday, April 15, 2021 at 8:38 AM  
**To:** Jon Turner <jon.turner@cedarlng.com>  
**Subject:** quick question re: beijing event

Hey Jon –

Quick question for you – who is planning to speak at the Beijing event on Cedar's behalf?

**Alisha Chicoine, Senior Economist**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

## RE: [EXT] LNG touchbase

---

From: Justin Smith <JuSmith@pembina.com>  
To: Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
Sent: April 19, 2021 12:23:20 PM PDT

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

That works well, Alisha. Feel free to send through a calendar invite. I look forward to the discussion.

Regards,

**Justin Smith** - Manager, Government Relations

Pembina Pipeline Corporation | 4000, 585 8<sup>th</sup> Avenue S.W. Calgary, AB T2P 1G1  
Tel: (587) 534-6514 | Cell: (403) 519-9327 | [jusmith@pembina.com](mailto:jusmith@pembina.com)

---

**From:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Sent:** Monday, April 19, 2021 1:19 PM  
**To:** Justin Smith <JuSmith@pembina.com>  
**Subject:** RE: [EXT] LNG touchbase

How does 11am on Friday sound?

---

**From:** Justin Smith <JuSmith@pembina.com>  
**Sent:** April 19, 2021 10:51 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** RE: [EXT] LNG touchbase

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Thanks, Alisha. We were happy to see it all come together and appreciate your support.

Yes, an LNG chat between is probably long overdue. Would you have some availability this Friday to chat? I'm free most of the morning or from 1:30-3:30PM PST.

Regards,

Justin

---

**From:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Sent:** Thursday, April 15, 2021 2:25 PM  
**To:** Justin Smith <JuSmith@pembina.com>  
**Subject:** [EXT] LNG touchbase

Hi Justin —

A big congratulations to Pembina on their successful virtual ribbon cutting event earlier this week!

Mark mentioned to me that Cedar LNG had piqued your interest a couple of weeks back. Would you like to connect with us in the next week or so to chat about LNG prospects in BC?

**Alisha Chicoine, Senior Economist**

Economics and Market Development | Oil and Gas Division

Ministry of Energy, Mines and Low Carbon Innovation

4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC

p: 778-974-5738

c: 250-516-4906

## RE: Connect: Jon & Alisha

---

From: Chicoine, Alisha EMLI:EX  
To: Jon Turner <jon.turner@cedarlng.com>  
Sent: April 28, 2021 8:28:01 AM PDT

Hi Jon – not a problem at all, and actually serendipitous as I have a conflict as well. I'll reschedule for next week.

I've started a list of folks I'm thinking of the cross-government mini workshop. Let's talk timing and approach next week.

Awesome to hear about the invite from the embassy

best,  
alisha

---

**From:** Jon Turner <jon.turner@cedarlng.com>  
**Sent:** April 28, 2021 8:23 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** Re: Connect: Jon & Alisha

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Alisha** – I have a conflict this morning for our meeting. Can we cancel this morning. Perhaps we can push this meeting till next week?

Further to our call with Mark last week, I would like to discuss the government ministry mini workshop idea and timing of this.

**Also** – we received our formal invite from GC for the Beijing workshop on May 27<sup>th</sup>.

Let me know if there are any specific items you need my input on.

Jonathan Turner  
Cedar LNG Partners  
604.505.1461

---

**From:** [Alisha.Chicoine@gov.bc.ca](mailto:Alisha.Chicoine@gov.bc.ca)  
**When:** 9:30 AM - 10:15 AM April 28, 2021  
**Subject:** Connect: Jon & Alisha  
**Location:** Microsoft Teams Meeting

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## Microsoft Teams meeting

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## RE: BC Gov/Cedar LNG workshop

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From: Chicoine, Alisha EMLI:EX  
To: Jon Turner <jon.turner@cedarlng.com>  
Sent: May 10, 2021 10:03:46 AM PDT  
Happy Monday Jon -

At the time, it looked like May 26<sup>th</sup> would be the best day to ensure the majority could attend, even when looking at the first week of June. I looked again this morning, and I think there are a few more options:

- June 2: 1-2:30
- June 4: 10:30-noon or 2-3:30

Let me know what your thoughts are and I'll look to book the time ASAP and secure a spot for us in folks' calendars.

best,  
alisha

---

**From:** Jon Turner <jon.turner@cedarlng.com>  
**Sent:** May 7, 2021 4:47 PM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** Re: BC Gov/Cedar LNG workshop

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

**Thanks Alisha** – any chance we could do the workshop in early June. I have a lot going on in this last week of May prior to kicking off our public comment period. We are also passing through a project gate in the last two weeks of May, so lots of internal things are booked for these two weeks.

If this is the best week for you ..... I think I can make May 26<sup>th</sup> work. May 28<sup>th</sup> does not work for me or our team.

Jonathan Turner  
Cedar LNG Partners  
604.505.1461

---

**From:** "Chicoine, Alisha EMLI:EX" <Alisha.Chicoine@gov.bc.ca>  
**Date:** Thursday, May 6, 2021 at 4:04 PM  
**To:** Jon Turner <jon.turner@cedarlng.com>  
**Subject:** BC Gov/Cedar LNG workshop

Hi Jon –

I'm looking at these possible for time slots for the last week of May for an **1.5 hour meeting**:

- May 26: 1-3pm, preferably 1-1:30pm
- May 28: 10am-noon or 1-4pm

Let me know if any one of those might work for you.

**Alisha Chicoine, Senior Economist**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

**MINISTRY OF ENERGY, MINES AND LOW CARBON INNOVATION**

**BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Fazil Mihlar, Deputy Minister, Minister of Energy, Mines and Low Carbon Innovation

**ISSUE:** Cedar LNG

**BACKGROUND:**

The Cedar LNG project is a proposed floating Liquefied Natural Gas (LNG) facility and export terminal located in Kitimat, British Columbia (BC) within the traditional territory of the Haisla Nation with an anticipated export capacity of 3 to 4 million tonnes per annum. The project was initially proposed by the Haisla Nation. In November 2020, the Haisla Nation approved Cedar LNG's partnership with Pacific Traverse Energy (PTE), a Vancouver-based energy infrastructure development company, and Delfin Midstream, an LNG export development company specializing in low-cost floating LNG technology. PTE and Delfin Midstream will work as the developers for the majority Haisla-owned project.

Cedar LNG entered the environmental assessment process August 2019. In January 2020, Cedar LNG was granted substitution by the federal Minister of Environment and Climate Change. This allows the project to undergo the provincial environmental assessment process to satisfy federal environmental assessment requirements.

The proponents plan to design Cedar LNG as a fully electric drive floating liquefaction facility that seeks to minimize impact to the local environment. Cedar LNG is working with BC Hydro exploring options to power the project with electricity from the provincial transmission grid. If grid electrification is not feasible, Cedar LNG would self-generate electricity using a gas turbine.

**DISCUSSION:**

Cedar LNG hopes to make a positive Final Investment Decision (FID) in 2023 with first export in 2027. The project would draw its feedstock gas from the Coastal Gaslink (CGL) pipeline. Forecasted to cost C\$1.8-2.5 billion, the project could employ 350-500 construction workers and create 70-100 permanent operation jobs.

Cedar LNG faces several key milestones in its project timeline that are time-sensitive and do not allow for significant schedule slippage. s.13

s.13

s.13 Consequently, Cedar LNG is aiming to receive their Environmental Assessment Certificate (EAC) by late 2022 in order to make FID in 2023 and to be operational by 2027. The project is in regular contact with Ministry staff and has indicated the focus for the next three to six months will be on their commercial activities and their Environmental Assessment application process.

### **Environmental Assessment**

The project is engaging with BC's Environmental Assessment Office (EAO) in its EAC application following its initial project description submission in August 2019. The process has been slower than originally planned, mostly due to the partnership negotiations between Haisla Nation and PTE and Delfin. Cedar LNG continues to engage with EAO and will enter the public comment and engagement period through virtual town halls later in April this year.

### **Electricity availability**

A preliminary estimate from Cedar LNG's initial project description filed to the EAO expects the LNG production unit and auxiliary demand to be approximately 214 megawatts of power.

BC Hydro would be the supplier of electricity through the provincial transmission grid, s.12; s.12; s.13; s.16

s.12; s.13; s.16

Cedar LNG continues to engage with

BC Hydro as a potential industrial customer.

### **Fiscal Measures**

Before LNG Canada made its FID, the Province and the proponent undertook a joint financial analysis of the project that allowed all parties to understand the potential impacts of movements to fiscal levers. s.12; s.13; s.16

s.12; s.13; s.16

s.12; s.13; s.16

for LNG projects

that meet the following four conditions: guarantee a fair return for BC's natural resources; guarantee jobs and training opportunities for British Columbians; respect and make partners of First Nations; and meet BC's climate commitments. s.12; s.13; s.16 LNG Canada received a PST exemption and payments through an Operating Performance Payments Agreement after an extensive joint financial modelling exercise with the Province. There were also established electricity rates from BC Hydro consistent with other industrial customers in BC, carbon tax rebates and the elimination of the LNG income tax and retention of the Natural Gas Tax Credit (NGTC).

Cedar LNG would be eligible for the NGTC and would receive up to a 3 per cent reduction in their corporate income tax rate from 12 per cent. It would also qualify for the BC Hydro industrial rate and carbon tax rebates under the CleanBC industrial incentive program. s.12; s.12; s.13; s.16



**CONCLUSION:**

Projects such as Cedar LNG open the door to global markets for BC, while creating sustainable jobs and economic development that makes meaningful partners of Indigenous peoples. The Province is supportive of the Cedar LNG project, and will continue to engage with the project and with the Haisla Nation and Cedar LNG as they move through their project development.

**Attachments:** Cedar LNG Project Introduction

**DRAFTED BY:**

Alisha Chicoine, A/Director OGD

**APPROVED BY:**

Geoff Turner, ED OGD✓

May Mah-Paulson, ADM OGD✓

**From:** [Jang, Monica EMLI:EX](#)  
**To:** [Mah-Paulson, May EMLI:EX](#)  
**Cc:** [Turner, Geoff J EMLI:EX](#); [Urwin, Mark EMLI:EX](#); [McCann, Meghan EMLI:EX](#); [Leinweber, Rachelle R EMLI:EX](#)  
**Subject:** RE: Urgent PO Request: BN on Cedar LNG  
**Date:** June 17, 2021 5:16:38 PM

---

Hi May and Team:

Fazil also asked that you point out the \$2.6B in capex and offtake of 25% already secured and Pembina's 50% stake. Also that it is fully electric and GHG intensity. You can connect with Rachel Shaw as she has on hand.

FYI and thanks,

Monica.

---

**From:** Mah-Paulson, May EMLI:EX <May.Mah-Paulson@gov.bc.ca>  
**Sent:** June 17, 2021 5:15 PM  
**To:** Jang, Monica EMLI:EX <Monica.Jang@gov.bc.ca>  
**Cc:** Turner, Geoff J EMLI:EX <Geoff.Turner@gov.bc.ca>; Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>; McCann, Meghan EMLI:EX <Meghan.McCann@gov.bc.ca>; Leinweber, Rachelle R EMLI:EX <Rachelle.Leinweber@gov.bc.ca>  
**Subject:** RE: Urgent PO Request: BN on Cedar LNG

Thanks for the heads up, Monica!

May

---

**From:** Jang, Monica EMLI:EX <[Monica.Jang@gov.bc.ca](mailto:Monica.Jang@gov.bc.ca)>  
**Sent:** June 17, 2021 5:13 PM  
**To:** Mah-Paulson, May EMLI:EX <[May.Mah-Paulson@gov.bc.ca](mailto:May.Mah-Paulson@gov.bc.ca)>  
**Cc:** Turner, Geoff J EMLI:EX <[Geoff.Turner@gov.bc.ca](mailto:Geoff.Turner@gov.bc.ca)>; Urwin, Mark EMLI:EX <[Mark.Urwin@gov.bc.ca](mailto:Mark.Urwin@gov.bc.ca)>; McCann, Meghan EMLI:EX <[Meghan.McCann@gov.bc.ca](mailto:Meghan.McCann@gov.bc.ca)>; Leinweber, Rachelle R EMLI:EX <[Rachelle.Leinweber@gov.bc.ca](mailto:Rachelle.Leinweber@gov.bc.ca)>  
**Subject:** Urgent PO Request: BN on Cedar LNG  
**Importance:** High

Hi May,

Flagging for you this rush request for an update on the Cedar LNG note. Meghan will assign over but I want to ensure you and your team got the heads up asap.

FYI and thanks,

Monica.

---

**From:** Cuddy, Andrew EMLI:EX <[Andrew.Cuddy@gov.bc.ca](mailto:Andrew.Cuddy@gov.bc.ca)>  
**Sent:** June 17, 2021 5:11 PM  
**To:** McCann, Meghan EMLI:EX <[Meghan.McCann@gov.bc.ca](mailto:Meghan.McCann@gov.bc.ca)>  
**Cc:** Jang, Monica EMLI:EX <[Monica.Jang@gov.bc.ca](mailto:Monica.Jang@gov.bc.ca)>; Mihlar, Fazil EMLI:EX <[Fazil.Mihlar@gov.bc.ca](mailto:Fazil.Mihlar@gov.bc.ca)>; Robb, Amanda EMLI:EX <[Amanda.Robb@gov.bc.ca](mailto:Amanda.Robb@gov.bc.ca)>  
**Subject:** Urgent PO Request: BN on Cedar LNG  
**Importance:** High

We need the attached BN on Cedar LNG updated with details of Pembina Pipeline investment (and any other recent developments).

For the Premier. They requested it by end of day tomorrow (Friday)

Thank you!

Date: June 18, 2021  
CLIFF: 114012

## **MINISTRY OF ENERGY, MINES AND LOW CARBON INNOVATION**

### **BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable John Horgan, Premier of British Columbia

**ISSUE:** Cedar LNG

#### **BACKGROUND:**

The Cedar LNG project is a proposed floating Liquefied Natural Gas (LNG) facility and export terminal located in Kitimat, British Columbia (BC) within the traditional territory of the Haisla Nation. Cedar LNG is located on Haisla-owned land in the Douglas Channel. The project is planned as a floating liquefaction facility that would operate with electricity from the BC Hydro grid. The project is anticipated to cost US\$2.4 billion and has an anticipated export capacity of 3 to 4 million tonnes per annum.

Cedar LNG was initially proposed by the Haisla Nation. In November 2020, the Haisla Nation approved Cedar LNG's partnership with Pacific Traverse Energy (PTE), a Vancouver-based energy infrastructure development company, and Delfin Midstream, an LNG export development company specializing in low-cost floating LNG technology. Most recently, on June 8, 2021, Pembina Pipeline Corporation (Pembina) and the Haisla Nation announced their partnership on the Cedar LNG Project. Pembina will assume the equity interests currently owned by PTE and Delfin Midstream and operatorship of Cedar LNG going forward.

Cedar LNG entered the environmental assessment process August 2019. In January 2020, Cedar LNG was granted substitution by the federal Minister of Environment and Climate Change. This allows the project to undergo the provincial environmental assessment process to satisfy federal environmental assessment requirements.

Cedar LNG is working with BC Hydro exploring options to power the project with electricity from the provincial transmission grid. If grid electrification is not feasible, Cedar LNG would self-generate electricity using a gas turbine. Should the project be fully electrified, Cedar LNG's greenhouse gas emissions intensity is estimated to be 0.056 tCO<sub>2</sub>e/t LNG (compared to an expected intensity of 0.15 for LNG Canada).

#### **DISCUSSION:**

Cedar LNG hopes to make a positive Final Investment Decision (FID) in 2023 with first export in 2027. To minimize impact to the local environment, Cedar LNG is planned as a floating liquefaction facility that would fully utilize electricity from the BC Hydro grid as the power source for the liquefaction of natural gas for export. Forecasted to cost US\$2.4 billion, the project could employ 350-500 construction workers and create 70-100 permanent operation jobs. The project would draw its feedstock gas from the Coastal Gaslink (CGL) pipeline.

Cedar LNG faces several key milestones in its project timeline that are time-sensitive and do not allow for significant schedule slippage. s.16

s.16

s.16 Consequently, Cedar LNG is aiming to receive their Environmental Assessment Certificate (EAC) by late 2022 in order to make FID in 2023 and to be operational by 2027. The project is in regular contact with Ministry staff and has indicated the focus for the next three to six months will be on their commercial activities and their Environmental Assessment application process.

### **Pembina**

Pembina is a leading transportation and midstream service provider, owning an integrated system of pipelines that transport various hydrocarbon liquids and natural gas products produced primarily in western Canada. Pembina also owns gas gathering and processing facilities, an oil and natural gas liquids infrastructure and logistics business and is growing an export terminals business. Pembina brought a propane export terminal in Prince Rupert into service earlier this year.

Pembina has spent several years working to advance the development of the Jordan Cove LNG project in Oregon. In April 2021 Pembina announced they would pause its development to reassess the impact of recent regulatory decisions. s.21

s.21

s.21 . Pembina expects to invest US\$90 million in Cedar LNG over the next 24 months on pre-FID development costs and costs to acquire its interest in the partnership.

### **Environmental Assessment and Permitting**

The project is engaging with BC's Environmental Assessment Office (EAO) on its Environmental Assessment Certificate (EAC) application following its initial project description submission in August 2019. s.21

s.21

s.21 Cedar LNG continues to engage with EAO. Cedar LNG is currently in the public comment period. Early in June 2021, Cedar LNG held two Virtual Open Houses on their draft Application Information Requirements.

Cedar LNG has been working with TC Energy to develop the Cedar LNG pipeline that would connect CGL to the Cedar LNG facility. This pipeline does not trigger the requirements for an EAC and all required permitting would be through the Oil and Gas Commission.

### **Electricity availability**

A preliminary estimate from Cedar LNG's initial project description filed to the EAO expects the LNG production unit and auxiliary demand to be approximately 214 megawatts of power. BC Hydro would be the supplier of electricity through the provincial transmission grid, s.12

s.12; s.13; s.16

s.12; s.13; s.16

Cedar LNG continues to engage with

Page 2 of 3

BC Hydro as a potential industrial customer.

### **Fiscal Measures**

Before LNG Canada made its FID, the Province and LNG Canada undertook a joint financial analysis of the project that allowed all parties to understand the potential impacts of movements to fiscal levers. s.12; s.13; s.16

s.12; s.13; s.16

s.12; s.13; s.16

available for LNG projects that meet the Province's four conditions: guarantee a fair return for BC's natural resources; guarantee jobs and training opportunities for British Columbians; respect and make partners of First Nations; and meet BC's climate commitments. s.12; s.13; s.16, LNG Canada received a PST exemption in exchange for payments through an Operating Performance Payments Agreement. There were also measures established related to electricity rates from BC Hydro, carbon tax rebates and the elimination of the LNG income tax and retention of the Natural Gas Tax Credit (NGTC).

Cedar LNG would be eligible for the NGTC and would receive up to a 3 per cent reduction in their corporate income tax rate from 12 per cent. It would also qualify for the BC Hydro industrial rate and carbon tax rebates under the CleanBC industrial incentive program. s.12; s.12; s.13; s.16

### **CONCLUSION:**

Projects such as Cedar LNG open the door to global markets for BC, while creating sustainable jobs and economic development that makes meaningful partners of Indigenous peoples.

**Attachments:** Cedar LNG Project Introduction

#### **DRAFTED BY:**

Alisha Chicoine, Senior Economist OGD

#### **APPROVED BY:**

Geoff Turner, ED OGD✓  
May Mah-Paulson, ADM OGD✓  
Fazil Mihlar, DM✓

Date: July 7, 2021  
CLIFF: 114115

## **MINISTRY OF ENERGY, MINES AND LOW CARBON INNOVATION**

### **BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable Bruce Ralston, Minister of Energy, Mines and Low Carbon Innovation

**ISSUE:** Meeting with Chief Crystal Smith - Haisla Nation

#### **BACKGROUND:**

The Cedar LNG project is a proposed Liquefied Natural Gas (LNG) facility and export terminal located in Kitimat, British Columbia (BC) within the traditional territory of the Haisla Nation. Cedar LNG is located on Haisla-owned land in the Douglas Channel. The project is planned as a floating liquefaction facility that would operate with electricity from the BC Hydro grid. The project is anticipated to cost US\$2.4 billion and has an anticipated export capacity of 3 million tonnes per annum.

Cedar LNG was initially proposed by the Haisla Nation. In November 2020, the Haisla Nation approved Cedar LNG's partnership with Pacific Traverse Energy (PTE), a Vancouver-based energy infrastructure development company, and Delfin Midstream, an LNG export development company specializing in low-cost floating LNG technology. On June 8, 2021, Pembina Pipeline Corporation (Pembina) and the Haisla Nation announced their partnership on the Cedar LNG Project. Pembina will assume the equity interests currently owned by PTE and Delfin Midstream and operatorship of the Cedar LNG project going forward.

Cedar LNG would be the largest First Nation-owned infrastructure project in Canada. In an interview published in the Financial Post (June 30), Chief Smith is quoted as saying that the addition of Pembina to the team has added a lot of credibility in terms of the reality of the success of the project.

Cedar LNG entered the environmental assessment process August 2019. In January 2020, Cedar LNG was granted substitution by the federal Minister of Environment and Climate Change. This allows the project to undergo the provincial environmental assessment process to satisfy federal environmental assessment requirements. Cedar LNG was issued an export license from the Canada Energy Regulator in 2016.

Cedar LNG is working with BC Hydro to explore options to power the project with electricity from the provincial transmission grid. If grid electrification is not feasible, Cedar LNG would self-generate electricity using a gas turbine. Should the project be fully electrified, Cedar LNG's estimated greenhouse gas emissions intensity would be 0.056 tCO<sub>2</sub>e/t LNG (compared to an expected intensity of 0.15 for LNG Canada).

## DISCUSSION:

Cedar LNG hopes to make a positive Final Investment Decision (FID) in 2023 with first exports in 2027. To minimize impact to the local environment, Cedar LNG is planned as a floating liquefaction facility that would fully utilize electricity from the BC Hydro grid as the power source for the liquefaction of natural gas for export. Forecasted to cost US\$2.4 billion, the project could employ 350-500 construction workers and create 70-100 permanent operation jobs. The project would draw its feedstock gas from the Coastal Gaslink (CGL) pipeline.

Cedar LNG faces several key milestones in its project timeline that are time-sensitive and do not allow for significant schedule slippage. s.16

s.16

s.16 Consequently, Cedar LNG is aiming to receive their Environmental Assessment Certificate (EAC) by late 2022 in order to make FID in 2023 and to be operational by 2027. The project is in regular contact with Ministry staff and has indicated the focus for the next three to six months will be on their commercial activities and their Environmental Assessment application process. Since the ownership change announcement in June 2021, Cedar LNG has continued to move through its environmental assessment and community engagement activities.

### Pembina

Pembina is a leading transportation and midstream service provider, owning an integrated system of pipelines that transport various hydrocarbon liquids and natural gas products produced primarily in western Canada. Pembina also owns gas gathering and processing facilities, an oil and natural gas liquids infrastructure and logistics business and is growing an export terminals business. Pembina brought a propane export terminal in Prince Rupert into service earlier this year.

Pembina has spent several years working to advance the development of the Jordan Cove LNG project in Oregon. In April 2021 Pembina announced they would pause its development to reassess the impact of recent regulatory decisions. s.21

s.21

s.21

Pembina expects to invest US\$90 million in Cedar LNG over the next 24 months on pre-FID development costs and costs to acquire its interest in the partnership.

### Environmental Assessment and Permitting

The project is engaging with BC's Environmental Assessment Office on its EAC application following its initial project description submission in August 2019. s.21

s.21

s.21

A public comment period regarding its application information requirements is currently open until July 19, with limited comments submitted to date.



**Feedstock Gas and Connecting Pipeline**

Cedar LNG has been working with TC Energy to develop the Cedar LNG pipeline that would connect CGL to the Cedar LNG facility. This pipeline does not trigger the requirements for an EAC and all required permitting would be through the Oil and Gas Commission.

**MINISTRY RESPONSE:**

Projects such as Cedar LNG open the door to global markets for BC, while creating sustainable jobs and economic development that makes meaningful partners with Indigenous peoples. The Province is supportive of Cedar LNG as it moves through its regulatory process and commercial activities.

**DRAFTED BY:**

Alisha Chicoine, Senior  
Economist OGD

**APPROVED BY:**

Michelle Schwabe, A/ADM OGD ✓  
Fazil Mihlar, DM ✓

## RE: Cedar Bi-Weeklys

---

From: Chicoine, Alisha EMLI:EX  
To: Justin Smith <JuSmith@pembina.com>  
Cc: Jon Turner <JTurner@pembina.com>  
Sent: September 17, 2021 9:46:46 AM PDT  
You bet! Sent the new invite.

---

**From:** Justin Smith <JuSmith@pembina.com>  
**Sent:** September 17, 2021 9:40 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Cc:** Jon Turner <JTurner@pembina.com>  
**Subject:** Cedar Bi-Weeklys

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Alisha,

I don't believe I was included on the initial invite, but Jon Turner forwarded me the meeting invite for Thursday, September 23<sup>rd</sup>. Unfortunately, we have a conflict that day. Any chance we can push that to 12PM MST/11AM PST (while maintaining the original time for the recurring invite)?

Sorry for any inconvenience.

Regards,

**Justin Smith** - Manager, Government Relations

Pembina Pipeline Corporation | 4000, 585 8<sup>th</sup> Avenue S.W. Calgary, AB T2P 1G1  
Tel: (587) 534-6514 | Cell: (403) 990-7567 | [jusmith@pembina.com](mailto:jusmith@pembina.com)

## NDA

---

From: Chicoine, Alisha EMLI:EX  
To: Justin Smith <JuSmith@pembina.com>, Jon Turner <jon.turner@cedarlng.com>, Hwang, Susan (NRCAN/RNCAN) <susan.hwang@canada.ca>  
Sent: October 15, 2021 11:46:39 AM PDT  
Attachments: Communications Protocol MEMLI and Cedar LNG SIGNED.pdf, Tripartite NDA - BC NRCan Cedar.docx

Happy Friday!

As promised, here is a draft tripartite NDA. I'm attaching the existing Communications Protocol. If it's preferred by all parties, we can revisit that document to add NRCan as a signatory.

**Alisha Chicoine, Senior Economist (*she/her*)**

Economics and Market Development | Oil and Gas Division

Ministry of Energy, Mines and Low Carbon Innovation

4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC

p: 778-974-5738

c: 250-516-4906

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Withheld pursuant to/removed as

s.13

## RE: [EXT] forgot to ask..

---

From: Chicoine, Alisha EMLI:EX  
To: Justin Smith <JuSmith@pembina.com>  
Sent: November 5, 2021 2:51:43 PM PDT  
Great, thanks! Have a great weekend.

---

**From:** Justin Smith <JuSmith@pembina.com>  
**Sent:** November 5, 2021 2:51 PM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** RE: [EXT] forgot to ask..

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Solely internal – will not be a public announcement, but will just change how we intersect with you as a team moving forward.

---

**From:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Sent:** Friday, November 5, 2021 3:50 PM  
**To:** Justin Smith <JuSmith@pembina.com>  
**Subject:** [EXT] forgot to ask..

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

...if the announcements on Monday you mentioned will be public or internal. If public, is there a possibility of receiving an embargoed copy to assist our colleagues at Government Communications and Public Engagement in preparing a timely response from BC?

**Alisha Chicoine, Senior Economist (*she/her*)**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

## Re: Moving to Pembina (Cedar LNG)

---

From: Amann-Blake, Nathaniel EMLI:EX  
To: Michael Eddy <Michael.Eddy@teck.com>  
Cc: s.22  
Sent: November 19, 2021 2:51:22 PM PST  
Sounds great Mike, and congratulations to you! We'll be in touch.

Nate

[Get Outlook for iOS](#)

---

**From:** Michael Eddy <Michael.Eddy@teck.com>  
**Sent:** Friday, November 19, 2021 1:06:21 PM  
**To:** nathaniel.amann-blake@gov.bc.ca <nathaniel.amann-blake@gov.bc.ca>  
**Cc:** s.22  
**Subject:** Moving to Pembina (Cedar LNG)

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Good afternoon Nate,

I hope this email finds you well. I wanted to write and let you know that s.22 join Pembina, where they have asked me to serve as Director of External Relations for Cedar LNG. This is a great personal and professional move for me, given my experience on LNG Canada and work with the Haisla.

I was speaking with Michelle today and Rachel yesterday, and both mentioned your new role (congratulations)!

I'm looking forward to working with you again in our respective new roles, and will reach out again with my new contact information once I'm settled in seat.

In the meantime if you need anything I can be reached at my personal email or on my mobile, 604-346-7892.

Best,

Mike

## RE: [EXT] BC/Pembina meetings December

---

From: Chicoine, Alisha EMLI:EX  
To: Justin Smith <JuSmith@pembina.com>  
Sent: November 24, 2021 4:17:57 PM PST  
Hey Justin –

Can I steal some time from you tomorrow morning to chat about this?

Thanks!  
Alisha

---

**From:** Justin Smith <JuSmith@pembina.com>  
**Sent:** November 23, 2021 11:54 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** RE: [EXT] BC/Pembina meetings December

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Alisha,

I'm thinking we'll need 2 hours for this discussion.

2-4PM MST on Thursday, December 16<sup>th</sup> works for us. If you can confirm that with you side, I think we're good to go.

Kind Regards,

**Justin Smith** - Manager, Government Relations & Community Engagement  
Pembina Pipeline Corporation | 4000, 585 8<sup>th</sup> Avenue S.W. Calgary, AB T2P 1G1  
Tel: (587) 534-6514 | Cell: (403) 990-7567 | [jusmith@pembina.com](mailto:jusmith@pembina.com)

---

**From:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Sent:** Monday, November 22, 2021 9:35 AM  
**To:** Justin Smith <JuSmith@pembina.com>  
**Subject:** RE: [EXT] BC/Pembina meetings December

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Justin – sorry it's taken me a bit to get back to you.

Mark is scheduled for vacation that week. He may have some flexibility to meet the 15/16, though it's not as preferred.

For the project kick-off including EY, we have the following availability:

- Dec 15 – 10:00 – 11:30 a.m.
- Dec 15 – 2:00 – 4:30 p.m.
- Dec 16 – 10:30 – 4:00 p.m.

Separately, we can schedule some time between BC and Pembina.

Feel free to give me a call if it's easier to walk through dates and times.

**Alisha Chicoine, Senior Economist (she/her)**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

---

**From:** Justin Smith <JuSmith@pembina.com>  
**Sent:** November 18, 2021 6:50 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** RE: [EXT] BC/Pembina meetings December

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Alisha,

I've been having a few discussions about this internally this week, and the consensus seems to be that the week of Dec. 13<sup>th</sup> would be much better.

Is there any flexibility on your/EY's end to shift things a week later?

Regards,

**Justin Smith** - Manager, Government Relations & Community Engagement  
Pembina Pipeline Corporation | 4000, 585 8<sup>th</sup> Avenue S.W. Calgary, AB T2P 1G1  
Tel: **(587) 534-6514** | Cell: **(403) 990-7567** | [jusmith@pembina.com](mailto:jusmith@pembina.com)

---

**From:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Sent:** Friday, November 12, 2021 12:15 PM  
**To:** Justin Smith <JuSmith@pembina.com>  
**Subject:** [EXT] BC/Pembina meetings December

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Justin –

Reaching out to secure some times with you for two separate meetings: (1) a Cedar LNG specific project kick-off meeting with EY (2-3 hours?); and (2) a Pembina focussed meeting to discuss the broader portfolio, including the propane export terminal expansion (1-2 hours).

EY is available all day Monday December 6<sup>th</sup>, and afternoons Tuesday December 7<sup>th</sup> through Thursday December 9<sup>th</sup>.

Let me know what works for your group. Would like to secure dates and times over the next week.

All the best and have a great weekend!

**Alisha Chicoine, Senior Economist (she/her)**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738





## RE: [EXT] confirmation for January

---

From: Chicoine, Alisha EMLI:EX  
To: Justin Smith <JuSmith@pembina.com>  
Sent: November 29, 2021 1:23:14 PM PST  
Here's some attendance, so far.

BC: myself, Mark Urwin, Geoff Turner (Geoff.turner@gov.bc.ca)  
NRCAN: Chris Evans (chris.evans@canada.ca), Blair Gowan (blair.gowan@canada.ca), Jeff Schmidtke (jeffery.schmidtke@canada.ca), Warren Neill (warren.neill@canada.ca)  
EY: Steph Prior (Stephanie.Prior@parthenon.ey.com), Andre Koncewicz (andre.koncewicz@ca.ey.com), Tanaquil Chantrill (tanaquil.chantrill@parthenon.ey.com)

The NRCAN folks may attend in person, but their attendance is likely to be virtual. I'll be in touch with them shortly. I'm also anticipating the EY crowd to add another 2-3 personnel for at least the modelling portion of the meeting – just double checking with EY.

---

**From:** Justin Smith <JuSmith@pembina.com>  
**Sent:** November 29, 2021 12:51 PM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** RE: [EXT] confirmation for January

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Excellent. I have a hold in place on our end. If you can kindly send me the names/email address of the BC, NRCAN and/or EY officials that intend to participate (either in person or virtually), I can include the whole group on the invite. Tks.

---

**From:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Sent:** Monday, November 29, 2021 1:44 PM  
**To:** Justin Smith <JuSmith@pembina.com>  
**Subject:** RE: [EXT] confirmation for January

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ah – sorry. Monday brain!

January 12<sup>th</sup>.

---

**From:** Justin Smith <JuSmith@pembina.com>  
**Sent:** November 29, 2021 12:42 PM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** RE: [EXT] confirmation for January

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

For which date, Alisha?

---

**From:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Sent:** Monday, November 29, 2021 11:03 AM  
**To:** Justin Smith <JuSmith@pembina.com>  
**Subject:** [EXT] confirmation for January

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Happy Monday Justin!

I have confirmation for a 1-4pm meeting with EY and yourselves re: Cedar LNG. So we can secure that date and start planning the agenda and supporting documents.

**Alisha Chicoine, Senior Economist (*she/her*)**

Economics and Market Development | Oil and Gas Division

Ministry of Energy, Mines and Low Carbon Innovation

4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC

p: 778-974-5738

c: 250-516-4906

## Re: [EXT] January confirmed

---

From: Justin Smith <JuSmith@pembina.com>  
To: Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
Sent: January 4, 2022 4:57:24 PM PST

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Sounds good. Speak Friday.

On Jan 4, 2022, at 5:56 PM, Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca> wrote:

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you for the update Justin. We appreciate the care and consideration in that decision – so would like to continue with planning the meeting for virtual attendance. We'll discuss further with yourself and Mike Eddy on Friday.

Hope you enjoyed your holidays!

alisha

---

**From:** Justin Smith <JuSmith@pembina.com>  
**Sent:** January 4, 2022 7:41 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** Re: [EXT] January confirmed

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Alisha,

I'm not fully back into the office until Thursday, but I wanted to give you a heads up as soon as I could - it looks as though we'll need to transition our meeting next week to a virtual format. With the latest guidance from our corporate services / building services team, we are no longer able to host this meeting at our offices on account of the ongoing COVID situation.

I apologize for any inconvenience, but I'm hopeful we can still make it work as a virtual meeting.

Regards,

Justin

On Dec 22, 2021, at 3:43 PM, Chicoine, Alisha EMLI:EX <[Alisha.Chicoine@gov.bc.ca](mailto:Alisha.Chicoine@gov.bc.ca)> wrote:

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Justin –

Hope you're ready for the holidays! Just wanted to let you know we're confirmed for travel for January 11-13. We'll be arriving in Calgary mid-day, so would be able to meet prior to our afternoon commitment re: Cedar on the afternoon of the 11<sup>th</sup> or morning of the 12<sup>th</sup>. Of course, we're keeping a close eye on travel restrictions and best practices arising from the omicron variant, so will keep you posted should anything change.

Let's connect shortly to get materials developed early in the new year.

best,

**Alisha Chicoine, Senior Economist (*she/her*)**

Economics and Market Development | Oil and Gas Division

Ministry of Energy, Mines and Low Carbon Innovation

4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC

p: 778-974-5738

c: 250-516-4906

## agenda

---

From: Chicoine, Alisha EMLI:EX  
To: Justin Smith <JuSmith@pembina.com>  
Sent: January 10, 2022 10:20:07 AM PST  
Attachments: 20220112 - Cedar LNG agenda.docx  
Hi Justin –

Apologies – I thought I sent this draft to you on Friday. I’m technically OOO today, but I’ll keep an eye on my email if you have any questions. Feel free to exclude the second page of attendance when sending out the agenda to the meeting invite – I don’t have a full attendance list from EY, yet.

**Alisha Chicoine, Senior Economist (*she/her*)**

Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

# agenda

## **Cedar LNG / NRCan / BC**

January 12<sup>th</sup>, 2022

1:00 – 4:00 PM MST

1:00 1:15	<b>Brief Introduction and Roundtable</b>	Cedar LNG BC/EMLI Canada/NRCan EY
1:15 1:45	<b>Cedar LNG Project Update</b>	Cedar LNG
1:45 2:00	<b>Break</b>	All
2:00 2:30	<b>Competitiveness/Joint Economic Modelling Introduction</b>	BC/EMLI
2:30 3:00	<b>Model Introduction</b>	EY

# attendance

## **Cedar LNG**

Michael Eddy	xx
Justin Smith	xx
Scott Atha	xx
Ryan Owen	
Eric Magnusson	

## **BC - Ministry of Energy Mines and Low Carbon Innovation**

Nate Amann-Blake	Assistant Deputy Minister, Oil and Gas Division
Geoff Turner	Executive Director, Economics and Market Development
Mark Urwin	Director, Competitiveness and Market Development
Alisha Chicoine	Senior Economist, Competitiveness and Market Development

## **Canada – Natural Resources Canada**

Chris Evans	Senior Director, Pipelines, Gas and LNG
Blair Gowan	Deputy Director, LNG
Jeff Schmidtke	Chief, Project and Fiscal Analysis
Warren Neill	Policy Analyst/Economist, Energy and Economic Analysis

## **Ernst & Young**

Stephanie Prior  
Andre Koncewicz  
Tanaquil Chantrell  
Roger Crawley



## RE: [EXT] agenda

---

From: Chicoine, Alisha EMLI:EX  
To: Justin Smith <JuSmith@pembina.com>  
Sent: January 11, 2022 9:30:01 AM PST  
Hi Justin –

Happy to have each group drive their own slides on Wednesday.

best,  
alisha

---

**From:** Justin Smith <JuSmith@pembina.com>  
**Sent:** January 10, 2022 10:29 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Subject:** RE: [EXT] agenda

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Thanks, Alisha. Enjoy your day off. I'll look to get this out to meeting participants before the end of the day.

We've just about finalized our portion of the presentation, but in the interest of time, I think it's best that each speak drive their own slides. So if you and/or EY have some slides you'd like to work off of for your sections, feel free to have those at your fingertips for Wednesday. Let me know if that'll work for you.

Cheers,

Justin

---

**From:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Sent:** Monday, January 10, 2022 11:20 AM  
**To:** Justin Smith <JuSmith@pembina.com>  
**Subject:** [EXT] agenda

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Justin –

Apologies – I thought I sent this draft to you on Friday. I'm technically OOO today, but I'll keep an eye on my email if you have any questions. Feel free to exclude the second page of attendance when sending out the agenda to the meeting invite – I don't have a full attendance list from EY, yet.

**Alisha Chicoine, Senior Economist (*she/her*)**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

## RE: Cedar LNG Discussion

---

From: Amann-Blake, Nathaniel EMLI:EX  
To: Justin Smith <JuSmith@pembina.com>  
Cc: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Leinweber, Rachelle R WLRS:EX <Rachelle.Leinweber@gov.bc.ca>  
Sent: March 15, 2022 12:09:58 PM PDT  
Sounds good Justin. I'll ask Rachelle to suggest some times to meet.

Nate

---

**From:** Justin Smith <JuSmith@pembina.com>  
**Sent:** March 15, 2022 11:16 AM  
**To:** Amann-Blake, Nathaniel EMLI:EX <Nathaniel.Amann-Blake@gov.bc.ca>  
**Cc:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Subject:** Cedar LNG Discussion

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Nate,

It was a pleasure to meet you on a call recently with Mark Urwin & Fazil Mihar recently.

As a follow-up to that discussion, Mike Eddy and I were hoping to meet with you and Mark again to provide a project update and outline in a bit more detail our intended approach to intersecting with the BC and federal governments in the months ahead.

Let me know if we could work to get something on the books in the next week or two.

Thanks,

**Justin Smith** - Manager, Government Relations & Community Engagement  
Pembina Pipeline Corporation | 4000, 585 8<sup>th</sup> Avenue S.W. Calgary, AB T2P 1G1  
Tel: (587) 534-6514 | Cell: (403) 990-7567 | [jusmith@pembina.com](mailto:jusmith@pembina.com)

## Fwd: Pembina Pipeline w/ Haisla Nation & Cedar LNG - Meeting Request

---

From: Amann-Blake, Nathaniel EMLI:EX  
To: Leinweber, Rachelle R WLRS:EX <Rachelle.Leinweber@gov.bc.ca>  
Sent: April 20, 2022 9:44:26 PM PDT  
Attachments: image001.png  
Can you follow up and invite Suzanne as well

[Get Outlook for iOS](#)

---

**From:** Jeff Andrus <jeffa@strategies360.ca>  
**Sent:** Wednesday, April 20, 2022 1:11 PM  
**To:** Nathaniel.Amann-Blake@gov.bc.ca <Nathaniel.Amann-Blake@gov.bc.ca>; simon.coley@gov.bc.ca <Simon.Coley@gov.bc.ca>; viva.wolf@gov.bc.ca <Viva.Wolf@gov.bc.ca>  
**Cc:** Leinweber, Rachelle R EMLI:EX <Rachelle.Leinweber@gov.bc.ca>  
**Subject:** Pembina Pipeline w/ Haisla Nation & Cedar LNG - Meeting Request

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Dear Nate, Viva, and Simon

On Thursday May 5<sup>th</sup>, Crystal Smith, Chief Councillor of the Haisla Nation, and senior executives from both Pembina Pipeline and Cedar LNG will be in Victoria and would like to request a meeting with you on behalf of Pembina Pipeline.

The Cedar LNG Project brings together the Haisla Nation and Pembina Pipeline Corporation to develop the Haisla Nation-led Project. The Project is a key element of the Haisla Nation's economic and social development strategy and will further advance reconciliation by allowing the Haisla Nation to—for the first time ever—directly own and participate in a major industrial development in its territory.

Please let me know what times would work for your schedule on Thursday May 5<sup>th</sup>.

Kind regards,  
Jeff Andrus



**JEFF ANDRUS**

Senior Manager Public Affairs, S360 Canada

**C 604.700.7187**

**1505 WEST 2<sup>ND</sup> AVE  
SUITE 500, VANCOUVER, BC  
V6H 3Y4**

[STRATEGIES360.CA](http://STRATEGIES360.CA)

## Tripartite NDA - BC/NRCan/Cedar LNG

---

From: Justin Smith <JuSmith@pembina.com>  
To: Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
Cc: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: April 22, 2022 11:34:21 AM PDT  
Attachments: 2022-04-13 CEDAR COMMENTS Tripartite NDA - BC NRCan Cedar.docx

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Alisha,

Attached is our latest cut at the tripartite NDA. We've accepted many of your terms, so I think we're getting very close.

If you can have your counsel look this over, that would be great. If we need to get the lawyers together at some point next week to iron out any remaining details, we can do that and hopefully execute quickly thereafter.

Kind Regards,

**Justin Smith** - Manager, Government Relations & Community Engagement  
Pembina Pipeline Corporation | 4000, 585 8<sup>th</sup> Avenue S.W. Calgary, AB T2P 1G1  
Tel: **(587) 534-6514** | Cell: **(403) 990-7567** | [jusmith@pembina.com](mailto:jusmith@pembina.com)

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## MINISTRY OF ENERGY, MINES AND LOW CARBON INNOVATION

### BULLETS

#### Cedar LNG

#### BACKGROUND:

- The Cedar LNG project is a proposed floating Liquefied Natural Gas (LNG) facility and export terminal located in Kitimat, British Columbia (BC) within the traditional territory of the Haisla Nation.
- Cedar LNG is located on Haisla-owned land in the Douglas Channel.
- The project is planned as a floating liquefaction facility that would operate with electricity from the BC Hydro grid.
- The project envisions a single phase of development and is anticipated to cost US\$2.4 billion and has an anticipated export capacity of 3 million tonnes per annum.
- The project could employ up to 500 construction workers and create up to 100 permanent operation jobs.
- The project would draw its feedstock gas from the Coastal Gaslink (CGL) pipeline.
- Cedar LNG was initially proposed by the Haisla Nation. In November 2020, the Haisla Nation approved Cedar LNG's partnership with Pacific Traverse Energy (PTE), a Vancouver-based energy infrastructure development company, and Delfin Midstream, an LNG export development company specializing in low-cost floating LNG technology.
- On June 8, 2021, Pembina Pipeline Corporation (Pembina) and the Haisla Nation announced their partnership on the Cedar LNG Project. Pembina will assume the equity interests currently owned by PTE and Delfin Midstream and operatorship of Cedar LNG going forward.
- Cedar LNG remains a Haisla led project. Haisla are the majority partner, though the details of the partnership have not been disclosed publicly. Haisla and Pembina have an equal number of seats on the Board that governs the project.

#### DISCUSSION:

- Cedar LNG submitted its application for an Environmental Assessment Certificate (EAC) in February 2022, and if there are no pauses to the 180-day process a decision could go forward to Ministers in as early as July 2022.
  - However, the BC Environmental Assessment Office may extend the comment period on the draft referral materials meaning that referral materials will likely go forward to Ministers in September.
- Before construction could commence the project would also require environmental approval from the federal government as well as an LNG Facility Permit from the BC Oil and Gas Commission.
- Cedar LNG hopes to make a positive Final Investment Decision (FID) in 2023 with first export in 2027.
- Cedar LNG proposes to use an innovative design philosophy that incorporates leading technology and fits the facility into the local environment to reduce the impact of the project on the environment and the community. This includes:

- Using energy from BC Hydro
- A floating design to minimize terrestrial effects
- Use of air cooling to minimize effects on water use and quality
- Selecting its location to avoid culturally important watercourse and sensitive habitats
- Designing the marine terminal with a strut mooring system, to reduce effects to the marine environment
- According to a recent erratum to Cedar LNG's EAC application, the net annual project operation emissions, which include both direct emissions and acquired energy greenhouse gas emissions, are 240,449 tonnes CO<sub>2</sub>e per year.
- Cedar LNG plans to be a net-zero facility and in their initial net-zero plan that is a part of their EAC application it is assumed that Cedar will purchase offset credits to achieve net-zero in 2050. As 2050 approaches, Cedar will consider options to meet the net-zero by 2050 target.

#### **SUMMARY:**

- Cedar LNG would be the largest First Nation-owned infrastructure project in Canada and would have one of the cleanest environmental profiles in the world.
- Projects such as Cedar LNG open the door to global markets for BC, while creating sustainable jobs and economic development that makes meaningful partners of Indigenous peoples.

#### **APPROVED BY:**

Nathaniel Amann-Blake, ADM, OGD ✓

Fazil Mihlar, DM, EMLI ✓

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## MINISTRY OF ENERGY, MINES AND LOW CARBON INNOVATION

### BULLETS

Meeting with Haisla Chief Councillor Crystal Smith & Pembina

#### BACKGROUND:

- The Cedar LNG project is a proposed Liquefied Natural Gas (LNG) facility and export terminal located in Kitimat, British Columbia (BC) within the traditional territory of the Haisla Nation.
- Cedar LNG is located on Haisla-owned land in the Douglas Channel and would be the largest First Nation-owned infrastructure project in Canada.
- The project is planned as an air-cooled floating liquefaction facility to minimize impact to the land base and the marine environment.
- BC Hydro and Cedar LNG are working to explore options to power the project with electricity, which would make Cedar LNG's estimated greenhouse gas emissions intensity 0.08 tCO<sub>2</sub>/t LNG (compared to an expected intensity of 0.15 for LNG Canada).
- Feed gas for the facility would be transported via Coastal GasLink (CGL) pipeline and a small connecting pipeline, Cedar Connector pipeline, to be built by TC Energy.
- Anticipated cost is US\$2.4 billion with an anticipated export capacity of 3 million tonnes per annum.
- The project could employ 350-500 construction workers and create 70-100 permanent operation jobs.
- On June 8, 2021, Pembina Pipeline Corporation (Pembina) and the Haisla Nation announced their partnership on the Cedar LNG project.
- Pembina assumes equity interests previously owned by Pacific Traverse Energy and Delfin Midstream and operatorship of the Cedar LNG project, and Haisla Nation remains the majority owner of the project.
- In an interview published in the Financial Post in June 2021, Haisla Chief Councillor Crystal Smith is quoted as saying that the addition of Pembina to the project has added a lot of credibility in terms of the reality of the success of the project.

#### DISCUSSION:

- Cedar LNG hopes to make a positive Final Investment Decision (FID) in 2023 with first exports in 2027.
- The project faces several key milestones in its project timeline that are time-sensitive and do not allow for significant schedule slippage.
- s.16
- Consequently, Cedar LNG is aiming to receive their Environmental Assessment Certificate (EAC) by late 2022 to make FID in 2023 and to be operational by 2027.
- Cedar LNG continues to move through its environmental assessment and community engagement activities.

- Cedar LNG continues to work with TC Energy to develop the Cedar Connector pipeline that would connect CGL to the Cedar LNG facility.
- The Cedar Connector pipeline does not trigger requirements for an EAC and all required permitting would be through the Oil and Gas Commission.
- Cedar LNG proposes to use an innovative design philosophy that incorporates leading technology and fits the facility into the local environment to reduce the impact of the project on the environment and the community. This includes:
  - Using energy from BC Hydro
  - A floating design to minimize terrestrial effects
  - Use of air cooling to minimize effects on water use and quality
  - Selecting its location to avoid culturally important watercourse and sensitive habitats
  - Designing the marine terminal with a strut mooring system, to reduce effects to the marine environment
- According to a recent erratum to Cedar LNG's EAC application, the net annual project operation emissions, which include both direct emissions and acquired energy greenhouse gas emissions, are 240,449 tonnes CO<sub>2</sub>e per year (or 0.08 tCO<sub>2</sub>e/t LNG).
- Cedar LNG plans to be a net-zero facility and in their initial net-zero plan that is a part of their EAC application it is assumed that Cedar will purchase offset credits to achieve net-zero in 2050. As 2050 approaches, Cedar will consider options to meet the net-zero by 2050 target.
- Pembina spent several years working to advance the development of the Jordan Cove LNG project in Oregon, of which it paused development in April 2021.
- Pembina intends to leverage existing relationships with LNG purchasers gained during the development of their Jordan Cove LNG project to secure long-term tolling-based offtake agreements for Cedar LNG.
- s.13

## SUMMARY:

- Projects such as Cedar LNG open the door to global markets for BC.
- The project would create sustainable jobs and economic development and is important to both the Haisla Nation and future meaningful partnerships with Indigenous peoples on their traditional territories.

### APPROVED BY:

Nathaniel Amann-Blake, ADM, OGD ✓

Fazil Mihlar, DM, EMLI ✓

## Re: [EXT] FW: Outreach for joint meeting with Pembina and Haisla Nation Partners

From: Michael Eddy <MEddy@pembina.com>  
To: Ginger Lam <Ginger.Lam@gov.ab.ca>  
Cc: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Charles Ward <charles.ward@gov.ab.ca>, Oleg Podporin <Oleg.Podporin@gov.ab.ca>, Grace Mah <Grace.Mah@gov.ab.ca>, Justin Smith <JuSmith@pembina.com>  
Sent: May 5, 2022 12:42:15 PM PDT  
Attachments: image001.jpg

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Thanks Ginger - I am copying in Justin Smith, Pembina's Manager of Government Relations, to see if Pembina has availability to meet next week, given the areas of interest noted in your email below.

Best,

Mike

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---

**From:** Ginger Lam <Ginger.Lam@gov.ab.ca>  
**Sent:** Thursday, May 5, 2022 10:34 AM  
**To:** Michael Eddy <MEddy@pembina.com>  
**Cc:** Mark.Urwin@gov.bc.ca <Mark.Urwin@gov.bc.ca>; Charles Ward <charles.ward@gov.ab.ca>; Oleg Podporin <Oleg.Podporin@gov.ab.ca>; Grace Mah <Grace.Mah@gov.ab.ca>  
**Subject:** [EXT] FW: Outreach for joint meeting with Pembina and Haisla Nation Partners

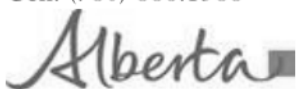
**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Michael,

I hope you're well this morning. I am writing to follow-up regarding the meeting suggested below with Alberta Energy, Pembina and Haisla Nation Partners. We have availability on May 11 and 13, 2022. If Pembina is interested in such a meeting, please kindly advise by tomorrow morning.

Thanks again for your consideration.  
Ginger

Ginger Lam, eMBA  
Manager, Natural Gas Investment Attraction  
Natural Gas Strategy and Engagement  
Alberta Energy  
6th floor, 9945 - 108<sup>th</sup> Street  
Edmonton Alberta T5K 2G6  
Tel: (780) 643.1233  
Cell: (780) 886.1988



Classification: Protected A

---

**From:** Ginger Lam <Ginger.Lam@gov.ab.ca>

**Sent:** May 2, 2022 12:51 PM

**To:** MEddy@pembina.com

**Cc:** Mark Urwin - Ministry of Energy, Mines and Low Carbon Innovation (mark.urwin@gov.bc.ca)

<mark.urwin@gov.bc.ca>; Charles Ward <charles.ward@gov.ab.ca>; Oleg Podporin <Oleg.Podporin@gov.ab.ca>; Grace Mah <Grace.Mah@gov.ab.ca>

**Subject:** Outreach for joint meeting with Pembina and Haisla Nation Partners

Hi Michael,

I hope this e-mail finds you safe and well.

Our colleague Mark recommended that we reach out to you regarding a meeting we would like to propose between Alberta Energy, Pembina and Haisla Nation Partners during an in-person visit to Vancouver by the Honourable Dale Nally, Associate Minister of Natural Gas and Electricity.

We would appreciate the opportunity in having a discussion with Pembina and Haisla Nation Partners regarding Alberta's natural gas supplies in supporting the Cedar LNG project and supporting the delivery of low-carbon, low-cost LNG to Asia-Pacific markets. Through Pembina's partnerships with the Haisla Nation, we are hoping to invite you to a meeting on Friday, May 13, 2022 from 10:15 a.m. – 11:00 a.m.

Thank you for your consideration and look forward to hearing from you.

Sincerely,  
Ginger

Ginger Lam, eMBA  
Manager, Natural Gas Investment Attraction  
Natural Gas Strategy and Engagement  
Alberta Energy  
6th floor, 9945 – 108<sup>th</sup> Street  
Edmonton Alberta T5K 2G6  
Tel: (780) 643.1233  
Cell: (780) 886.1988

The logo for the Government of Alberta, featuring the word "Alberta" in a stylized script font, followed by a small red and white rectangular emblem.

Classification: Protected A

## Draft Comms Protocol

---

From: Chicoine, Alisha EMLI:EX  
To: meddy@pembina.com  
Sent: May 25, 2022 4:08:18 PM PDT  
Attachments: NRCan comments - Comms Protocol PEM 12-20-21.docx  
Hey Mike –

Here's the draft communications protocol. s.13  
s.13 Just guiding principles for how the parties will communicate.

**Alisha Chicoine, Senior Economist (*she/her*)**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

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s.13

## NDA comments

---

From: Chicoine, Alisha EMLI:EX  
To: meddy@pembina.com, Justin Smith <JuSmith@pembina.com>  
Cc: Gowan, Blair <blair.gowan@NRCan-RNCan.gc.ca>, Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: June 2, 2022 9:51:47 AM PDT  
Attachments: 2022-04-13 CEDAR COMMENTS Tripartite NDA (JAK draft 20220531).docx  
Hey Mike & Justin –

Sending the latest comments on the NDA based on the last conversation between our legal counsels. I think this is very close - let me know if you have any questions.

Also wanted to confirm that we agree to move forward with the NDA without executing a communications protocol – I think we mutually plan to stay quite connected through this project.

all the best,

**Alisha Chicoine, Senior Economist (*she/her*)**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906

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s.13



## NDA - with one comment on S.16

---

From: s.22  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: June 9, 2022 9:16:36 AM PDT  
Attachments: 2022-06-09 CEDARSCOMMENTS Tripartite NDA .docx  
[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hey Mark - see attached NDA. One comment around the Comms protocol.

Can you share with Alisha as well? Don't have her email address on my mobile phone.

Hopefully this will get us across the line. Thx!

Mike

Sent from my iPhone

## FW: NDA - with one comment on S.16

---

From: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
To: Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
Cc: s.22  
Sent: June 9, 2022 9:22:37 AM PDT  
Attachments: 2022-06-09 CEDARSCOMMENTS Tripartite NDA .docx  
Thanks Mike!

---

**From:** s.22  
**Sent:** June 9, 2022 9:17 AM  
**To:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Subject:** NDA - with one comment on S.16

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hey Mark - see attached NDA. One comment around the Comms protocol.

Can you share with Alisha as well? Don't have her email address on my mobile phone.

Hopefully this will get us across the line. Thx!

Mike

Sent from my iPhone

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s.13

## Re: NDA - with one comment on S.16

---

From: s.22  
To: Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>, michael eddy <meddy@pembina.com>  
Cc: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: June 9, 2022 4:01:34 PM PDT

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Awesome. Will get it signed and sent back to you. Hopefully tomorrow.

Cc'ing my work email as I accidentally forwarded from my personal email!

Thx

Mike

On Thu, Jun 9, 2022 at 3:35 PM Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca> wrote:

Hey Mike –

This is great! Let's finalize this version and get signing. I'm thinking Cedar LNG first, then Canada, then BC.

---

**From:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Sent:** June 9, 2022 9:23 AM  
**To:** Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
**Cc:** s.22  
**Subject:** FW: NDA - with one comment on S.16

Thanks Mike!

---

**From:** michael eddy<sup>s.22</sup>  
**Sent:** June 9, 2022 9:17 AM  
**To:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Subject:** NDA - with one comment on S.16

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hey Mark - see attached NDA. One comment around the Comms protocol.

Can you share with Alisha as well? Don't have her email address on my mobile phone.

Hopefully this will get us across the line. Thx!

Mike

Sent from my iPhone

## FW: Presentation for meetings with government

---

From: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
To: Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
Sent: June 10, 2022 1:00:59 PM PDT  
Attachments: Cedar LNG - Overview Presentation to Government - May 4&5 2022.pdf, image001.png  
In case we need this during our meeting now

---

**From:** Michael Eddy <Michael.Eddy@cedarlng.com>  
**Sent:** May 3, 2022 8:45 AM  
**To:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Cc:** Justin Smith <JuSmith@pembina.com>  
**Subject:** Presentation for meetings with government

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Mark – thanks for your patience with this; please see attached the deck for our discussions with government on Wednesday.

Best,

Mike

**MICHAEL EDDY**  
Director, External Affairs

1800 – 1177 West Hastings Street  
Vancouver, BC V6E 2K3  
m 604.346.7892  
cedarlng.com



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s.21

## FW: NDA and Comms Protocol Signed

---

From: Chicoine, Alisha EMLI:EX  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: June 28, 2022 10:27:29 AM PDT  
Attachments: NDA - Cedar LNG BC Govt SIGNED.pdf, Communications Protocol MEMLI and Cedar LNG SIGNED.pdf

---

**From:** Chicoine, Alisha EMLI:EX  
**Sent:** March 16, 2021 10:19 AM  
**To:** Jon Turner <jon.turner@cedarlng.com>  
**Subject:** NDA and Comms Protocol Signed

Hi Jon –

Forwarding to you the fully signed copies of the NDA and communications protocol.

**Alisha Chicoine, Senior Economist**  
Economics and Market Development | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
4<sup>th</sup> floor - 1810 Blanshard Street, Victoria BC  
p: 778-974-5738  
c: 250-516-4906



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s.12 ; s.21

## Re: [EXT] Next Victoria visit

---

From: Michael Eddy <MEddy@pembina.com>  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, tbrady@haisla.ca  
Sent: June 29, 2022 7:28:47 AM PDT

**[EXTERNAL]** This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Looks good to me - will talk with Tony and we can discuss today, thanks!

Mike

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---

**From:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Sent:** Wednesday, June 29, 2022 6:38:26 AM  
**To:** Michael Eddy <MEddy@pembina.com>; tbrady@haisla.ca <tbrady@haisla.ca>  
**Subject:** [EXT] Next Victoria visit

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Morning,

Combing though calendars it looks like we'll have a good chance to get a critical mass of folks at the tail end of the week of July 18 (so the 20<sup>th</sup>, 21<sup>st</sup> and 22<sup>nd</sup>).

Any of those dates work for you guys for your next visit to Victoria?

Mark

## Re: <[EXTERNAL]> Introductions

---

From: Tony Brady <tbrady@haisla.ca>  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Cc: sberna@fnfa.ca, SBadham@pembina.com  
Sent: July 6, 2022 8:39:35 AM PDT  
Attachments: image001.png

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Thanks Mark.

Appreciate the connect

Sent from my iPhone

On Jul 5, 2022, at 9:07 PM, Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca> wrote:

**CAUTION:** This email originated from outside of the Haisla network. Be cautious of any embedded links and/or attachments.

Hi Steve & Tony,

Thank you once again for taking the time for this afternoon's meeting.

By means of email, wanted to share your contacts with each other. Have also included Scott on this just in case.

Mark

Mark Urwin (he/him)  
Director, Competitiveness and Market Development  
Ministry of Energy, Mines and Low Carbon Initiatives

<image001.png>

Office Address: 4<sup>th</sup> Floor, 1810 Blanshard Street Victoria BC  
Postal Address: PO Box 9323 STN PROV GOVT, Victoria BC, Canada V8W 9N3  
tel: +1-778-677-5293  
email: mark.urwin@gov.bc.ca

## FW: [EXT] RE: Cedar LNG - Competitive Review

---

From: Michael Eddy <MEddy@pembina.com>  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Cc: Matthew Weil <MWeil@pembina.com>, tbrady@haisla.ca, Justin Smith <JuSmith@pembina.com>  
Sent: July 19, 2022 10:19:19 AM PDT  
Attachments: Input Assumptions.xlsb

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Thanks Mark – let's have a chat about this later this week, when we are in town.

Cheers!

Mike

---

**From:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Sent:** Monday, July 18, 2022 5:58 PM  
**To:** Matthew Weil <MWeil@pembina.com>  
**Cc:** Michael Eddy <MEddy@pembina.com>; Cole Grbavac <Cole.Grbavac@ca.ey.com>; Roger Crawley <Roger.Crawley@ca.ey.com>  
**Subject:** [EXT] RE: Cedar LNG - Competitive Review

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hey Matt,

Attached is a spreadsheet with the various inputs that will be required to get started on the modelling exercise (I've copied Cole and Roger from E&Y in on this as they'll be guiding us through this journey).

Have skinnied it down to focus on our starting case (what will become our base case), and you'll see that E&Y have highlighted the cells that we'll need inputs on (for example, Cell U51 will have the CAPEX for the LNG vessel along with the CAPEX for the foreshore developments).

Thinking we could set up some time later this week for the group to walk through any questions we might have?

Thanks,  
Mark

---

**From:** Matthew Weil <MWeil@pembina.com>  
**Sent:** July 14, 2022 12:10 PM  
**To:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Cc:** Michael Eddy <MEddy@pembina.com>  
**Subject:** Cedar LNG - Competitive Review

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Mark,

Just wanted to check-in and see when might be a good time to schedule a call with E&Y to discuss the competitive review modelling exercise. Now that the NDA is in place we are very eager to get this process started.

Best,  
Matt

## Cedar LNG - Assumptions

&lt;&lt;Static.OptionModelled&gt;&gt;

Case 1

Case 1

&lt;&lt;Static.OptionModelled&gt;&gt;

Static assumptions

## 1. Pricing

## 1.1. Tolls

## 1.2. Electricity cost

## 1.2.1. BC Hydro

Power price escalation index	[text]	2% rate	2% rate
Power price escalation base year	[years]	2023	2023
Fixed cost	[CAD/MW]	-	
Variable cost	[CAD/MWh]	-	

## 2. LNG Plant

## 2.1. LNG Plant general information

## 2.1.1. LNG Plant

Target First Year Production	[year]	-	
Years of operation	[years]	-	
Last year of production	[years]	-	
LNG Plant Fuel Gas consumption - % processed gas	[%]	0.00 %	
Plant availability	[%]	0.00 %	

## 2.2. LNG Plant ships

## 2.2.1. Ships

Ship 1 - Operational status	[text]	Yes	Yes
Ship 1 - Start year input	[year]	-	-
Ship 1 - Start year	[year]	-	-
Ship 1 - Capacity	[mtpa]	-	
Ship 1 - Electricity required	[MW]	-	
Ship 1 - Capital expenditures input	[USD]	-	
Ship 1 - Capital expenditures over/under estimate	[%]	0.00 %	
Ship 1 - Capital expenditures	[USD]	-	
Ship 1 - FISC	[USD]	-	
Ship 1 - FISC adjusted	[USD]	-	
Ship 1 - Escalation rate on CAPEX	[text]	-	
Ship 1 - Debt issuance as % of CAEPX	[%]	0.00 %	
Ship 1 - Debt interest rate	[%]	0.00 %	
Ship 1 - Debt term	[no]	-	

## 2.3. LNG Plant other capital expenditures

Note: CAPEX related to the new pipeline can be included/embedded in either the shipping CAPEX or the sustaining CAPEX or a new section/logic related to the new pipeline can

## 2.3.1. Pre-construction

Pre-construction CAPEX	[USD]	-	
Pre-construction CAPEX escalation rate	[text]	-	
Pre-construction CAPEX escalation base year	[year]	-	
ACCA eligible %	[%]	0.00 %	

## 2.3.2. Sustaining capital

Sustaining CAPEX	[USD]	-	
Sustaining CAPEX refresh	[USD]	-	
First year of sustaining CAPEX refresh	[year]	-	
Last year of sustaining CAPEX refresh	[year]	-	
Sustaining CAPEX escalation base year	[year]	-	
Sustaining CAPEX escalation rate	[text]	-	

## 2.3.3. Allocation of CAPEX to CCA classes

Class 1 share	[%]	0.00 %	
Class 3 share	[%]	0.00 %	
Class 47 share	[%]	0.00 %	

## 2.4. LNG Plant operating expenditures

## 2.4.1. Operating expenditures

Maintenance & insurance as a % of LNG Plant CAPEX	[%]	0.00 %	
---	-----	--------	--

## 2.5. LNG Plant financing

## 2.5.1. Debt

Include debt financing		[text]	-	
<b>2.6. Labour costs and personal income tax</b>				
2.6.1. Labour costs and personal income tax				
% of labour costs in capital expenditures	[%]	0.00 %		
% of labour costs in operating expenditures	[%]	0.00 %		
% of additive labour costs in capital expenditure I	[%]	0.00 %		
% of additive labour costs in operating expenditure	[%]	0.00 %		
<b>3. Corporate Income Tax</b>				
3.1. Tax depreciation (CCA)				
3.1.1. Half year rule				
Half year rule	[no]	0.5		0.5
3.1.2. CCA Classes				
Class 1 CCA rate	[%]	0.00 %		
Class 3 CCA rate	[%]	0.00 %		
Class 47 CCA rate	[%]	0.00 %		
<b>4. Royalties &amp; Taxes</b>				
4.1. Taxes				
4.1.1. Property tax				
LNG property tax	[%]	0.00 %		
4.1.2. Corporate income tax				
Federal CIT Rate	[%]	0.00 %		
BC CIT Rate	[%]	0.00 %		
Other Province CIT Rate	[%]	0.00 %		
<b>5. Shipping</b>				
5.1. Shipping				
5.1.1. Shipping				
Cost of Shipping - BC to Asia	[USD/MMBtu]	-		
End of sheet				

1. Timeline

1.1. Timeline Controls																
	Model start date	[date]	01-Jan-2023													
	Fiscal year end month	[date]	12													
	Number of months per period	[months]	12													
	Number of months per year	[months]	12													
	Hours per day	[hours]	24													
1.2. Annual Timeline																
	Period reference	[no]	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Quarter reference	[no]	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Year reference	[no]	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Fiscal year	[year]	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2034	2035
	Start of period	[date]	01-Jan-2023	31-Dec-2023	30-Nov-2024	31-Oct-2025	30-Sep-2026	31-Aug-2027	31-Jul-2028	30-Jun-2029	31-May-2030	30-Apr-2031	31-Mar-2032	28-Feb-2033	31-Jan-2034	31-Dec-2034
	End of period	[date]	31-Dec-2023	30-Nov-2024	31-Oct-2025	30-Sep-2026	31-Aug-2027	31-Jul-2028	30-Jun-2029	31-May-2030	30-Apr-2031	31-Mar-2032	28-Feb-2033	31-Jan-2034	31-Dec-2034	30-Nov-2035
	Number of days in period	[days]	365	336	336	335	336	336	335	336	335	337	335	338	335	335
	Hours per period	[hours]	8,760	8,064	8,064	8,040	8,064	8,064	8,040	8,064	8,040	8,088	8,040	8,112	8,040	8,040
✓	Timeline checks	[check]	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

2. Economic Inputs

2.1. Foreign exchange rates															
Base Case - USD:CAD FX rate	[USD:CAD]														
2.2. Escalation Indices															
2% rate	[%]	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %
Labour cost escalation rate	[%]														

3. LNG Plant

3.1. LNG Plant ships															
3.1.1. Ships		Operational Start year													
Ship 1 Capital expenditure allocation	[%]	-													
Ship 1 production capacity	[%]	-													
Ship 2 Capital expenditure allocation	[%]	-													
Ship 2 production capacity	[%]	-													
3.2. LNG Plant other capital expenditures															
3.2.1. Pre-construction															
Pre-construction capital expenditure allocation	[%]														
3.3. LNG Plant operating expenditures															
3.3.1. Operating expenditures															
Pre-Ops operating expenditures	[nominal] [USD]	-	-	-	-	-	-	-	-	-	-	-	-	-	-

4. Royalty & Taxes

4.0.1. Property tax															
Property (Annual Payment for LNG Plant property)	[no]	-	-	-	-	-	-	-	-	-	-	-	-	-	-



30-Nov-2035	31-Oct-2036	30-Sep-2037	31-Aug-2038	31-Jul-2039	30-Jun-2040	31-May-2041	30-Apr-2042	31-Mar-2043	29-Feb-2044	31-Jan-2045	31-Dec-2045	30-Nov-2046	31-Oct-2047	30-Sep-2048	31-Aug-2049	31-Jul-2050	30-Jun-2051	31-May-2052	30-Apr-2053	31-Mar-2054
31-Oct-2036	30-Sep-2037	31-Aug-2038	31-Jul-2039	30-Jun-2040	31-May-2041	30-Apr-2042	31-Mar-2043	29-Feb-2044	31-Jan-2045	31-Dec-2045	30-Nov-2046	31-Oct-2047	30-Sep-2048	31-Aug-2049	31-Jul-2050	30-Jun-2051	31-May-2052	30-Apr-2053	31-Mar-2054	28-Feb-2055

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	
30-Nov-2035	31-Oct-2036	30-Sep-2037	31-Aug-2038	31-Jul-2039	30-Jun-2040	31-May-2041	30-Apr-2042	31-Mar-2043	29-Feb-2044	31-Jan-2045	31-Dec-2045	30-Nov-2046	31-Oct-2047	30-Sep-2048	31-Aug-2049	31-Jul-2050	30-Jun-2051	31-May-2052	30-Apr-2053	31-Mar-2054
31-Oct-2036	30-Sep-2037	31-Aug-2038	31-Jul-2039	30-Jun-2040	31-May-2041	30-Apr-2042	31-Mar-2043	29-Feb-2044	31-Jan-2045	31-Dec-2045	30-Nov-2046	31-Oct-2047	30-Sep-2048	31-Aug-2049	31-Jul-2050	30-Jun-2051	31-May-2052	30-Apr-2053	31-Mar-2054	28-Feb-2055
337	335	336	335	336	336	335	336	336	338	335	335	336	336	336	335	335	337	335	336	335
8,088	8,040	8,064	8,040	8,064	8,064	8,040	8,064	8,064	8,112	8,040	8,040	8,064	8,064	8,064	8,040	8,040	8,088	8,040	8,064	8,040
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %	2.00 %


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[illegible]

**RE: [EXT] RE: Invitation for online presentation during the 3rd Canada-China LNG Forum- Sept 29th, 2022**

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From: Michael Eddy <MEddy@pembina.com>  
To: Jun-Xia.Jiang@international.gc.ca  
Cc: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Mai.Dang@international.gc.ca  
Sent: September 7, 2022 8:28:35 AM PDT  
Attachments: image007.jpg, image009.png, image010.png, image011.jpg, image008.png, image006.jpg

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Thanks Shirley – can you please share the program and possibly a list of attendees? I will then discuss with the team here, and revert.

Best,

Mike

---

**From:** Jun-Xia.Jiang@international.gc.ca <Jun-Xia.Jiang@international.gc.ca>  
**Sent:** Tuesday, September 6, 2022 6:10 PM  
**To:** Michael Eddy <MEddy@pembina.com>; jon.turner@cedarlng.com  
**Cc:** Mark.Urwin@gov.bc.ca; Mai.Dang@international.gc.ca  
**Subject:** [EXT] RE: Invitation for online presentation during the 3rd Canada-China LNG Forum- Sept 29th, 2022

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Mike,

As time is fast approaching, we are planning to send out invitation to Chinese audience soon and would like to finalize our program by this week.

Have you made a decision whether to join us again this time? We would really welcome your presence as Cedar LNG is a very good project and would attract many people's attention. E.g., when I talked to s.13; s.16  
s.13; s.16

Should you have any questions regarding the event, please don't hesitate to let us know. We look forward to hearing from you soon.

Best,

Shirley

**Junxia Jiang/蒋俊霞**

Trade Commissioner/Délégue commerciale/商务专员  
Canadian Embassy/Ambassade du Canada/加拿大使馆  
19 Dongzhimenwai Dajie, Beijing100600/东直门外大街19号  
Email: jun-xia.jiang@international.gc.ca  
Tel: (86 10) 5139-4150  
Fax: (86 10) 5139-4450  
Cell : 13901094684



Canadian SME Gateway to China YouTube Channel  
Chaîne YouTube du Portail des PME canadiennes en Chine



Doing Business in China LinkedIn Group  
Compte LinkedIn Faire des affaires en Chine



Canada's International Trade-Global Affairs Canada Facebook page  
Page Facebook :Le commerce international du Canada-Affaires mondiales Canada

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**From:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Sent:** August 23, 2022 9:44 PM  
**To:** Michael Eddy <MEddy@pembina.com>  
**Cc:** Jiang, Jun-Xia (Shirley) -BEJING -TD <Jun-Xia.Jiang@international.gc.ca>  
**Subject:** RE: Invitation for online presentation during the 3rd Canada-China LNG Forum- Sept 29th, 2022

Hey Mike,

Looping you in an email from the Canadian Embassy in Beijing who is hosting the 3<sup>rd</sup> Canada-China LNG Forum next month. Hopefully Cedar LNG is able to join in.

Mark

---

**From:** Jun-Xia.Jiang@international.gc.ca <Jun-Xia.Jiang@international.gc.ca>  
**Sent:** August 23, 2022 1:27 AM  
**To:** jon.turner@cedarlng.com  
**Cc:** SiMing.Zhang@international.gc.ca; jon.turner@pacifictraverse.com; Mai.Dang@international.gc.ca; Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Subject:** Invitation for online presentation during the 3rd Canada-China LNG Forum- Sept 29th, 2022

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Jon,

I hope that you have enjoyed a nice break during the summer time.

As you might recall, our 3<sup>rd</sup> Canada-China LNG & Energy Value Chain Investment Forum, originally planned for May, was postponed in the spring due to Covid outbreak in China. Now that things have quiet down a little bit, we have rescheduled the event on Sept 29th, 2022 Beijing time in Jinan, Shandong Province. We thank you for the interest you have shown before and would warmly welcome you to join us again in the fall.

s.13; s.16

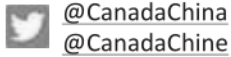
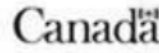
To reach out to a broader LNG industry players, we are cooperating with Guangdong Oil & Gas Association this year to develop the program. Our forum will be part of their one and half day annual LNG Conference which is usually participated by over 100 local importers, traders, shippers and LNG terminals. The detailed program is still being finalized at this stage and we will for sure share it with you once it becomes available. FYI, Canada's LNG Champions promotion session will be around 9:30-11:30 am on Sept 29<sup>th</sup> Beijing time (i.e., 6:30-8:30 pm on Sept 28<sup>th</sup> Vancouver time). As time is fast approaching, we would appreciate if you can confirm with us your interest in joining the event **by Sept 6**, so that we can finalize the program sooner and start our promotional work. We would also require the following information from you one week before the event:

1. Company's brief introduction/brochure (one pager preferred). This is to be posted on our mini-app for promotion ahead of the event, and for the MC's introduction
2. A 10-15 minutes presentation on your LNG project, live or video, simultaneous interpretation will be provided. Like last year, if video preferred, we will provide zoom platform with guidance when you are ready for recording. For better interaction with the audience, live presentation is encouraged though.

Should you have any questions or require additional information, please don't hesitate to let us know.  
Thank you for your cooperation and we look forward to working with you in the next few weeks.  
Shirley

**Junxia Jiang/蒋俊霞**

Trade Commissioner/Délégue commerciale/商务专员  
Canadian Embassy/Ambassade du Canada/加拿大驻北京大使馆  
19 Dongzhimenwai Dajie, Beijing 100600/东直门外大街19号  
Email: [jun-xia.jiang@international.gc.ca](mailto:jun-xia.jiang@international.gc.ca)  
Tel: (86 10) 5139-4150  
Fax: (86 10) 5139-4450  
Cell : 13901094684



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Canada's International Trade-Global Affairs Canada Facebook page  
[Page Facebook :Le commerce international du Canada-Affaires mondiales Canada](#)

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**From:** Zhang, Si Ming -BEJING -PI <[SiMing.Zhang@international.gc.ca](mailto:SiMing.Zhang@international.gc.ca)>  
**Sent:** April 13, 2022 3:35 PM  
**To:** [jon.turner@pacifictraverse.com](mailto:jon.turner@pacifictraverse.com)  
**Cc:** Jiang, Jun-Xia (Shirley) -BEJING -TD <[Jun-Xia.Jiang@international.gc.ca](mailto:Jun-Xia.Jiang@international.gc.ca)>  
**Subject:** Postponement of the 3rd Canada-China LNG Forum

Hi Jon,

Unfortunately, due to the recent development of Covid-19 situation in China, we have decided to postpone the 3rd Canada-China LNG & Energy Value Chain Investment Forum that was scheduled on the morning of Apr.22<sup>nd</sup>, 2022 Beijing time (evening of April 21<sup>st</sup>, 2022 PST) in Jinan, Shandong Province.

As you may have heard already, there have been rapidly spreading outbreaks in many provinces in China and Shanghai is experiencing the largest city-wide lockdown. The Government of China announced very strict travel control measures to cope with this wave, which have impact on gathering events like trade shows and forums to be hosted. As we are targeting 50-60 people for offline audience for our LNG event to maximize the physical interaction with major industry players in this market, we think it is worthwhile to postpone the event until the situation gets better.

Sorry for all the inconvenience this may cause you, and we will for sure follow up with you when the new date is decided.

Once again, thank you for your continuous support to our event.

Best regards,

**Siming Zhang (Michelle) 张思明**

Commercial Officer | 商务经理  
British Columbia China Office | 加拿大不列颠哥伦比亚省中国办事处  
[SiMing.Zhang@international.gc.ca](mailto:SiMing.Zhang@international.gc.ca)  
Telephone | Téléphone : (86-10) 5139-4117  
Facsimile | Télécopieur: (86-10) 5139-4465  
19 Dongzhimenwai Dajie, Chaoyang, Beijing, 100600  
Embassy of Canada | Ambassade du Canada | 加拿大驻华大使馆

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**From:** Zhang, Si Ming -BEJING -PI  
**Sent:** March 1, 2022 4:57 PM  
**To:** 'jon.turner@pacifictraverse.com' <[jon.turner@pacifictraverse.com](mailto:jon.turner@pacifictraverse.com)>  
**Cc:** Jiang, Jun-Xia (Shirley) -BEJING -TD <[Jun-Xia.Jiang@international.gc.ca](mailto:Jun-Xia.Jiang@international.gc.ca)>

**Subject:** Invitation for online presentation during the 3rd Canada-China LNG Forum

**Importance:** High

Hi Jon,

I hope this message finds you well.

I'm writing you today to invite Cedar LNG to participate as a VIP speaker **ONLINE** in the 3rd Canada-China LNG & Energy Value Chain Investment Forum that will be hosted on the morning of Apr.22<sup>nd</sup>, 2022 Beijing time (evening of April 21<sup>st</sup>, 2022 PST) in Jinan, Shandong Province.

s.13; s.16

To position Canada as a secure and reliable LNG supplier to meet China's growing gas demand, and to increase market awareness and highlight recent developments in Canada's emerging LNG value chain industry to the Chinese marketplace, the Province of BC, in partnership with the Embassy of Canada to China and Province of AB, is planning to co-organize the 3rd Canada-China LNG & Energy Value Chain Investment Forum in Jinan in Apr. 2022. Different from the 2<sup>nd</sup> Canada China LNG Full Value Chain Investment Forum in Beijing last year, this year's event will be project-focused, with more time given to LNG projects in Canada for promotion, trade & investment opportunity exploration and new partners identification & connection. The half-day program will be a hybrid of online and offline for both speakers and participants. We expect about 60-70 local industry people invited to the event plus more audience to participate online.

The half day program will consist of three parts:

1. Canadian LNG Capacity and Export Overview (online)
2. Global and China LNG Value Chain Market Overview (offline)
3. Canada's LNG Champions(10-15 minutes online presentation from each company, simultaneous interpretation service provided for online presentations and Q&A session)

If you are interested in joining the event as one of the champion projects in Part 3, appreciate if you can confirm your participation with us by **March 11<sup>th</sup>**.

Appreciated if you could reply to **all** so that my counterpart(Shirley) at the Embassy will follow up with you while I'm on leaves in the coming days.

Look forward to hearing from you!

**Siming Zhang (Michelle) 张思明**

Commercial Officer | 商务经理

British Columbia China Office | 加拿大不列颠哥伦比亚省中国办事处

[SiMing.Zhang@international.gc.ca](mailto:SiMing.Zhang@international.gc.ca)

Telephone | Téléphone : (86-10) 5139-4117

Facsimile | Télécopieur: (86-10) 5139-4465

19 Dongzhimenwai Dajie, Chaoyang, Beijing, 100600

Embassy of Canada | Ambassade du Canada | 加拿大驻华大使馆

**MINISTRY OF ENERGY, MINES AND LOW CARBON INNOVATION**

**BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable John Horgan, Premier of British Columbia

**ISSUE:** Meeting with Chief Crystal Smith – Haisla Nation regarding the Cedar LNG project

**SUMMARY:**

The Cedar LNG project would create sustainable jobs and economic development and is important to both the Haisla Nation and future meaningful partnerships with Indigenous peoples on their traditional territories. Key regulatory decisions are ahead of the project before it can make a Final Investment Decision (anticipated in 2023). As well, the Ministry of Energy, Mines and Low Carbon Innovation in partnership with the federal government (Natural Resource Canada) and the project are undertaking a financial modelling exercise to better understand the project's economics and competitiveness as well as the revenue opportunity it presents to government. The Honourable Bruce Ralston, Minister of Energy, Mines and Low Carbon Innovation last met with Chief Smith regarding the Cedar LNG project on July 27, 2022.

**MINISTRY RESPONSE:**

While a project such as Cedar LNG could play a small role in opening the door to global markets for BC's natural gas industry, it is set to play a multi-generational role in the economic development for the Haisla Nation and other surrounding communities.

**BACKGROUND:**

The Cedar LNG project is a proposed Liquefied Natural Gas (LNG) facility and export terminal located in Kitimat, British Columbia (BC) within the traditional territory of the Haisla Nation. Cedar LNG is located on Haisla-owned land in the Douglas Channel. The project is planned as a floating liquefaction facility that would operate with electricity from the BC Hydro grid. The project is anticipated to cost US\$2.4 billion and has an anticipated export capacity of 3 million tonnes per annum. The project will receive natural gas from northeast BC through the Coastal GasLink (CGL) pipeline.

Cedar LNG was initially proposed by the Haisla Nation. In November 2020, the Haisla Nation approved Cedar LNG's partnership with Pacific Traverse Energy (PTE), a Vancouver-based energy infrastructure development company, and Delfin Midstream, an LNG export development company specializing in low-cost floating LNG technology. On June 8, 2021, Pembina Pipeline Corporation (Pembina) and the Haisla Nation announced a new partnership on the Cedar LNG Project with Pembina assuming the equity interests owned by PTE and Delfin Midstream as well as the operatorship of the Cedar LNG project going forward.

Cedar LNG would be the largest First Nation-owned infrastructure project in Canada. In an interview published in the Financial Post following Pembina's entry into the project, Chief Smith

was quoted as saying that the addition of Pembina to the team has added a lot of credibility in terms of the reality of the success of the project. The project is expected to create upwards of 500 jobs at its peak construction, with approximately 100 full-time jobs during operations. Haisla intend to have the vast majority of the operational jobs come from their community.

Cedar LNG entered the environmental assessment process August 2019. In February 2022, the project began the application review process. According to the Environmental Assessment Office's (EAO) most recent schedule, the EAO will hold a 30-day public comment period on the updated draft referral materials between September 14 and October 14, 2022. It is anticipated that in early November, the EAO will refer the project to provincial Ministers for decision.

Cedar LNG is working with BC Hydro to explore options to power the project with electricity from the provincial transmission grid. If grid electrification is not feasible, Cedar LNG would self-generate electricity using a gas turbine. As the project is planning to be fully electrified, Cedar LNG's estimated greenhouse gas emissions intensity would be 0.08 tCO<sub>2</sub>e/t LNG (compared to an expected intensity of 0.15 for LNG Canada), with greenhouse gas emissions totalling 0.24 tonnes per annum.

## **DISCUSSION:**

As a part of Haisla's support for the LNG Canada project and its supporting pipeline (CGL), Haisla has been provided access to 400 million cubic feet per day of capacity on CGL – the volume of gas that would be required for Cedar LNG. This opportunity provides the foundation for the project and plays a key role in Haisla's economic development plans over the next 25 to 40 years. However, this deal is time limited and requires an investment decision to be made on Cedar LNG in 2023.

Ahead of making a Final Investment Decision on the Cedar LNG project, Haisla is looking to governments on a few key elements. Most importantly will be having regulatory certainty for the project. The EAO is planning to refer the project to provincial Ministers for decision early in November. This will start the clock on a 45-day window for a decision to be brought forward (assuming that there is no request for this timeline to be paused or extended to allow for extra information to be gathered). The environmental assessment for Cedar LNG is a substituted process so information/packages will also be forwarded to the federal government and there is a potential opportunity to coordinate the decision timing with Canada.

Haisla have also expressed concerns regarding the overall competitiveness of the Cedar LNG project as compared to comparable projects around the world. One of the primary elements raised by the project is the increased cost associated with operating an electrified facility (cost of electricity) when compared against a similar facility powered by natural gas. The Ministry of Energy, Mines and Low Carbon Innovation is currently entering into a financial modelling exercise - similar to what was undertaken with LNG Canada – with Cedar LNG to better understand the project's economics and competitiveness. This work commenced late in the summer and is expected to accelerate through the fall.



**CONCLUSION:**

The Ministry of Energy, Mines and Low Carbon Innovation will continue to work with Cedar LNG as the project moves towards its anticipated Final Investment Decision in 2023.

**DRAFTED BY:**

Mark Urwin, Director

**APPROVED BY:**

Geoff Turner, ED ✓

Nathaniel Amann-Blake, ADM, OGD ✓

Fazil Mihlar, DM, EMLI ✓

**MINISTRY OF ENERGY, MINES AND LOW CARBON INNOVATION**

**BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable John Horgan, Premier of British Columbia

**ISSUE:** Meeting with Chief Crystal Smith – Haisla Nation regarding the Cedar LNG project

**SUMMARY:**

The Cedar LNG project would create sustainable jobs and economic development and is important to both the Haisla Nation and future meaningful partnerships with Indigenous peoples on their traditional territories. Key regulatory decisions are ahead of the project before it can make a Final Investment Decision (anticipated in 2023). As well, the Ministry of Energy, Mines and Low Carbon Innovation in partnership with the federal government (Natural Resource Canada) and the project are undertaking a financial modelling exercise to better understand the project's economics and competitiveness as well as the revenue opportunity it presents to government. The Honourable Bruce Ralston, Minister of Energy, Mines and Low Carbon Innovation last met with Chief Smith regarding the Cedar LNG project in May of 2022.

**MINISTRY RESPONSE:**

While a project such as Cedar LNG could play a small role in opening the door to global markets for BC's natural gas industry, it is set to play a multi-generational role in the economic development for the Haisla Nation and other surrounding communities.

**BACKGROUND:**

The Cedar LNG project is a proposed Liquefied Natural Gas (LNG) facility and export terminal located in Kitimat, British Columbia (BC) within the traditional territory of the Haisla Nation. Cedar LNG is located on Haisla-owned land in the Douglas Channel. The project is planned as a floating liquefaction facility that would operate with electricity from the BC Hydro grid. The project is anticipated to cost US\$2.4 billion and has an anticipated export capacity of 3 million tonnes per annum. The project will receive natural gas from northeast BC through the Coastal GasLink (CGL) pipeline.

Cedar LNG was initially proposed by the Haisla Nation. In November 2020, the Haisla Nation approved Cedar LNG's partnership with Pacific Traverse Energy (PTE), a Vancouver-based energy infrastructure development company, and Delfin Midstream, an LNG export development company specializing in low-cost floating LNG technology. On June 8, 2021, Pembina Pipeline Corporation (Pembina) and the Haisla Nation announced a new partnership on the Cedar LNG Project with Pembina assuming the equity interests owned by PTE and Delfin Midstream as well as the operatorship of the Cedar LNG project going forward.

Cedar LNG would be the largest First Nation-owned infrastructure project in Canada. In an interview published in the Financial Post following Pembina's entry into the project, Chief Smith

was quoted as saying that the addition of Pembina to the team has added a lot of credibility in terms of the reality of the success of the project. The project is expected to create upwards of 500 jobs at its peak construction, with approximately 100 full-time jobs during operations. Haisla intend to have the vast majority of the operational jobs come from their community.

Cedar LNG entered the environmental assessment process August 2019. In February 2022, the project began the application review process. According to the Environmental Assessment Office's (EAO) most recent schedule, the EAO will hold a 30-day public comment period on the updated draft referral materials between September 14 and October 14, 2022. It is anticipated that in early November, the EAO will refer the project to provincial Ministers for decision.

Cedar LNG is working with BC Hydro to explore options to power the project with electricity from the provincial transmission grid. If grid electrification is not feasible, Cedar LNG would self-generate electricity using a gas turbine. As the project is planning to be fully electrified, Cedar LNG's estimated greenhouse gas emissions intensity would be 0.08 tCO<sub>2</sub>e/t LNG (compared to an expected intensity of 0.15 for LNG Canada), with greenhouse gas emissions totalling 0.24 tonnes per annum.

## **DISCUSSION:**

As a part of Haisla's support for the LNG Canada project and its supporting pipeline (CGL), Haisla has been provided access to 400 million cubic feet per day of capacity on CGL – the volume of gas that would be required for Cedar LNG. This opportunity provides the foundation for the project and plays a key role in Haisla's economic development plans over the next 25 to 40 years. However, this deal is time limited and requires an investment decision to be made on Cedar LNG in 2023.

Ahead of making a Final Investment Decision on the Cedar LNG project, Haisla is looking to governments on a few key elements. Most importantly will be having regulatory certainty for the project. The EAO is planning to refer the project to provincial Ministers for decision early in November. This will start the clock on a 45-day window for a decision to be brought forward (assuming that there is no request for this timeline to be paused or extended to allow for extra information to be gathered). The environmental assessment for Cedar LNG is a substituted process so information/packages will also be forwarded to the federal government and there is a potential opportunity to coordinate the decision timing with Canada.

Haisla have also expressed concerns regarding the overall competitiveness of the Cedar LNG project as compared to comparable projects around the world. One of the primary elements raised by the project is the increased cost associated with operating an electrified facility (cost of electricity) when compared against a similar facility powered by natural gas. The Ministry of Energy, Mines and Low Carbon Innovation is currently entering into a financial modelling exercise - similar to what was undertaken with LNG Canada – with Cedar LNG to better understand the project's economics and competitiveness. This work commenced late in the summer and is expected to accelerate through the fall.

**CONCLUSION:**

Projects such as Cedar LNG open the door to global markets for BC, while creating sustainable jobs and economic development that makes meaningful partners with Indigenous peoples. The Province is supportive of Cedar LNG as it moves through its regulatory process and commercial activities. The Ministry of Energy, Mines and Low Carbon Innovation will continue to work with Cedar LNG as the project moves towards its anticipated Final Investment Decision in 2023.

**DRAFTED BY:**

Mark Urwin, Director

**APPROVED BY:**

Geoff Turner, ED ✓

Nathaniel Amann-Blake, ADM, OGD ✓

Fazil Mihlar, DM, EMLI ✓

Ministry of Environment and Climate Change Strategy, 14 October 2022

## **FINAL PUBLIC COMMENT PERIOD:** **CEDAR LNG - DRAFT REFERRAL MATERIALS**

### **Key Messages:**

- Members of the public are invited to comment on draft materials for decision-makers, for the Cedar LNG Project.
- Cedar LNG is a proposed floating liquified natural gas processing, storage and marine export facility in Kitimat.
- The Environmental Assessment Office gives the public a chance to provide comments on the final draft materials from its assessment, which include proposed requirements to address potential adverse impacts if the project is approved to proceed.
- When finalized after the comment period, the materials will be referred to B.C.'s Ministers of Environment and Energy and Mines for decision.
- They will also be provided to the Impact Assessment Agency of Canada to inform the federal decision.
- The Environmental Assessment Office's review will be used for both governments' decision.
- Indigenous nations have also drafted assessments of potential project effects to their interests and rights, which will be included in final materials for decision-makers.
- Public comments will be accepted from Sept. 21 until Oct. 14.

### *If asked about the delay in the public comment period...*

- Due to government protocols around the period of mourning with the Queen's passing, the start of the public comment period was delayed by seven days but will proceed after that as previously planned.

**Background:**

- On August 30, 2019, Cedar LNG Partners LP (Cedar) (a Haisla majority-owned partnership with Pembina Pipeline Corporation) applied to the EAO for an Environmental Assessment Certificate (EAC) to develop, construct and operate the Cedar LNG Project (Cedar LNG), a floating liquefied natural gas (LNG) facility and marine export terminal, including related infrastructure, on Haisla Nation-owned land, in Kitimat.
- The EAO has prepared draft materials for decision-makers (in this case, the ministers of Environment and Climate Change Strategy and Energy, Mines and Low Carbon Innovation). Proposed provincial conditions (proposed requirements to include in the certificate if the project is approved by ministers to proceed) include:
  - A construction environmental management plan
  - A greenhouse gas reduction plan
  - A community feedback process for Cedar to receive, address, and report on community concerns from the Project
  - A marine transportation communication report, requiring communication processes between Cedar and Indigenous nations related to Cedar LNG activities
  - A health and medical services plan to reduce impacts to local services
  - A socioeconomic management plan, prioritizing local hiring, gender equity and diversity employment, and to limit effects on local infrastructure and services
  - A requirement for baseline soil sampling and additional mitigation and monitoring, if elevated levels of contaminants are found
  - A requirement that Cedar participate in regional cumulative effects initiatives related to air emissions, socioeconomic effects and marine shipping
- The B.C. EAO is carrying out the assessment on behalf of the federal government under a “substitution agreement.” This means the one assessment carried out by the EAO will be used for decisions by both levels of government, eliminating the duplication of two assessments for a single project.
- As part of the substitution agreement, the EAO’s assessment also recommends federal Mitigation Measures. These would inform federal conditions to be required if the project were approved to proceed. They include:
  - Freshwater fish mitigations
  - Marine resources mitigations to reduce risk of injury or mortality and change in movement for wildlife and marine resources
  - Wildlife mitigations
  - Implementation of a community feedback process
  - Air quality mitigations
  - Marine use mitigations and a marine transportation plan
  - Employment and economy mitigations, including prioritizing local and Indigenous hiring
  - Infrastructure and services mitigations to reduce potential effects to local health and social infrastructure and services
  - Human and community well-being mitigations, including a gender equity and diversity program
- At this stage in the environmental assessment process, the EAO holds a public comment period (PCP) on the draft assessment materials for decision-makers, which include the EAO’s

## GCPE ENV – CONFIDENTIAL ISSUES NOTE

Assessment Report, Table of Conditions, Project Description, and the Impact Assessment Agency of Canada's (IAAC) draft potential federal Conditions with Description of Designated Project. The public comment period will run from September 21 to October 14.

- Indigenous nations and the EAO are working together to co-draft assessments of the impacts of the Project on their Indigenous interests to be included in the final assessment report referred to ministers.

s.13; s.16

- To meet federal requirements under the substitution agreement, the EAO will include a generalized assessment of the impacts to Indigenous nations in the EAO's Assessment Report. This will be replaced by the nation-specific assessments in the final Assessment Report referred to ministers. The EAO has communicated the rationale for this approach to Nations and provided an explanation within the draft Assessment Report.
- The 180-day Application Review ended on August 3, 2022. A time limit extension will be required, which is issued retroactively when the ministers' decision is announced. Extra time has been required for the PCP and for issues resolution (primarily with federal issues).
- Once the materials have been finalized after the public comment period, they will be forwarded to ministers for decision (anticipated November 1, 2022). Under the legislation, ministers have 45 days to make a decision on whether or not to issue an environmental assessment certificate for the project.

Communications Contact: Sarah Plank

250 208-9621

Program Area Contact: Fern Stockman

250 889-0417

## Questions list - responses

---

From: Michael Eddy <MEddy@pembina.com>  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: September 18, 2022 9:55:13 AM PDT  
Attachments: 2022 (09 06) Cedar LNG Question List.docx

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Mark - hope you're having. A good weekend, and apologies for the delay.

Attached are the responses to the questions you sent us after our meeting a few weeks back.

Thx!

Mike

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1. How do you include commissioning revenue in your model? Are they included in Capex in the same way as pre-COD opex?

s.21

2. Please confirm that the currency for Sustaining Capex is CAD? If not may require model modification. Is pre-construction capex and actual CAPEX in CAD?

s.21

3. Labour Costs & Personal Income Tax – To discuss with the client the accuracy of 0%?

s.13

4. Plant availability - As we continue, will want to understand further what is making up this estimate?

s.13

5. CCA- check with Canada to see if your assumptions around ACCA treatment hold for your project's timeline.

s.13

6. Property Tax- I see it's put into the Time-based Assumptions. Are those real or nominal? Can we assume an amount, and have it tied to an escalation factor?

s.21

7. General Inflation Rate - Cedar provided escalation assumptions that are all at 2%, the accompanying comment indicates that this is a generic CPI assumption. Given current inflation is 2% a reasonable long-term inflation assumption? Should a curve be applied?

*We will defer to BC.*

8. Cedar assume a long-term USD:CAD FX rate of 1.25. How reasonable is this?

*We will defer to BC.*



## Cedar LNG

**Problem Statement:** The Cedar LNG project would create sustainable jobs and economic development and is important to both the Haisla Nation and future meaningful partnerships with Indigenous peoples on their traditional territories. Key regulatory decisions are ahead of the project before it can make a Final Investment Decision (anticipated in 2023). As well, the Ministry of Energy, Mines and Low Carbon Innovation in partnership with the federal government (Natural Resource Canada) and the project are undertaking a financial modelling exercise to better understand the project's economics and competitiveness as well as the revenue opportunity it presents to government.

### Key Messages

- While a project such as Cedar LNG would play a relatively small role in opening the door to global markets for Canada's natural gas industry, it represents a multi-generational economic development opportunity for the Haisla Nation and other surrounding communities.
- Timely regulatory decisions from both the Federal and Provincial governments are needed to enable the project to advance in on its planned timeline.

### Background

- The Cedar LNG project is a proposed Liquefied Natural Gas (LNG) facility and export terminal located in Kitimat, British Columbia (BC) within the traditional territory of the Haisla Nation.
- Cedar LNG is located on Haisla-owned land in the Douglas Channel. The project is planned as a floating liquefaction facility that would operate with electricity from the BC Hydro grid.
- The project is anticipated to cost US\$2.4 billion and has an anticipated export capacity of 3 million tonnes per annum.
- The project will receive natural gas from northeast BC through the Coastal GasLink (CGL) pipeline.
- Cedar LNG entered the environmental assessment process August 2019. In February 2022, the project began the application review process.
- A 30-day public comment period on the updated draft referral materials will be held between September 21 and October 14, 2022.
- It is anticipated that in early November, the EAO will refer the project to provincial Ministers for decision.
- Cedar LNG would be the largest First Nation-owned infrastructure project in Canada.

## Meeting in Victoria morning of Wednesday, October 12?

---

From: Michael Eddy <MEddy@pembina.com>  
To: keith.anderson@bchydro.com  
Cc: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: October 4, 2022 11:39:52 AM PDT  
Attachments: image001.png

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Keith,

I recognize it is very short notice, but I will be in Victoria first thing Wednesday morning, and was wondering if you would want to try to connect with Les or Amy at that time.

Cc'ing Mark who can hopefully help us find some time that morning, if it would work for you.

If not, let's shoot for later in October.

Many thanks,

Mike

**MICHAEL EDDY**

Director, External Affairs

1800 – 1177 West Hastings Street  
Vancouver, BC V6E 2K3  
m 604.346.7892  
cedarlng.com



## Re: [EXT] RE: Meeting in Victoria morning of Wednesday, October 12?

---

From: Michael Eddy <MEddy@pembina.com>  
To: Khan, Tess <Tess.Khan@bchydro.com>  
Cc: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: October 4, 2022 12:12:02 PM PDT  
Attachments: image002.png

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Thanks Tess – I am suggesting Victoria, where we can meet with Amy or Les from EMLI (if it works for their schedules as well).

Cheers

Mike

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---

**From:** Khan, Tess <Tess.Khan@bchydro.com>  
**Sent:** Tuesday, October 4, 2022 11:46:19 AM  
**To:** Michael Eddy <MEddy@pembina.com>  
**Cc:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Subject:** [EXT] RE: Meeting in Victoria morning of Wednesday, October 12?

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Moring Michael,

I wanted to confirm if this would be time on Wednesday October 5<sup>th</sup> or if you are looking for time on Wednesday October 12<sup>th</sup>.

Also would this be an in person meeting in Victoria?

Thanks,

Tess

---

**From:** Michael Eddy <MEddy@pembina.com>  
**Sent:** 2022, October 04 11:40 AM  
**To:** Anderson, Keith <Keith.Anderson@bchydro.com>  
**Cc:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Subject:** [External] Meeting in Victoria morning of Wednesday, October 12?

**Security Risk Assessment: Use Caution**

The email is from <MEddy@pembina.com> with a friendly name of Michael Eddy <MEddy@pembina.com>

**DO NOT click on links or open attachments** unless you trust the sender and are expecting the link or attachment.  
If you suspect this message to be phishing, please report it to BC Hydro [Phishing Support](#)

Keith,

I recognize it is very short notice, but I will be in Victoria first thing Wednesday morning, and was wondering if you would want to try to connect with Les or Amy at that time.

Cc'ing Mark who can hopefully help us find some time that morning, if it would work for you.

If not, let's shoot for later in October.

Many thanks,

Mike

**MICHAEL EDDY**

Director, External Affairs

1800 – 1177 West Hastings Street  
Vancouver, BC V6E 2K3  
m 604.346.7892  
cedarlng.com



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## Re: [EXT] RE: Meeting in Victoria morning of Wednesday, October 12?

---

From: Michael Eddy <MEddy@pembina.com>  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Khan, Tess <Tess.Khan@bchydro.com>  
Sent: October 4, 2022 3:16:05 PM PDT  
Attachments: image001.png

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

That would work for me. Thanks Mark!

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---

**From:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Sent:** Tuesday, October 4, 2022 3:14:27 PM  
**To:** Khan, Tess <Tess.Khan@bchydro.com>; Michael Eddy <MEddy@pembina.com>  
**Subject:** RE: [EXT] RE: Meeting in Victoria morning of Wednesday, October 12?

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi all,

Might be able to make 9-10 work that morning...but need to know pretty quick if that would work for others.

Mark

---

**From:** Khan, Tess <Tess.Khan@bchydro.com>  
**Sent:** October 4, 2022 12:55 PM  
**To:** Michael Eddy <MEddy@pembina.com>  
**Cc:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Subject:** RE: [EXT] RE: Meeting in Victoria morning of Wednesday, October 12?

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Thank you for clarifying Mike.

Mark please let us know if Amy and Les are available to meet in the morning of October 12<sup>th</sup>.

Tess

---

**From:** Michael Eddy <MEddy@pembina.com>  
**Sent:** 2022, October 04 12:12 PM  
**To:** Khan, Tess <Tess.Khan@bchydro.com>  
**Cc:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Subject:** [External] Re: [EXT] RE: Meeting in Victoria morning of Wednesday, October 12?

**Security Risk Assessment: Use Caution**

The email is from <MEddy@pembina.com> with a friendly name of Michael Eddy <MEddy@pembina.com>

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**Sent:** Tuesday, October 4, 2022 11:46:19 AM  
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Thanks,

Tess

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**From:** Michael Eddy <MEddy@pembina.com>  
**Sent:** 2022, October 04 11:40 AM  
**To:** Anderson, Keith <Keith.Anderson@bchydro.com>  
**Cc:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Subject:** [External] Meeting in Victoria morning of Wednesday, October 12?

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Mike

**MICHAEL EDDY**

Director, External Affairs

1800 – 1177 West Hastings Street  
Vancouver, BC V6E 2K3  
m 604.346.7892  
[cedarlng.com](http://cedarlng.com)



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## FW: [EXT] You have been added as a guest to EY in Microsoft Teams

From: Michael Eddy <MEddy@pembina.com>  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: October 14, 2022 12:27:20 PM PDT  
Attachments: ATT00001.jpg

**[EXTERNAL]** This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Mark – seems like I have been added but I can't see anything in my teams to access...any suggestions?

Thx

M

---

**From:** Microsoft Teams <noreply@email.teams.microsoft.com>  
**Sent:** Thursday, October 13, 2022 10:51 AM  
**To:** Michael Eddy <MEddy@pembina.com>  
**Subject:** [EXT] You have been added as a guest to EY in Microsoft Teams

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

# Microsoft Teams

## Roger added you as a guest to EY!

PS

**EXTERNAL - Project Sockeye  
(Shingle)**

Project Sockeye

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### **Make video calls and schedule online meetings**

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### **Team files, notes, and apps in one place**

Your team's tools are organized and integrated in Microsoft Teams with the power of Office 365.

Open Microsoft Teams

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**Mi** Mac

**Mi** iOS

**Mi** Android

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## Re: [EXT] You have been added as a guest to EY in Microsoft Teams

---

From: Michael Eddy <MEddy@pembina.com>  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: October 14, 2022 12:38:38 PM PDT

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Yeah text me and we can see. Otherwise Monday could work too!

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---

**From:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Sent:** Friday, October 14, 2022 12:36:28 PM  
**To:** Michael Eddy <MEddy@pembina.com>  
**Subject:** Re: [EXT] You have been added as a guest to EY in Microsoft Teams

Caution: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hmmm - just flying back from PG. Got time eod today? Perhaps with a screen share we can navigate the problems.

Get Outlook for iOS  
s.15

---

From: Michael Eddy <MEddy@pembina.com>  
Sent: Friday, October 14, 2022 12:27:20 PM  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Subject: FW: [EXT] You have been added as a guest to EY in Microsoft Teams

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Mark – seems like I have been added but I can't see anything in my teams to access...any suggestions?

Thx

M

From: Microsoft Teams <noreply@email.teams.microsoft.com>  
Sent: Thursday, October 13, 2022 10:51 AM  
To: Michael Eddy <MEddy@pembina.com>

Subject: [EXT] You have been added as a guest to EY in Microsoft Teams

Caution: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Microsoft Teams

Roger added you as a guest to EY!

[EXTERNAL - Project Sockeye (Shingle)]

EXTERNAL - Project Sockeye (Shingle)

Project Sockeye

Open Microsoft Teams  
s.15

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s.15

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Privacy policy<s.15  
s.15

s.15

## access to model?

---

From: Michael Eddy <MEddy@pembina.com>  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Cc: Eric Magnusson <ErMagnusson@pembina.com>, Scott Atha <SAtha@pembina.com>  
Sent: October 25, 2022 11:06:12 AM PDT  
Attachments: image001.png

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

H Mark – can you please ask EY to give access to the model to the following Cedar team members as well?

Many thanks,

Mike

**MICHAEL EDDY**

Director, External Affairs

1800 – 1177 West Hastings Street  
Vancouver, BC V6E 2K3  
m 604.346.7892  
cedarlng.com





## securities

---

From: Michael Eddy <MEddy@pembina.com>  
To: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>, Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Tony Brady <tbrady@haisla.ca>  
Sent: November 4, 2022 3:25:38 PM PDT  
Attachments: image001.png

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Suzanne

Thanks for the conversation earlier. s.21  
s.21

Mobile number is below if easier.

Thanks again,

Mike

**MICHAEL EDDY**

Director, External Affairs

1800 – 1177 West Hastings Street  
Vancouver, BC V6E 2K3  
m 604.346.7892  
cedarlng.com



### Cedar LNG Emissions

- The EAO assessed the GHG emissions from Cedar LNG as part of the EA process. The assessment notes that Cedar LNG will produce:
  - 251.3 kt CO<sub>2</sub>e/yr of direct (facility-based) and indirect (from acquired electricity to run project) GHG emissions during operations or 0.38% of B.C.'s total emissions (2019); and
  - Between 290 kt CO<sub>2</sub>e/yr and 975 kt CO<sub>2</sub>e/yr from incremental in-BC associated upstream emissions. This range is dependent on the assumptions used in the estimates<sup>1</sup>.
- The GHG emissions intensity associated with Cedar LNG would be 0.08 t CO<sub>2</sub>e per t of LNG produced, which would be the lowest emissions of any large global facility. This is approximately one-half of the maximum GHG emissions intensity required under B.C.'s *Greenhouse Gas Industrial Reporting and Control Act*.

s.13

s.13 the implementation of Cedar's GHG reduction plan, whose cited offset purchases would need to be 2050-eligible, would ensure that Cedar LNG aligns with B.C.'s longer-term GHG emission targets.

### Projected Emissions Estimates from B.C. LNG Projects

Projections in the 2021 Climate Change Accountability Report consider GHG emissions from LNG production of 14 million tonnes per year, starting in 2025 (Modelling CleanBC: 2021 Methodology Report); this is the amount of LNG to be produced by LNG Canada. After the release of that report, the province released CleanBC Roadmap to 2030, which lays out additional policies and actions that are projected to enable B.C. to reach its 2030 target and oil and gas sector target.

These policies include a commitment for all new industrial operations to develop plans to be net zero by 2050 and these plans must also consider 2030 and 2040 targets and a 75% reduction in methane emissions by 2030. s.13

s.13

s.13 See table 1 for a projected summary of emissions from LNG projects in B.C.

---

<sup>1</sup> The lower range upstream uses the same methodology as shown in table 2 and looks at BC-specific incremental emissions. The higher range uses an ECCC historical emission factor for upstream emissions and includes all upstream, regardless of incrementality or location.

Table 1. Project Emissions Estimates from B.C. LNG Projects\*

Project	Location	Volume (MTPA)	Estimated Emissions (MT) & Intensity (CO <sub>2</sub> e/tonne)	Upstream/midstream emissions (MtCO <sub>2</sub> e)	Total emissions (MtCO <sub>2</sub> e)
Under Construction					
<b>LNG Canada Phase 1</b> (Shell, PETRONAS, PetroChina, Mitsubishi, KOGAS)	Kitimat	14	2.1 (0.15)	1.35	3.45
Major Regulatory Approvals Issued					
<b>LNG Canada Phase 2</b> (Shell, PETRONAS, PetroChina, Mitsubishi, KOGAS)	Kitimat	14	2.1 (0.15)	4.6 (higher number due to need to “line-pack” CGL)	6.7
<b>Woodfibre LNG</b> (Pacific Energy)	Squamish	2.1	0.13-0.17 (0.06-0.08)	.20	0.33-0.37
<b>Port Edward LNG</b> (PELNG)	Port Edward	s.21		s.21	
s.21					
In Regulatory Approvals Process					
<b>Cedar LNG</b> (Haisla First Nation, Pembina Pipeline)	Kitimat	3	0.25 (0.08)		
<b>Tilbury LNG Phase 2</b> (FortisBC)	Delta	2.5	0.19 (0.076)		
<b>Ksi Lisims LNG</b> (Nisga’a Nation, Western LNG, Rockies LNG)	Wil Milit (Nisga’a Territory)	12	0.6 – 1.87 <sup>[3]</sup> (0.05-0.16)		
<b>Total emissions</b>		49.9	5.4-6.6		

\*Notes about the Estimates in Table 1:

- Some of the projects are in a very early stage of development and may not proceed to operations
- Most facilities upstream emissions are very uncertain as they depend on gas source and the provincial/federal climate policy framework
- For most facilities, the same upstream emissions assumptions as LNGC phase 1 are used

<sup>[3]</sup> Depending on power source (gas drive vs. electrified)

- The same midstream emissions assumptions are used as LNGC phase 1 (0.1 Mt). The only exception is LNGC phase 2 which is expected to have significantly higher transmission emissions

#### LNG Canada Phase 1 Value Chain Emission Estimates

The following table was the 2018 estimate of in-BC incremental value chain emissions from the LNG Canada facility at the time of final investment decision. CAS has used the same methodology to determine Cedar LNG's in-BC incremental emissions. It is acknowledged that some assumptions may have changed since 2018 (e.g. upstream emissions intensity has decreased since 2015, mid-stream emissions may be higher due to the need for higher compression in a fuller pipeline).

Table 2. LNG Canada Phase 1 Value Chain Emissions Estimates

	2018 Estimate (Mt CO <sub>2</sub> e)	Assumptions for 2018 estimate
Facility GHGs	2.1	s.13
Midstream GHGs	0.11	
Upstream GHGs	1.24	
Total	3.45	

## Fwd: [EXT] RE: Competitiveness Check List Cedar LNG - Revised

---

From: Michael Eddy <MEddy@pembina.com>  
To: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>, Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Matthew Weil <MWeil@pembina.com>, Tony Brady <tbrady@haisla.ca>  
Sent: November 23, 2022 9:42:27 AM PST  
Attachments: Competitiveness Check List Cedar LNG Nov 23.xlsx

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Great, thanks Suzanne. Look forward to speaking in 20. Hoping the below works as a rough agenda for discussion:

1. Modelling: next steps, timeline to finalization of model by end of 2022 (allowing for negotiation of fiscal framework in January 2023)
2. BCH update (FEF, securities for PGTC)
3. Walk-through of checklist

Thanks!

Mike

Get Outlook for iOS

---

**From:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
**Sent:** Wednesday, November 23, 2022 9:37:47 AM  
**To:** Michael Eddy <MEddy@pembina.com>; jeffa@strategies360.ca <jeffa@strategies360.ca>; Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>; Langlais, Danielle EMLI:EX <Danielle.Langlais@gov.bc.ca>  
**Subject:** [EXT] RE: Competitiveness Check List Cedar LNG - Revised

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning, Mark and I have updated the check list table. Attached for our discussion today.

Thanks,  
Suzanne

---

**From:** Manahan, Suzanne EMLI:EX  
**Sent:** October 27, 2022 6:14 PM  
**To:** 'meddy@pembina.com' <meddy@pembina.com>; 'jeffa@strategies360.ca' <jeffa@strategies360.ca>  
**Cc:** Amann-Blake, Nathaniel EMLI:EX <Nathaniel.Amann-Blake@gov.bc.ca>; Mark.Urwin@gov.bc.ca; Mihlar, Fazil EMLI:EX <Fazil.Mihlar@gov.bc.ca>  
**Subject:** Competitiveness Check List Cedar LNG

Cedar LNG Team, thank you for your time today. As discussed, please find attached a draft competitiveness checklist that our teams will engage on going forward s.12; s.13; s.16  
s.12; s.13;

I would be pleased to meet to discuss the sets of deliverables, discuss the path forward, customize to the specifics of your project and establish achievable timelines. Unfortunately, I do not have a recent contact email for Chief Smith, so please feel free to share the checklist with your team.

Suzanne

Suzanne Manahan  
Executive Lead, Major Projects  
Ministry of Energy, Mines and Low Carbon Innovation  
250-217-1567

Page 200 of 212 to/à Page 201 of 212

Withheld pursuant to/removed as

s.12 ; s.13 ; s.16

## Re: [EXT] Cedar LNG modeling

---

From: Michael Eddy <MEddy@pembina.com>  
To: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Roger Crawley <Roger.Crawley@ca.ey.com>, Cole Grbavac <Cole.Grbavac@ca.ey.com>, Fiona Mullins <Fiona.Mullins@ca.ey.com>, Matthew Weil <MWeil@pembina.com>, Tony Brady <tbrady@haisla.ca>, Christina.Caouette@NRCan-RNCan.gc.ca, Lauren.Giandomenico@NRCan-RNCan.gc.ca, jeffery.schmidtke@NRCan-RNCan.gc.ca, warren.neill@NRCan-RNCan.gc.ca  
Cc: Tim Philpotts <Tim.J.Philpotts@ca.ey.com>, Scott Badham <SBadham@pgimidstream.com>, Eric Magnusson <ErMagnusson@pembina.com>  
Sent: November 23, 2022 10:14:42 AM PST  
Attachments: image001.png

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Thanks Mark.

It looks like next Friday (December 2<sup>nd</sup>) is pretty open for us, if we can plan our next get-together for the morning that day.

I will get our team together beforehand so we are in a good position to discuss the below on Friday.

Thanks,

Mike

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---

**From:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
**Sent:** Tuesday, November 22, 2022 9:47:39 PM  
**To:** Roger Crawley <Roger.Crawley@ca.ey.com>; Cole Grbavac <Cole.Grbavac@ca.ey.com>; Fiona Mullins <Fiona.Mullins@ca.ey.com>; Michael Eddy <MEddy@pembina.com>; Matthew Weil <MWeil@pembina.com>; Tony Brady <tbrady@haisla.ca>; Christina.Caouette@NRCan-RNCan.gc.ca <Christina.Caouette@NRCan-RNCan.gc.ca>; Lauren.Giandomenico@NRCan-RNCan.gc.ca <Lauren.Giandomenico@NRCan-RNCan.gc.ca>; jeffery.schmidtke@NRCan-RNCan.gc.ca <jeffery.schmidtke@NRCan-RNCan.gc.ca>; warren.neill@NRCan-RNCan.gc.ca <warren.neill@NRCan-RNCan.gc.ca>  
**Cc:** Tim Philpotts <Tim.J.Philpotts@ca.ey.com>; Scott Badham <SBadham@pgimidstream.com>  
**Subject:** [EXT] Cedar LNG modeling

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good evening everyone,

It's been a couple of weeks since our last meeting and I'm pleased to say that Roger and team have done a great job incorporating everyone's feedback in the updated model. I'm working with them to continue refining some of the taxation pieces but wanted to get everyone's eyes on the model as it stands now.

Roger and team will be loading a new version of our model up on to the Teams site so that it's ready to go tomorrow (November 23).

We've addressed the cost of upstream gas (aligns with Wood Mackenzie's long-term outlook for Station 2 prices) as well as the pipeline toll.



Mike, Tony, Matt and Scott – would like to hear from you regarding the liquefaction portion of the cost stack and the electricity cost related to liquefaction to see how this may (or may not) align with any internal modelling that you have done to date.

I'd like to get the group back together a couple of times before folks start drifting off for holiday breaks. Could you please let me know what your availability would be like for a quick call next week?

Thanks,  
Mark



Mark Urwin (he/him)  
Acting Executive Director, Energy Information and Analytics Branch  
Ministry of Energy, Mines and Low Carbon Initiatives

Office Address: 4<sup>th</sup> Floor, 1810 Blanshard Street Victoria BC  
Postal Address: PO Box 9323 STN PROV GOVT, Victoria BC, Canada V8W 9N3  
tel: +1-778-677-5293  
email: mark.urwin@gov.bc.ca

## RE: [EXT] RE: Competitiveness Check List Cedar LNG - Revised

---

From: Michael Eddy <MEddy@pembina.com>  
To: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>, Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Langlais, Danielle EMLI:EX <Danielle.Langlais@gov.bc.ca>, Tony Brady <tbrady@haisla.ca>, Matthew Weil <MWeil@pembina.com>  
Sent: November 23, 2022 11:25:39 AM PST

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Suzanne and team,

Thanks for the conversation earlier. Following up, please see the link to the comfort letter that the Premier provided to LNG Canada in March of 2018 (6 months before FID).

Schedule E in the attached...s.13; s.16  
s.13; s.16

Mike

[lng\\_agreement.pdf](#)

---

**From:** Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
**Sent:** Wednesday, November 23, 2022 9:38 AM  
**To:** Michael Eddy <MEddy@pembina.com>; jeffa@strategies360.ca; Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>; Langlais, Danielle EMLI:EX <Danielle.Langlais@gov.bc.ca>  
**Subject:** [EXT] RE: Competitiveness Check List Cedar LNG - Revised

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning, Mark and I have updated the check list table. Attached for our discussion today.

Thanks,  
Suzanne

---

**From:** Manahan, Suzanne EMLI:EX  
**Sent:** October 27, 2022 6:14 PM  
**To:** 'meddy@pembina.com' <[meddy@pembina.com](mailto:meddy@pembina.com)>; 'jeffa@strategies360.ca' <[jeffa@strategies360.ca](mailto:jeffa@strategies360.ca)>  
**Cc:** Amann-Blake, Nathaniel EMLI:EX <[Nathaniel.Amann-Blake@gov.bc.ca](mailto:Nathaniel.Amann-Blake@gov.bc.ca)>; Mark.Urwin@gov.bc.ca; Mihlar, Fazil EMLI:EX <[Fazil.Mihlar@gov.bc.ca](mailto:Fazil.Mihlar@gov.bc.ca)>  
**Subject:** Competitiveness Check List Cedar LNG

Cedar LNG Team, thank you for your time today. As discussed, please find attached a draft competitiveness checklist that our teams will engage on going forward s.12; s.13; s.16  
s.12; s.13;

I would be pleased to meet to discuss the sets of deliverables, discuss the path forward, customize to the specifics of your project and establish achievable timelines. Unfortunately, I do not have a recent contact email for Chief Smith, so please feel free to share the checklist with your team.

Suzanne

Suzanne Manahan  
Executive Lead, Major Projects  
Ministry of Energy, Mines and Low Carbon Innovation  
250-217-1567

## Re: [EXT] Confirmed - No FISC

From: Michael Eddy <MEddy@pembina.com>  
To: Schmidtke, Jeff <jeffery.schmidtke@NRCan-RNCan.gc.ca>, Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Roger Crawley <Roger.Crawley@ca.ey.com>, Cole Grbavac <Cole.Grbavac@ca.ey.com>, Fiona Mullins <Fiona.Mullins@ca.ey.com>, Matthew Weil <MWeil@pembina.com>, Tony Brady <tbrady@haisla.ca>, Caouette, Christina <Christina.Caouette@NRCan-RNCan.gc.ca>, Giandomenico, Lauren <Lauren.Giandomenico@NRCan-RNCan.gc.ca>, Neill, Warren <warren.neill@NRCan-RNCan.gc.ca>, Scott Badham <SBadham@pgimidstream.com>, Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>, Tim Philpotts <Tim.J.Philpotts@ca.ey.com>  
Sent: December 2, 2022 2:01:12 PM PST

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Thanks for confirming Jeff.

Mike

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---

**From:** Schmidtke, Jeff <jeffery.schmidtke@NRCan-RNCan.gc.ca>  
**Sent:** Friday, December 2, 2022 1:47:36 PM  
**To:** Urwin, Mark MNGD:EX <Mark.Urwin@gov.bc.ca>; Roger Crawley <Roger.Crawley@ca.ey.com>; Cole Grbavac <Cole.Grbavac@ca.ey.com>; Fiona Mullins <Fiona.Mullins@ca.ey.com>; Michael Eddy <MEddy@pembina.com>; Matthew Weil <MWeil@pembina.com>; Tony Brady <tbrady@haisla.ca>; Caouette, Christina <Christina.Caouette@NRCan-RNCan.gc.ca>; Giandomenico, Lauren <Lauren.Giandomenico@NRCan-RNCan.gc.ca>; Neill, Warren <warren.neill@NRCan-RNCan.gc.ca>; Scott Badham <SBadham@pgimidstream.com>; suzanne.manahan@gov.bc.ca <suzanne.manahan@gov.bc.ca>; Tim Philpotts <Tim.J.Philpotts@ca.ey.com>  
**Subject:** [EXT] Confirmed - No FISC

**Caution:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello again Everyone,

Further to our discussion earlier today on the applicability of FISC, please see below the response from Finance Canada (bottom line is that FISC is no longer applicable):

### ***FISC Trade Remedy Duties: Background***

The anti-dumping duties applied to FISC imported from China, South Korea and Spain, and countervailing duties imposed on FISC imports from China, expired on May 24, 2022 as per a notice published by the Canadian International Trade Tribunal: <https://decisions.citt-tcce.gc.ca/citt-tcce/a/en/item/520996/index.do> . No trade remedy duties currently apply to imports of FISC.

For context, the anti-dumping and countervailing duties were imposed on May 25, 2017, following independent, arms-length investigations by the [Canada Border Services Agency](#) and the [Canadian International Trade Tribunal](#). The investigations were initiated following the submission of a complaint by Canadian FISC producers, and duties were only imposed after it was found that dumped and unfairly subsidized imports were causing injury to the domestic industry. The duties were initially imposed for a period of 5 years (i.e., May 2017 to May 2022), subject to the possibility of extension following the completion of an expiry review.

In August 2019, following requests from LNG producers, the Minister of Finance took the decision to remit the anti-dumping and countervailing duties in respect of FISC contained in modules imported to Canada for use in specific

projects, as identified in the remission order: [Fabricated Industrial Steel Components Anti-dumping and Countervailing Duty Remission Order \(justice.gc.ca\)](#)

Ahead of the expiry of the duties, the Canadian International Trade Tribunal issued a notice requesting views either requesting or opposing the initiation of an expiry review. As the Tribunal received no submissions in support of an expiry review, a review was not initiated. Resultantly, the anti-dumping and countervailing duties expired on May 24, 2022. Although the remission order has not been repealed, it is effectively moot, as the duties themselves are no longer in place.

Have a great weekend,

Jeff

Jeff Schmidtke, CFA

Chief, Economic Analysis | Chef, Analyse économique

Energy and Economic Analysis Division | Division de l'analyse de l'énergie et de l'économie

Energy Policy and International Affairs Branch | Direction de la politique énergétique et affaires internationales

Energy Systems Sector | Secteur des systèmes énergétiques

Natural Resources Canada | Ressources naturelles Canada

## Status of First Nations Agreements

---

From: Michael Eddy <Michael.Eddy@cedarlng.com>  
To: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>  
Cc: Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>, Tony Brady <tbrady@haisla.ca>  
Sent: December 8, 2022 2:38:57 PM PST  
Attachments: image001.png

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Suzanne

s.16

s.16

s.16

Many thanks,

Mike

**MICHAEL EDDY**

Director, External Affairs

1800 – 1177 West Hastings Street  
Vancouver, BC V6E 2K3  
m 604.346.7892  
cedarlng.com

## Confidential: Gitga'at Letter of Non-Objection

---

From: Michael Eddy <MEddy@pembina.com>  
To: Manahan, Suzanne EMLI:EX <Suzanne.Manahan@gov.bc.ca>, Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>  
Sent: December 12, 2022 3:27:29 PM PST  
Attachments: VANCOUVER-#51356188-v2-Letter\_to\_Provincial\_Ministers\_-\_Gitga\_at Signed (002).pdf

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Suzanne, Mark

Good news – letter of non-objection from Gitga'at (we have shared with EAO and IAAC as well).

We will keep you updated with any other letters of support / non-objection that come in this week.

Best,

Mike



## Gitga'at First Nation

445 Hayimiisaxaa Way, Hartley Bay, BC V0V 1A0  
Phone: 250-841-2500 / 841-2525 Fax: 855-259-7085

December 12, 2022

Honourable George Heyman  
Minister of Environment and Climate Change Strategy  
PO Box 9047 Stn Prov Govt  
Victoria, BC V8W 9E2

Honourable Bruce Ralston  
Minister of Energy, Mines and Low Carbon Innovation  
PO Box 9060 Stn Prov Govt  
Victoria, BC V8W 9E2

Emailed to ENV.Minister@gov.bc.ca and EMPR.Minister@gov.bc.ca

**Re: Cedar LNG Project - Application for Environmental Assessment Certificate**

Dear Minister Heyman and Minister Ralston:

I am writing to confirm the position of the Gitga'at Nation on the application for an Environmental Assessment Certificate (EAC) for the Cedar LNG Project (Project).

Our Nation supports the Haisla Nation pursuing the Project as part of its broader objectives for economic development within its territory. We have made productive strides with Cedar LNG toward concluding an agreement in respect of the Project. We anticipate being in a position to confirm our consent to the Project upon conclusion of a definitive agreement with Cedar LNG early in the new year.

Accordingly, the Gitga'at Nation does not object to the issuance of the EAC for the Project.

We nevertheless wish to highlight our continuing concerns about the approach taken by the provincial and federal governments to environmental assessment processes, in particular the failure of the Crown to engage meaningfully in relation to unmitigated residual and cumulative impacts on our Nation's inherent and aboriginal rights. While we are encouraged by the bilateral commitments made by Cedar LNG, these issues are broader than a single proponent or project. In order for the Gitga'at Nation to continue supporting development of major projects in the North Coast, it is critical that Canada and British Columbia take meaningful actions to address these matters in collaboration with our Nation.

Sincerely,

  
Arnold Clifton  
Gitga'at Nation



## FW: Cedar LNG Financial Model -- Additional Assumptions & PST During Construction

---

From: Eric Magnusson <ErMagnusson@pembina.com>  
To: Chicoine, Alisha EMLI:EX <Alisha.Chicoine@gov.bc.ca>  
Sent: December 16, 2022 10:56:48 AM PST  
Attachments: Cedar LNG - Current Project Financing Assumptions.xlsx, image001.png

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

---

**From:** Eric Magnusson  
**Sent:** Friday, December 16, 2022 11:27 AM  
**To:** Urwin, Mark EMLI:EX <Mark.Urwin@gov.bc.ca>; Roger Crawley <Roger.Crawley@ca.ey.com>; Cole Grbavac <Cole.Grbavac@ca.ey.com>; Fiona.Mullins@ca.ey.com; Michael Eddy <MEddy@pembina.com>; Matthew Weil <MWeil@pembina.com>; tbrady@haisla.ca; Christina.Caouette@NRCan-RNCan.gc.ca; Lauren.Giandomenico@NRCan-RNCan.gc.ca; jeffery.schmidtke@nrcan-rncan.gc.ca; warren.neill@nrcan-rncan.gc.ca  
**Cc:** Tim.J.Philpotts@ca.ey.com; Scott Badham <SBadham@pgimidstream.com>; Suzanne.Manahan@gov.bc.ca  
**Subject:** Cedar LNG Financial Model -- Additional Assumptions & PST During Construction

All,

Please see attached the latest financing assumptions applicable for Cedar LNG. These inputs will continue to be refined as the project gets de-risked and as the commercial offtake terms get finalized.

s.21

Thanks,  
Eric



**Eric Magnusson** — Senior Specialist, Financial Analysis, New Ventures Unit  
Pembina Pipeline Corporation | (Room #33-025) 585 8<sup>th</sup> Ave SW, Calgary, AB T2P 1G1  
Tel: (403) 231-6720 | Cell: (403) 701-4506 | [ermagnusson@pembina.com](mailto:ermagnusson@pembina.com)

Page 212 of 212

Withheld pursuant to/removed as

s.21

**From:** [Humber, Emmy MNGD:EX](#)  
**To:** [Vesely, Andrew IRR:EX](#)  
**Cc:** [Coley, Simon J EMPR:EX](#)  
**Subject:** RE: Pembina Pipeline Corporation | LPG Terminal Prince Rupert  
**Date:** February 13, 2018 3:24:54 PM  
**Attachments:** [PRT - Aboriginal Consultation Plan Final Dec.14.docx](#)  
[Prince Rupert Terminal-PSIP-Final\\_Feb2018.pdf](#)

---

Hi Andrew,

We don't have a "lead" on Pembina per se. **s.13**

**s.13**

I have attached the information the proponent shared with Simon and our DM when they met for your reference. There is a table in the attached PDF that shows permitting requirements.

EAO has received a letter from Lax/Met requesting the project be considered reviewable – we will support the drafting of that as required.

Can you share a bit more about the nature of the meeting you're planning with Pembina? If it's information sharing then I don't think my presence is necessary but happy to discuss further with you.

Emmy

---

**From:** Vesely, Andrew IRR:EX  
**Sent:** Tuesday, February 13, 2018 1:16 PM  
**To:** Humber, Emmy MNGD:EX; Coley, Simon J EMPR:EX  
**Subject:** RE: Pembina Pipeline Corporation | LPG Terminal Prince Rupert

Hi Emmy –

Gio, Rachel and I are going to meet with Pembina the week of Feb 26 – still working out day/time.

Would you be interested in joining us? And do you have any docs you could share concerning Pembina that you reference below? Any info about how the meeting went with your DM would be helpful as well. Anything we should know?

Many thanks,  
Andrew

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**From:** Humber, Emmy MNGD:EX  
**Sent:** Tuesday, February 6, 2018 1:40 PM  
**To:** Vesely, Andrew IRR:EX; Coley, Simon J EMPR:EX  
**Subject:** FW: Pembina Pipeline Corporation | LPG Terminal Prince Rupert

Hi Simon,

Does EMPR have a 'lead' on Pembina?

Andrew – Simon and I have been peripherally involved over the short term. My understanding is that JTT is the 'lead' corporately. We will share some docs for your information.

Emmy

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**From:** Vesely, Andrew IRR:EX

**Sent:** Tuesday, February 6, 2018 1:18 PM

**To:** Humber, Emmy MNGD:EX

**Subject:** Pembina Pipeline Corporation | LPG Terminal Prince Rupert

Hi Emmy –

Pembina has requested a meeting with our minister. I understand they met with your minister and DM a few days ago and wanted to see how the discussion went. Might you know who the MEMPR lead is on this project? Or who would know?

Many thanks,  
Andrew

Andrew Vesely  
Assistant Negotiator  
Major Projects and Cross Government Initiatives  
Ministry of Indigenous Relations and Reconciliation  
Office: (250) 953-3374  
Mobile: (250) 889-4132



## **Prince Rupert Terminal Aboriginal Consultation Plan**

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## Prince Rupert Terminal Aboriginal Consultation Plan

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### Introduction

The information contained here represents Pembina's Aboriginal Consultation Plan (Plan) for its proposed west coast propane export terminal (Prince Rupert Terminal).

The Plan is subject to review and comment by Government authorities and the Aboriginal groups listed in the Plan. These groups have been identified by the British Columbia (BC) Government Consultation Area Database (CAD).

All comments will be recorded and submitted as part of the consultation process. All comments will be responded to and may be considered in a revised plan. Pembina may update this Plan from time to time as the Prince Rupert Terminal moves forward through the permitting process. As such, this document should be treated as a live document.

#### Company Background

Pembina takes its commitment to being a good corporate citizen very seriously. We aim to achieve excellence in every aspect of our business, from how we design, construct and operate our pipelines, infrastructure and facilities to how we interact with employees, customers, communities and Aboriginal groups.

Pembina is a leading transportation and midstream service provider that has served North America's energy industry for over 60 years. Pembina owns and operates an integrated system of pipelines that transport various hydrocarbon liquids including conventional and synthetic crude oil, heavy oil and oil sands products, condensate (diluent) and natural gas liquids (NGL) produced in western Canada and ethane produced in North Dakota.

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**Figure 1: Overview Map of Pembina's Areas of Operations**



Pembina has operated in western Canada since 1954, and is one of Canada's largest integrated energy infrastructure companies, with 8,200 km of conventional pipelines located in Alberta, BC, Saskatchewan and North Dakota. The majority of Pembina's BC assets are in northeast BC.

#### Project Background

On April 11, 2017, Pembina announced a non-binding letter of intent with Prince Rupert Legacy Inc., a wholly-owned subsidiary of the City of Prince Rupert. Through the letter of intent Pembina and the City of Prince Rupert have committed to assess the viability of Watson Island as a site for the development of the Prince Rupert Terminal. The Prince Rupert Terminal will be located on Watson Island which is located about 8 km south of Prince Rupert, BC and owned by the City of Prince Rupert and leased to Prince Rupert Legacy Inc. Since the 1940's, Watson Island has been home to industrial development and most recently it was the location of the former Skeena Pulp Mill. Watson Island was selected for the Prince Rupert Terminal based on its suitable geographic terrain and its existing dock and rail infrastructure.

There is a projected surplus of propane in Canada since the United States will be importing considerably less propane from Canada in the coming years. Exporting propane to overseas markets is one solution to the oversupply in Canada. Asian energy demand continues to grow, with China's demand for natural gas products growing five per cent annually. The Prince Rupert Terminal, when combined with existing Pembina infrastructure and its partners' assets, will form a complete source-to-end-use value chain. In addition, Propane is a transition fuel which replaces heavy fuels such as oil, which helps reduce the world's carbon footprint while it transitions to more sustainable fuels.



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## Project Description

An updated Project Specific Information Package is being developed now and will be made available for review once completed. The following information will be expanded upon in that project description:

### Project details:

- The Prince Rupert Terminal will be located on land owned by the City of Prince Rupert; Pembina will be leasing the property
- The total size of Watson Island is approximately 270 acres, the Prince Rupert Terminal would take up only less than 13% of the island (or 26 acres).
- There will be no product processing or refrigeration at the Prince Rupert Terminal. The terminal will be limited to handling and storage
- The Prince Rupert Terminal will utilize the existing dock located at Watson Island
- Propane temperature and pressure under storage on site will be similar as that of a household propane tank used for BBQ (see figure #2)
- Three to four ships a month would take the 30-minute journey up Porpoise Channel to the dock; which equates to less marine traffic than there was in previous years
- Because of the relatively small scale of the Prince Rupert Terminal, a formal environmental assessment is not required under either the Canadian Environmental Assessment Act or the BC Environmental Assessment Act
- The Project is expected to have minimal environmental effects during construction and operation, and the Project will have minimal air emission sources
- Canadian National (CN) currently transports approximately 200 rail cars per year of propane alone through the Port of Prince Rupert, the Prince Rupert Terminal would add only about 30 rail cars a day being stored on Watson Island
- The previous tallest structure on Watson Island was 60 m, the tallest structure at the Prince Rupert Terminal will be approximately half of that at 35 m

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**Figure 2: Common Propane Uses**



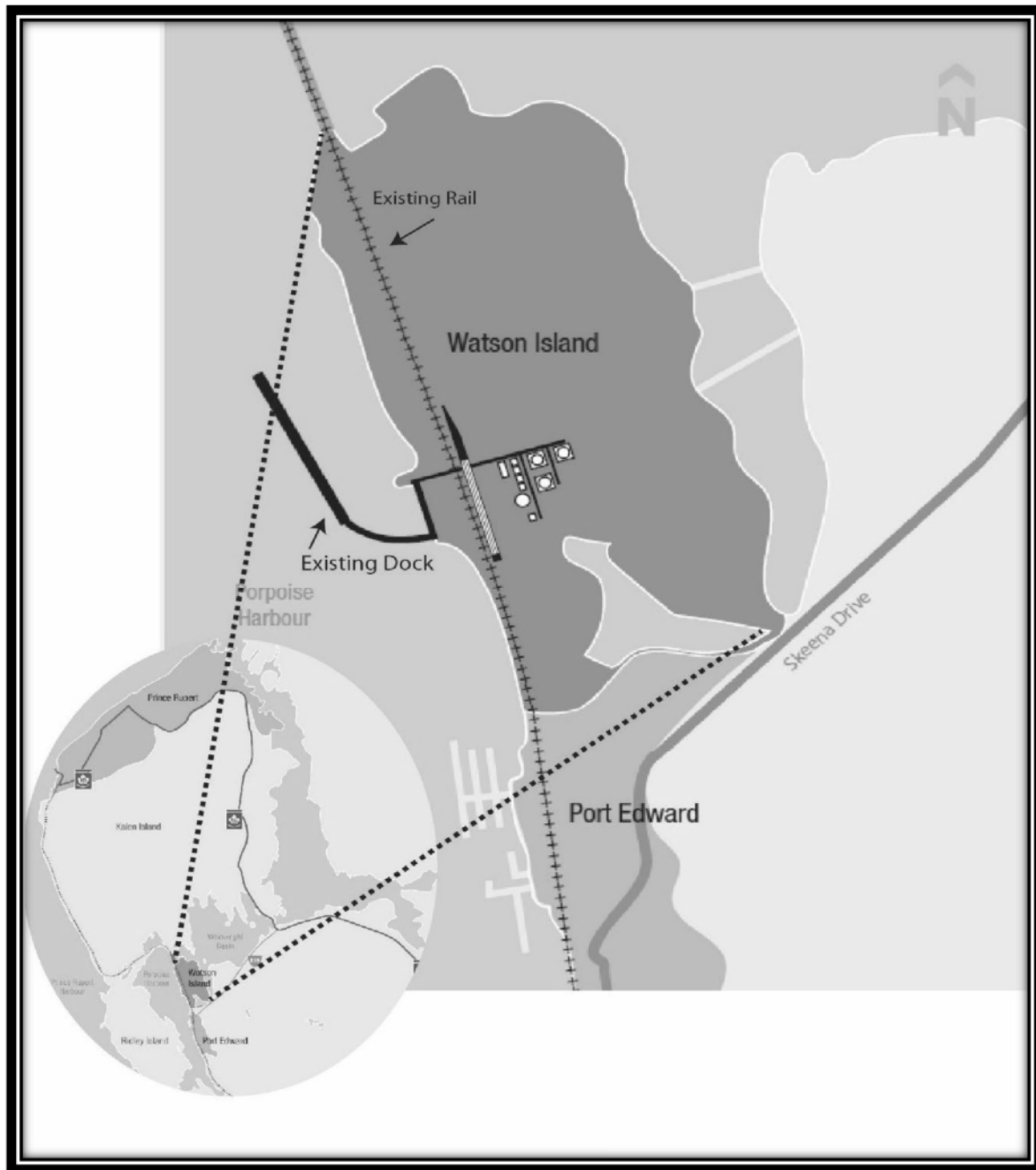
Pembina proposes to utilize the company's experience and expertise in the construction and operation of the Prince Rupert Terminal to export propane. This propane would come primarily from natural gas produced by upstream natural gas producers in BC and Alberta. Processing of some of this gas would take place at Pembina's existing Taylor facility located in Northeastern BC.

The Prince Rupert Terminal is designed to handle up to 25,000 barrels per day of propane. CN will deliver propane to the facility on existing CN Rail lines to Watson Island. With the construction of four short storage rail lines, propane will be stored in three storage spheres. Responsible conduct towards the environment will be incorporated into Project design, construction and all other Project related activities.

Propane will be delivered to the site by CN Rail on its existing rail line and stored in rail cars and then loaded into storage spheres. It is expected that approximately 30 rail cars per day on average will arrive at the site. Propane on-site will be stored at ambient temperatures and under pressures like that of a household BBQ propane tank

Propane from the storage tanks will be loaded onto small size "handysize" marine semi-refrigerated vessels with cargo capacity of approximately 150,000 barrels (see figure 6). It is anticipated that up to four ships per month would arrive and depart from the Prince Rupert Terminal. Ships will be docked for approximately three days and, with current regulated speed limits in Porpoise Channel, would take approximately 30 minutes to arrive from ocean to dock.

Figure 3: Map of Proposed Location in Relation to Area of BC



**Figure 4 Aerial Map of Proposed Location on Watson Island**



**Figure 5: Artist Rendition of Site Layout**

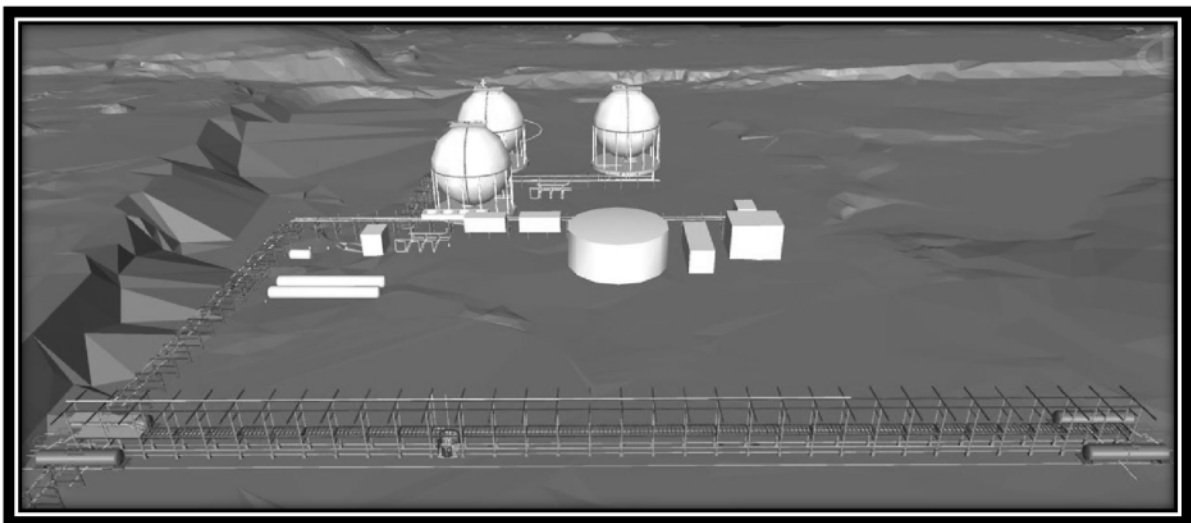
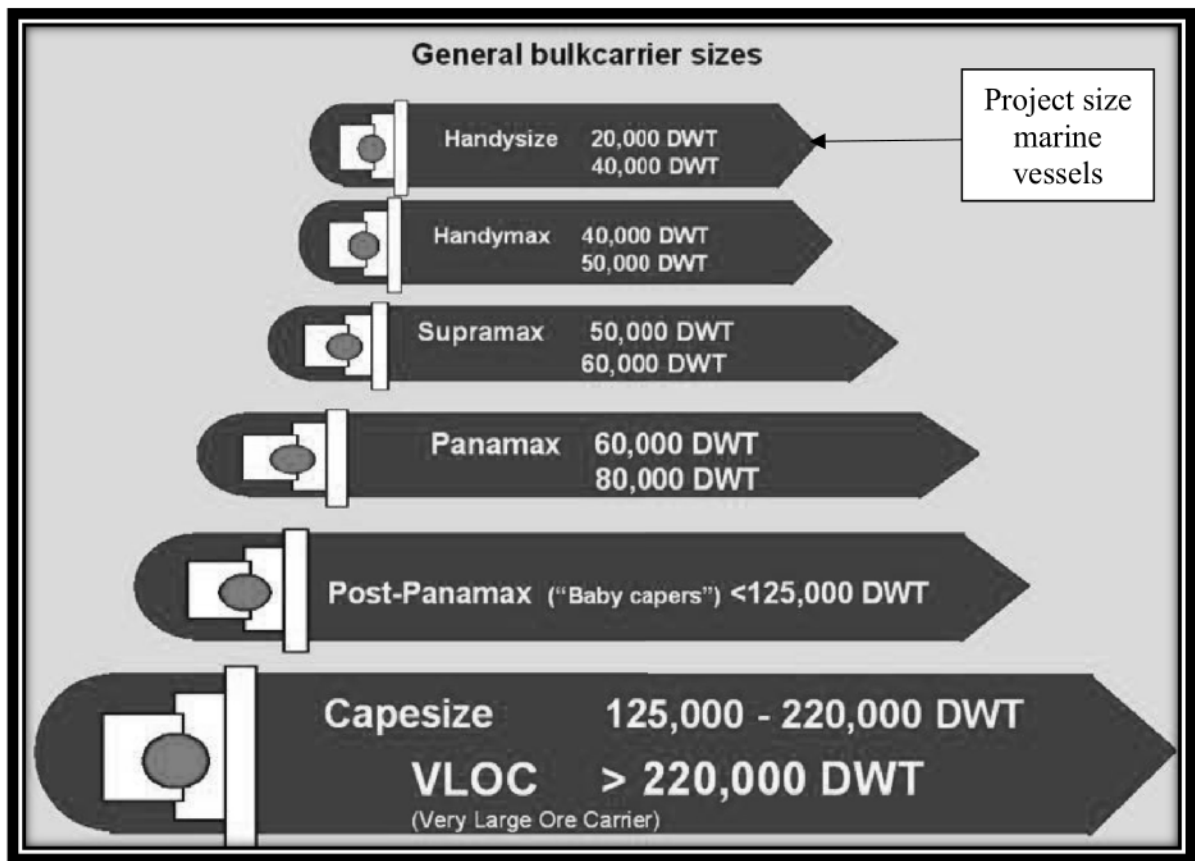


Figure 6: Marine Carriers



These handysize semi-refrigerated vessels have cooling facilities on the ship to ensure propane is cooled and stays in liquid form. While on the vessels, propane is fed into the ships storage tanks, while being compressed, condensed and cooled.

In summary, the Prince Rupert Terminal is best described as a small-scale rail terminal, transferring propane from rail cars to handysize ships destined for international markets.

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## Estimated Project Schedule

*Table 1: Project Schedule*

<b>Project Component</b>	<b>Estimated Completion Date</b>
<b>Pre-Construction</b>	
Preliminary Engineering	Done
Engineering design (e.g., detailed design, geotechnical investigations)	Q4 2018
Submission of Applications	Q2 2018
Receipt of key regulatory approvals (e.g., City of Prince Rupert)	Q4 2018
<b>Construction</b>	
Start Construction	Q3 2018
Complete Construction	Q2 2020
<b>Operations</b>	
Start Operation	Q2 2020

## Project Benefits

Pembina believes the construction and operation of the Prince Rupert Terminal will result in significant benefits to the surrounding communities.

Pembina aims to create a positive economic effect and will utilize local labour and contractors where practical. The Project is expected to create approximately 150 construction jobs and 20 permanent operator jobs over the 30-year life span of the Prince Rupert Terminal. Construction of the Prince Rupert Terminal will provide employment and business opportunities for local and regional businesses, including Aboriginal groups. In addition, Pembina will pay lease fees and property taxes in respect of the Prince Rupert Terminal which will increase the revenue to the local tax base.

Pembina is committed to engaging affected Aboriginal groups to ensure their business interests are considered in planning of the Project. To this end, Pembina has a dedicated Aboriginal procurement specialist whose job is to identify procurement opportunities for Aboriginal businesses. Aboriginal suppliers will have the opportunity to provide services in a range of areas related to the construction of the Project and for on-going operations.

In consultation with Aboriginal groups in the area, Pembina will commit to discussions around other employment interests such as training, development, community

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development funding and other avenues for education and employment. This is further described in the Consultation / Engagement section.

## Consultation/ Engagement

This Plan is a framework for Aboriginal consultation to be undertaken in respect of the Project. The Project will utilize best practices and requirements of consultation within BC and will be guided by processes set out under various agencies including guidelines published by the BC Environmental Assessment Act as well the BC Oil and Gas Commission.

This Plan has been developed to meet the procedural and reporting aspects of consultation for the Project, including those that have been delegated to Pembina by the various agencies associated with the regulatory approvals required for the Project. The following permits are those required by Provincial or Federal authorities that could trigger the duty to consult:

- Air Discharge Permit – BC Ministry of the Environment
- Propane Loading Authorization – Prince Rupert Port Authority (PRPA)

The PRPA will be responsible for issuing an authorization for the loading of liquefied propane, which is required under the *Port of Authorities Operations Regulations* to allow for the loading of propane from the dock onto vessels. In addition to this authorization, Pembina will work with the PRPA throughout the planning, construction and operation of the proposed Project to ensure safe operation of all marine traffic through Porpoise Channel.

Other than as listed above, all other required permits will be municipal permits, issued by the City of Prince Rupert.

### Guiding Principles of this Plan

Pembina is committed to establishing and developing constructive and positive relationships with Aboriginal and regional communities that are:

- Open and honest
- Respectful of Aboriginal culture and regional values
- Supportive of community development
- Responsive to community interests

Pembina will demonstrate this commitment by:

- Engaging Aboriginal groups early in the Project planning stages

- 
- Engaging with Aboriginal groups to identify potentially affected Aboriginal rights, title and interests
  - Mitigate/address potentially affected Aboriginal interests where appropriate
  - Recognizing and respecting regional values and the unique historical, legal and cultural identity of Aboriginal peoples and communities
  - Respecting the environment and the land through stewardship efforts and continuous improvement in environment, health and safety and social performance
  - Seeking to achieve win-win opportunities for regional economic development through training and capacity development, employment, and regional goods and services supply programs
  - Meeting or exceeding all regulatory requirements relating to notification, consultation and/ or engagement of regional stakeholders and Aboriginal peoples and communities

The above commitments are furthered by the following activities:

- To ensure appropriate distribution of relevant Project specific information and other documents to potential affected Aboriginal communities in a timely manner that meets regulatory permitting requirements;
- Identifying issues and concerns of those Aboriginal groups potentially affected by the Project;
- Responding to questions and concerns from Aboriginal groups, by discussing options, alternatives, and mitigating measures with respect of potential site-specific impacts;
- Track and recording efforts of engagement written and verbal and capture those discussions in a Record of Contact (ROC), including any concerns identified during consultation. This ROC will be made available to Aboriginal groups for review and will be submitted as part of our consultation record to regulatory bodies where consultation is required for permits or applications
- Establishing communication with Aboriginal groups and regulatory bodies to facilitate issue resolution and ongoing communication as the Project moves through the planning, construction, post construction, and operational phases;
- When and where appropriate, based on concerns identified during consultation, provide Aboriginal communities an opportunity to have meaningful input into decisions with respect to project planning and development;
- Aiming to receive Project support from each Aboriginal community and;
- Continue to build on Pembina's reputation with Aboriginal communities that are situated adjacent to the Prince Rupert Terminal

Pembina has a strong reputation of effective engagement with Aboriginal groups in Canada and a rich history of programs and commitments made through engagement with Aboriginal Communities. The following are some of the very successful programs which Pembina will discuss with the Aboriginal groups listed below:



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#### *COMMUNITY INVESTMENT*

Community investment initiatives shall be focused on education and training, preservation and protection of the environment, promotion of community wellness, and development of governance and leadership.

#### *BUSINESS OPPORTUNITIES*

Pembina recognizes the value of providing business opportunities to Aboriginal groups, and is committed to identifying goods/services opportunities to qualified Aboriginal businesses associated with the traditional territory, directly or indirectly through subcontractors.

Pembina shall work with qualified Aboriginal suppliers when planning work in the traditional lands, to identify opportunities to employ the goods and/or services of those suppliers, including participation when appropriate in tendering processes.

#### *ABORIGINAL EMPLOYMENT AND OPERATOR PROGRAMS*

Pembina is committed to building a diverse workforce and looks to train and hire members from local Aboriginal communities. The employment program provides participants with exposure to oil and gas and on-the-job experience, while Pembina gains their unique skills and experience.

Pembina's Operator Program offers practical work experience that prepares participants for careers as operators with Pembina. For those who successfully complete their contract, this program features opportunities for permanent employment.

#### *REVIEW AND APPROVAL OF THE PLAN*

This Plan is meant as a guide to ensure regulatory requirements are met. This Plan is also a tool to help ensure sufficient information is shared openly and transparently, as frequently as practical, with the identified Aboriginal groups.

While Pembina will conduct procedural aspects of Aboriginal consultation, regulatory agencies will ensure that consultation for the Prince Rupert Terminal has been adequate and, ultimately, will decide whether permits for the Prince Rupert Terminal should be issued.

The consultation activities assigned by the Province through the various regulatory agencies, and as outlined by this Plan, do not define or exhaust the Province's independent duty to consult. Agencies may undertake additional consultation activities to those outlined in this Plan with identified Aboriginal groups and other interested stakeholders.

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## Aboriginal Groups Identified

The following communities have been identified through the Government of BC's Consultative Areas Database (CAD) Public Map Service and in consultation with various other government agencies, as Aboriginal groups that may be impacted by the Project.

- 1) Lax Kw'alaams Band
- 2) Metlakatla First Nation
- 3) Kitselas First Nation
- 4) Kitsumkalum First Nation
- 5) Gitga'at First Nation
- 6) Gitxaala Nation

Consultation with each of these groups will be flexible in nature and will be designed to reflect Aboriginal groups that currently and historically have exercised Aboriginal rights and interests in the immediate area where the Prince Rupert Terminal will be constructed. As a result, consultation may range from notification with an opportunity to respond, to a more in-depth consultation process. The outcome of consultation with these Aboriginal communities is primarily focused on identifying site-specific and Project specific impacts, and potential mitigations.

To create a framework for the level of engagement for each Aboriginal group, the following factors have been considered:

- Consultation required for permits
- Discussion with various permitting and regulatory agencies
- Introductory discussions with the Aboriginal groups identified above
- Activities related to construction and operation of the Project
- Loading of propane onto marine vessels
- Amount of increase of rail traffic to and from Watson Island
- The site being fee simple land (private land owned by the City of Prince Rupert)
- Review of the strength of claim supporting Aboriginal rights exercised in the immediate area
- Which Aboriginal groups assert title

*Consultation is not static, information will be constantly evaluated as it becomes available.*

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## Consultation Activities

Pembina approaches Aboriginal engagement and consultation to support our projects and to promote a shared understanding of mutual interests. To facilitate the guiding principles of this document and to enable open communication, Pembina is in the process of opening a “store-front” office in the town of Prince Rupert to be accessible and answer any questions Aboriginal groups and its members have.

Early identification of potential issues regarding the Project is an important foundation to Pembina’s activities. Continuous engagement throughout the pre-construction, construction and operation phases of the Project is the cornerstone of Pembina’s commitment to Aboriginal groups.

Notification in respect of the Project may include the following:

- Project information distributed by mail or electronically which may include:
  - Project description
  - Shape files (if requested)
  - Maps
  - Letters
  - Project related newsletters
- Pembina will follow up with Aboriginal groups after receipt of the Project description to respond to any questions those Aboriginal groups may have.

Notification may also be provided regarding key Project activities.

Initial engagement with the Aboriginal communities will focus on understanding their consultation protocol and processes, getting to know the leaders and their representatives in each community and identifying areas of community interest in relation to the location of the Prince Rupert Terminal.

Where appropriate, Pembina staff will take the opportunity to attend local events and network with community members regarding the Project.

### Procedural Aspects of Consultation

#### *PHASE I: PRE-APPLICATION CONSULTATION ACTIVITIES (Q4 2017 – Q2 2018)*

- Introduce the Prince Rupert Terminal proposal to the Aboriginal groups
- Engage Aboriginal groups individually and collectively where appropriate, to identify potentially affected Aboriginal rights and interests, including the location and nature of each potential adverse impact. Additional engagement may include the following:
  - Meetings, phone calls, community events
  - Offer involvement of Aboriginal monitors in where appropriate

- 
- Invite Aboriginal groups and their members to public open houses for additional opportunities to learn about the Prince Rupert Terminal and provide information/comments
  - Provide Aboriginal groups with regular Project updates via methods outlined above
  - Produce and distribute Project brochures / newsletters
  - Produce and distribute topic factsheets if required, as related to Aboriginal areas of interest
  - Distribute hard copies of the Project Information Package to Aboriginal groups upon request
  - Identify measures to avoid or mitigate the potential adverse effects and/or otherwise address the concerns of the Aboriginal groups, as appropriate
  - Support the consultation efforts of any government agencies by providing Aboriginal groups with requested documents or information when required
  - Provide a response to comments received from the Aboriginal groups through a tracking table which will be made available for review by Aboriginal groups
  - Implement additional measures for consultation and accommodation of the Aboriginal groups, as required by regulatory agencies
  - Discuss capacity funding for pre-application review of materials

*PHASE II – APPLICATION REVIEW CONSULTATION ACTIVITIES (Q3 2018)*

- Continue to engage Aboriginal groups individually to identify potentially affected Aboriginal rights and interests, including the location and nature of each potential adverse impact. Additional engagement may include the following:
  - Meetings, phone calls, community events, possible site visits
  - Involvement of Aboriginal monitors where appropriate
  - Invite Aboriginal groups and their members to public open houses for additional opportunities to learn about the Prince Rupert Terminal and provide information/comments
  - Provide Aboriginal groups with regular Project updates via methods outlined above
  - Produce and distribute Project brochures / newsletters
  - Produce and distribute topic factsheets if required, as related to Aboriginal areas of interest
  - Distribute hard copies of the Project Information Package or other materials to Aboriginal groups
- Identify measures to avoid or mitigate the potential adverse effects and/or otherwise address the concerns of the Aboriginal groups, as appropriate
- Provide the Aboriginal groups with opportunities to comment on appropriate application findings and conclusions
- Continue to obtain input and respond to comments provided by the Aboriginal groups

After Pembina applies for the required authorizations for the Prince Rupert Terminal, Pembina will continue to engage with Aboriginal groups through permitting and throughout the life of the Prince Rupert Terminal.

*Table 2: Summary of Consultation Timelines*

<b>Timing</b>	<b>Summary</b>
Pre-application phase Q3-Q4 2017 Q1-Q2 2018	<ol style="list-style-type: none"> <li>1) Identify Aboriginal groups that should be notified or consulted</li> <li>2) Schedule meetings with Aboriginal groups as required</li> <li>3) Identify and produce material and information to support early engagement</li> <li>4) Provide the Project Information Package to all Aboriginal groups</li> <li>5) Identify potential issues and concerns that are relevant to the Project</li> <li>6) Record and track issues raised</li> <li>7) Respond to issues and concerns raised by Aboriginal groups</li> <li>8) Open a “store-front” office in the City of Prince Rupert to address open and accessible communication and engagement</li> <li>9) Participate in City of Prince Rupert and Port Edward open house(s)</li> <li>10) Create a Project webpage on Pembina’s main site to enable easy transferral of information and feedback</li> <li>11) Distribute relevant Project information and materials</li> <li>12) Early identification of Aboriginal groups procurements opportunities</li> <li>13) Mapping of Aboriginal groups capacity with regards to band owned companies and businesses</li> <li>14) Discussions on community development and programs including training, employment and courses</li> <li>15) Discuss capacity funding for the Aboriginal groups noted above</li> <li>16) Provide appropriate regulators consultation summary report</li> </ol>
Application phase Q2-Q3 2018	<ol style="list-style-type: none"> <li>1) Continuing discussion of community development opportunities and funding</li> <li>2) Schedule meetings with Aboriginal groups as required</li> <li>3) Continue discussions around potentially affected Aboriginal rights and interests</li> <li>4) Continuing discussion around procurement opportunities</li> <li>5) Execution of “letters of commitment” with regards to ongoing community development discussions</li> <li>6) Receive feedback on consultation activities for the purposes of adequacy for required permits from appropriate regulators</li> <li>7) Provide Aboriginal groups with opportunities to comment on appropriate application findings and conclusions</li> <li>8) Provide updated consultation summary report</li> </ol>

## REPORTING ASPECTS UNDERTAKEN BY THE PROPONENT

Pembina will provide regulatory agencies with a *Consultation Report* on the status of consultation with the Aboriginal groups during the Application Review Phase as required.

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## PRE-APPLICATION PHASE

*Table 3: Consultation Report Deliverables*

<b>Timing</b>	<b>Report Deliverables</b>
Pre-application phase summary and Application review plan  At the time the Application is submitted	Summarize the consultation undertaken during the pre-application phase/development of the Application, and to propose the approach to consultation for the application review phase.  The reporting is expected to include:  a) A summary of the efforts undertaken by Pembina to consult with Aboriginal groups identified in the Plan b) Identify the feedback and information received during consultation; c) Identify the potential adverse effects of the Project on Pembina's understanding of Aboriginal Groups' Aboriginal interests discovered through consultation or efforts to engage Aboriginal groups listed above d) Identify how the potential adverse effects of the Project on Aboriginal interests will be avoided, mitigated, addressed or otherwise accommodated, as appropriate, including any changes to the Prince Rupert Terminal design or other mitigation measures e) Outline next steps or future consultation activities

## APPLICATION REVIEW PHASE

<b>Timing</b>	<b>Reporting Deliverables</b>
Application review phase reporting	a) Identify the issues raised by Aboriginal groups relevant to the effects of the Project, describe how Pembina has responded and if/how Aboriginal Group input has or will affect the Prince Rupert Terminal design, mitigations and/or monitoring and follow-up.  The Application Consultation Report will include the actions listed above consistent with the pre-application review phase reporting.

## CONSIDERATION OF ABORIGINAL GROUPS' INPUT

Pembina is committed to meaningful consideration of Aboriginal rights, traditional knowledge and traditional use identified by Aboriginal groups within this Plan, and where possible and appropriate, to seeking ways to address (i.e., avoid, reduce and/or mitigate) any potentially affected Aboriginal interests identified during the consultation process.

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## CAPACITY FUNDING

Pembina understands that it is important for Aboriginal groups to have sufficient information to understand the potentially affected Aboriginal interests as a result of the Project.

Pembina may provide funding for services such as desktop reviews, site visits, mapping sessions, or third-party reviews to gain a better understanding of concerns and interests related to the Project.

## PRINCIPLE OF SUFFICIENT TIME

Pembina recognizes the key principle of sufficient time. For Aboriginal groups to comment within the schedule defined by the proposed Project economic limitations, Pembina plans to engage early and often.

Pembina has involved identified Aboriginal groups early in consultation to share information and respond to requests, comments and concerns in a timely manner.

## CONFIDENTIALITY

Pembina acknowledges that some information shared by Aboriginal groups may contain confidential information (Confidential Information). Pembina will conduct itself in a manner consistent with the careful use and management of sensitive information.

With respect, Pembina agrees to the following regarding any such Confidential Information as it pertains to each of the subject Aboriginal groups:

- The Confidential Information may be used by Pembina only for obtaining regulatory approval for projects in the area – including, but not limited to, the Project.
- Pembina will use its best efforts to ensure that the Confidential Information is not released into the Public Domain. This includes Confidential Information being disclosed directly in any materials that are provided to the regulator during regulatory approval. Although the Confidential Information may be referred to in such materials, it will be used in a manner that is reasonably designed to minimize the actual disclosure of the Confidential Information.
- All original source material generated from the Confidential Information will be owned by Aboriginal groups, but this does not include any material that is prepared by Pembina to be submitted as part of the regulatory approval process.
- Aboriginal groups will be given a reasonable opportunity to review and comment on any interpretations or conclusions drawn by Pembina from the Confidential Information prior to Pembina publishing any interpretations or conclusions.
- Any Confidential Information will be kept confidential by Pembina, and further protocols may be developed concerning Confidential Information.

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## Conclusion

Pembina takes its commitment to being a good corporate citizen very seriously. We aim to achieve excellence in every aspect of our business, from how we design, construct and operate our pipelines, infrastructure and facilities to how we interact with employees, customers and all community neighbours.

At Pembina, building long-term relationships based on mutual trust with communities is a top priority. Part of building that trust is making sure we understand regional issues so we can anticipate and manage the social impacts of our operations on local communities and Aboriginal groups. We know that effective Aboriginal involvement requires open, transparent, two-way communication with the Aboriginal groups who may be affected by our activities. Implementation of this Plan aids us in understanding Aboriginal concerns and guides us in working alongside our neighbours. We have a long history of forging productive working relationships with Aboriginal groups; including communities, landowners, regulators and customers.

As with all our growth and expansion initiatives, Pembina is committed to continued Aboriginal engagement throughout the life of the Project.



# Project Specific Information Package



## Prince Rupert Terminal Project

Pembina Infrastructure and Logistics LP (Pembina) is a subsidiary of Pembina Pipeline Corporation, a leading pipeline transportation and midstream service provider that has been serving North America's energy industry for over 60 years. As a trusted member of the communities in which we operate, Pembina Pipeline Corporation is committed to safe, responsible and reliable operations.

### ➤ Project Description

Since the early 2017 announcement of a non-binding letter of intent with Prince Rupert Legacy Inc., a wholly-owned subsidiary of the City of Prince Rupert, Pembina has progressed engineering studies and site assessment.

On November 29, 2017, Pembina's Board of Directors approved the development of Pembina's Prince Rupert Terminal to export propane, located at the Watson Intermodal Trade & Logistics Park on Watson Island (the Project). Watson Island is located about 8 km south of Prince Rupert, BC, is owned by the City of Prince Rupert, and is the location of the former Skeena Cellulose Pulp Mill.

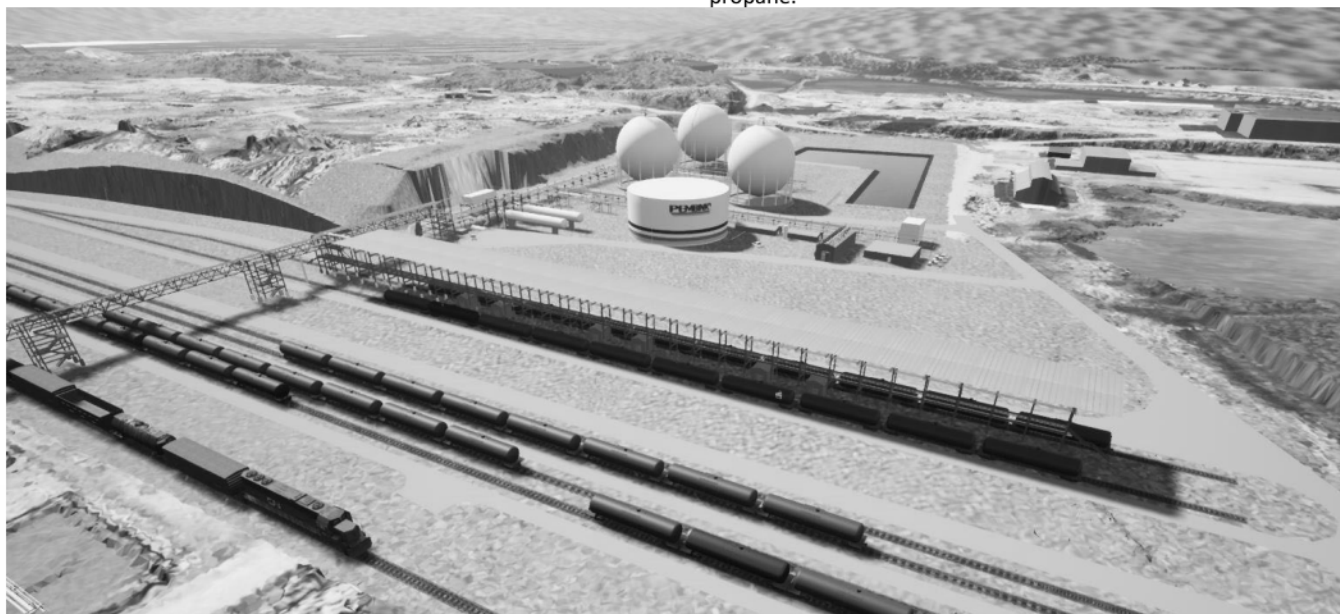
The Project would be designed to handle up to 25,000 barrels per day of propane extracted from natural gas production in northern BC and Alberta. The proposed terminal would consist of the construction of a rail siding on Watson Island and above-ground propane storage spheres. The propane would be delivered by CN on its existing rail line and it is expected that approximately 30 railcars per day on average will be delivered to the terminal.

Propane would be offloaded and stored at the rail terminal and then loaded on to a handysize gas carrier with cargo capacity of approximately 150,000 barrels. It is anticipated that there would be three to four gas carriers on average leaving the facility per month.

The gas carriers used to transport the propane cargo will be smaller<sup>1</sup> than the marine vessels that previously served the pulp and paper mill.

Pembina's proposed project is best viewed as a small-scale rail terminal, moving propane from rail cars to handysize gas carriers destined for international markets. There is no on-site processing or refrigeration. Compression is added via the electrical grid; no on-site power generation is planned. The requirement for storage is significantly lower than other energy facilities proposed on the west coast.

Developing an export terminal will enable Pembina to provide international market access for western Canadian produced propane.



<sup>1</sup> They are also smaller than the maximum size limitations set out by the Prince Rupert Port Authority (PRPA).

## ➤ Commitment

Pembina is committed to sharing information of its planned projects with local stakeholders, First Nations communities, and other groups or individuals with interests in the area to ensure that everyone is informed of the activities proposed.

The following pages summarize Pembina's plans regarding the Project. As the Project design and planning progresses, Pembina will provide updated information.

If you require any additional information or would like to talk with a Pembina representative regarding this Project, please do not hesitate to call the phone number listed at the end of this information package.

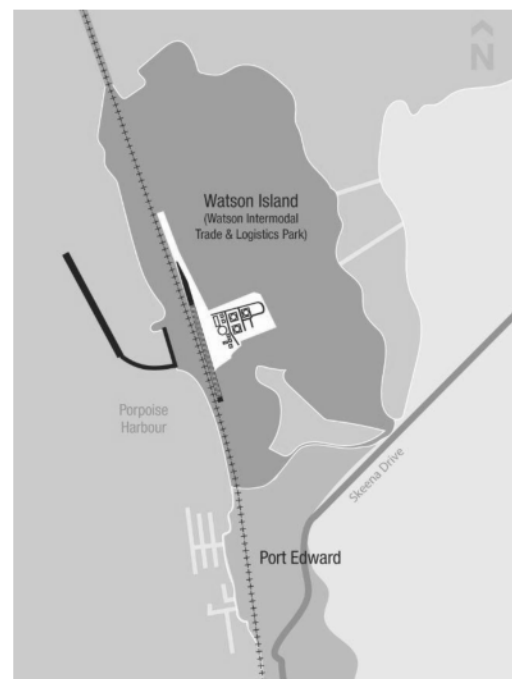
### Where is the project located?

The Project is located on approximately 30 acres at the Watson Intermodal Trade & Logistics Park on Watson Island, about 8 km south of Prince Rupert, BC.

The Project will be located in legal lots owned by the City of Prince Rupert and is planned for the south end of Watson Island.

The project footprint will utilize less than 13% of the total land area on Watson Island. The land is owned by the City of Prince Rupert and Pembina will sub-lease the site from a wholly-owned subsidiary of the City.

A small portion of the development will cross and connect to the CN rail line track on CN-owned lands.



### What is included in the Project?

When completed, the Project will include:

- A rail yard to receive and store approximately 120 laden and empty rail cars
- Rail car rail offloading rack and associated equipment for up to 20 rail cars
- Three pressurized 50,000 bbl storage spheres and up to two smaller intermediate propane storage vessels (up to 6,000 bbl total)
- Ship loading equipment including pumps, piping and a loading hose
- An enclosed flare stack for maintenance and emergency purposes
- A fire water system and storage tank
- A small office, including control room
- A storm water containment pond

Plus other supporting infrastructure such as utility connections for power, water and natural gas.

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## What is propane?

Propane is commonly used in household BBQs. It is a hydrocarbon gas which is a by-product of natural gas production that is separated at large fractionation facilities such as Pembina's Redwater Fractionation and Storage facility located near Fort Saskatchewan, Alberta.

Propane is a colourless, odourless, flammable gas at atmospheric pressure and temperature. During transport and storage, propane is under pressure and is mostly in liquid form. Unlike carbon dioxide or methane, propane itself is not a greenhouse gas.

In the unlikely event that propane is released into the atmosphere, it will not contaminate any soil or water, rather dissipate and breakdown by natural oxidation with sunlight.

Global demand for propane has been rising as it is a transitional fuel to reduce carbon emissions as a replacement of coal and bio-mass fuel in developing nations.

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## What will occur at the terminal?

Daily operations of the terminal will involve transferring propane from rail cars to storage spheres, and later loading onto handysize gas carriers destined for international markets. There is no on-site processing or refrigeration. A simplified schematic outlining operation of the terminal is shown below.

### Rail Unloading

Propane is anticipated to be shipped from other Pembina facilities to the terminal via the CN rail line in pressurized tank cars. The tank cars are delivered to the terminal by CN and then later moved to the unloading rack. The unloading rack can accommodate up to 20 tank cars (10 per side). Specialized unloading arms will be connected to the tank cars so that propane can be pumped to the pressurized storage spheres. Compression is added as the propane is moved from the rail car to the storage sphere. This compression is powered via the electrical grid; no on-site power generation is planned.

### Terminal Pressurized Storage

The spheres store the propane under pressure in liquid form until it is time to be loaded onto the handysize gas carrier.

### Carrier Loading

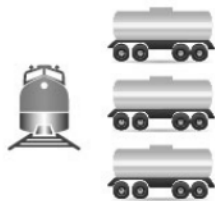
Handysize gas carriers that are specially designed to carry natural gas liquids (e.g. propane) will be the only type of vessels used for the Project. Once the vessel has berthed, cargo transfer will happen at the dock after connecting the terminal piping to the gas carrier's cargo manifold via a reinforced flexible hose. All cargo transfer procedures and components will comply with regulatory requirements and industry standards.

The equipment required for cargo transfer will include piping, valves, pumps, fire protection, safety devices, and control system. The reinforced flexible hose will be specially designed for propane loading and is used to form the final connection between the facility and the vessel.

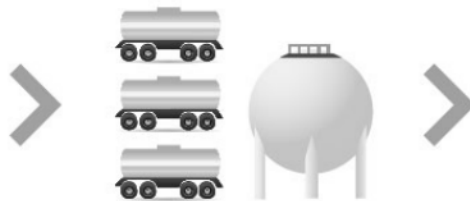
All loading equipment will be controlled from the operator control room and by personnel at the dock. Safety shutdown switches will be located both within the control room and at the dock should there be an emergency. Emergency shutdown of the loading process can also be activated by the crew of the vessel.

During propane loading, a safety zone will be established around the gas carrier in consultation with regulatory authorities.

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Propane arrives via train.



Propane is loaded into storage spheres and stored in rail cars at the terminal.



Propane is loaded on handysize gas carriers for transportation to international markets.

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## How will this former industrial site be managed?

The Project is proposed to be situated on a portion of Watson Island which is the former site of a pulp and paper mill.

Since 2015, the City of Prince Rupert has been conducting decommissioning and removal of portions of the pulp mill infrastructure that have remained on Watson Island.

Installation of our terminal will require further decommissioning of the site by the City of Prince Rupert including the removal and safe disposal of additional above-ground structures and below-ground footings.

Pembina will work with the City of Prince Rupert to ensure Project construction and operation effectively manages any risks associated with historical use of the site as a pulp and paper mill.

The Watson Intermodal Trade & Logistics Park (Park) will be managed by Prince Rupert Legacy Inc., (Legacy) a wholly owned subsidiary of the City of Prince Rupert. Pembina will sub-lease approximately 30 acres of the Park for its required rail receipt, offloading and storage facilities and will have access to other common facilities at the Park, including the existing dock to berth gas carriers.

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## What technical reviews have been done in support of the Project?

The following engineering studies are underway or have been completed to assess the feasibility of the site:

- Navigation maneuverability study/simulation (with the British Columbia Coast Pilots Ltd., Prince Rupert Port Authority and Saam Smit Canada, Inc.)
- Dock assessment and inspection
- Geotechnical evaluation
- Facility engineering
- Quantitative Risk Assessment for onsite facilities and gas carrier transits
- Technical Assessment Report in support of the Ministry of Environment and Climate Change Strategy air discharge permit application

The City of Prince Rupert has also been actively engaged with the Ministry of Environment and Climate Change Strategy in support of the Park's future development.

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## When will construction begin and when will the terminal come into operation?

Pending outcomes of detailed engineering and receipt of all applicable regulatory approvals, Pembina expects construction could take up to two and a half years.

Project Component	Estimated timing
<b>Pre-Construction</b>	
Preliminary engineering	Complete
Site remediation (by Legacy)	Q3 2018
Detailed engineering	Q4 2018
Submission of permitting applications	Q2 2018
Receipt of key regulatory approvals	Q4 2018
<b>Construction</b>	
Start construction	Q3 2018
Complete construction	Q2 2020
<b>Operations</b>	
Start operation	Q2 2020

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## How are we sharing project information?

In addition to the late-2017 project open houses and regular updates to community leaders, Pembina plans to operate a temporary storefront in central Prince Rupert to share project information with community members.

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## How do we safely design and construct the terminal?

Working safely is a way of life at Pembina. We operate propane processing and handling facilities elsewhere, and we have an industry-leading safety record of constructing and operating facilities safely.

By keeping our employees on site safe, we also keep the local community safe. Safety reviews are a key part of the project's engineering, so safety is an integral part of the facility design.

Pembina encourages a workplace that is dedicated to protecting the safety of the public as well as its employees and contractors. We reinforce our commitment to safety excellence in our daily operations through the development of stringent standards, regular safety meetings, extensive contractor screening and project inspections.

The design for the Project will comply with applicable safety codes and will include safety design features like gas and fire detection and monitoring equipment, automatic emergency shutoff valves, pressure relief and flare system, 24/7 staffed control room with on-site trained operators, and a fire water system.

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## What might I notice during construction and operation?

### Traffic/Dust

As with any construction project, Pembina expects temporary traffic increases and potential associated increases in dust levels in the area during construction due to the movement of equipment and construction personnel to and from the site. Pembina will implement dust control measures as required. Traffic will return to normal levels after construction is completed.

### Noise

Pembina expects some construction noise associated with the Project. Noise levels will comply with the City of Prince Rupert Noise Control Bylaw. We will also comply with the Noise Bylaw for the neighbouring community of Port Edward. Construction practices will also incorporate noise mitigation measures.

Minimal noise is expected from the facility, other than occasional noise associated with the shunting of rail cars. Pembina will work closely with the rail service provider to minimize off-site noise from rail cars.

### Light

As the facility will operate 24 hours per day, adequate lighting is required for worker safety and overall facility operations. The facility will be designed and situated on the lease to minimize off-site impacts, including light, and the final facility design will incorporate measures to further minimize these impacts.

### Water Use

During construction, water from on-site sources will be used for dust abatement. While our current plan considers constructing a tank for firewater supply during terminal operations, an existing on-site water storage tank from the site's previous industrial use is also being evaluated for that purpose. Office facilities on site will continue to use existing municipal water. At no time during the construction or operation of the facility will water be withdrawn from nearby waterways, including Porpoise Harbour.

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## Once in operation, how is the terminal operated safely?

### Facility safety

Pembina's integrity management program is founded on quality management principles, technical programs and system-specific analysis. Pembina's facility integrity program incorporates industry best practices and ensures operational safety and regulatory compliance for all equipment including pressurized equipment, tanks and piping. A strict focus on safe and reliable operations lessens the likelihood of incidents, sustains Pembina's license to operate, and ultimately reduces the cost of operations.

### Rail safety

Pembina has distributed propane by rail for more than 25 years to every corner of North America safely. Our fleet of 2,800 rail cars meets all transportation safety standards, using the newest proven technology. We operate one of the largest rail yards in western Canada at our Redwater facility, near Fort Saskatchewan, AB and we will draw on that experience to ensure safety in the Prince Rupert region. Pembina currently moves over 33,000 rail cars per year of natural gas liquids, including propane, to markets throughout North America including British Columbia.

Our practice of safely handling our rail cars, during loading and unloading procedures at our Redwater facility, has earned Pembina repeated Safe Handling awards from the main rail carriers in Canada and the United States. We are recognized for our safety practices and strong safety culture by all the major carriers.

During transport to the Terminal, CN will be responsible for the safety of rail transport. They have highly trained response teams that work to educate local emergency responders on what to do in an emergency. They conduct regular training exercises and work closely with those communities nearest the rail line.

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## How do we protect the safety of the community and our employees?

### Emergency Response Planning and Preparedness

Pembina is committed to health, safety and environmental stewardship throughout the life of this Project.

In the event that a problem develops, Pembina has in place a corporate Emergency Response Plan (ERP) containing preplanned procedures for assessing an emergency situation, mobilizing response personnel, establishing communications and coordinating with outside resources for the purpose of protecting the public and environment.

Before startup, a facility-specific ERP will be developed for the terminal that further addresses emergency response planning requirements to account for local and facility specific incidents, potential impacts and response resources. The ERP for the terminal will be reviewed with local emergency response and other industrial facilities in the area.

In addition to emergency response planning and ongoing emergency preparedness, Pembina personnel are trained to recognize hazards and deal with emergency situations, so abnormal situations that might arise may be quickly detected and corrected.

Notwithstanding Pembina's reliance on its own employees, third-party contractors and resources, Pembina will work with local responders and regulatory bodies (E.g. Ministry of Environment & Climate Change Strategy) to ensure they are adequately educated on facility-specific issues and this will include having local responders and representatives from regulatory bodies participate in Pembina's regular emergency response exercises.

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Does the terminal have air emissions or water discharges?

Air emissions

The Project will have limited sources of air emissions, and under normal operating conditions, emissions from the terminal will be minimal.

There will be no processing of propane at the terminal.

An enclosed flare with no visible flame will be included as part of the terminal's ongoing safe operations. There will be no continuous or ongoing flaring associated with the operation of the terminal. Temporary flaring will only occur as part of routine maintenance (as a general estimate, less than ten times per year or fewer than 50 hours per year), or as a safety measure during the unlikely event of an emergency. Pembina is currently working with the Ministry of Environment & Climate Change Strategy to obtain the required air discharge permit for the emergency flare.

Water discharges

The Project will not generate any process wastewater or effluent. Storm water collected from Pembina's sub-lease will be stored in the collection pond and released through Legacy's existing permitted outfall.

Odours

Odours from the Project are not anticipated. The propane will be commercial grade and will not contain any odorant such as mercaptan, which is added to natural gas and propane prior to selling into the local consumer markets.

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Will there be changes to the dock?

The existing dock at Watson Island will remain materially the same as currently exists.

An engineering evaluation of Legacy's existing dock at Watson Island has been completed to determine the required maintenance upgrades needed for the Project.

Based on the information from this work, no major dock modifications or new pilings will be required. Maintenance repairs of the existing dock and pilings will be completed as part of the Project.

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Will the project have environmental impacts?

The project is expected to have minimal environmental effects during construction and operation as it is being proposed for a previously developed industrial site. No new major modifications are required for the existing dock, and the terminal when operational will have minimal air emission sources.

Pembina will implement a waste management plan to minimize waste associated with the facility's construction and ensure waste is managed and disposed of in compliance with applicable law.

Pembina has an excellent record of environmental protection. We will put processes in place as we do elsewhere to ensure clean, safe operations. Pembina will ensure all applicable environmental notifications and approvals are completed and obtained prior to operation, and will adhere to the associated regulatory approvals.

The project does not require environmental impact assessments.

Environmental Impact Assessments are conducted based on specific regulatory triggers of the *Canadian Environmental Assessment Act* and/or the *British Columbia Assessment Act*, and our project does not meet any of those legislated criteria.

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## How are you focusing on marine safety?

We will work closely with the Prince Rupert Port Authority and the Pacific Pilotage Authority to ensure our vessels will transverse safely through Port waters.

A maneuverability study to assess navigational risk specific to the Project was completed in August 2017. Pembina engaged a leading third-party company to complete the simulations, with the participation of the Prince Rupert Port Authority, the BC Coast Pilots and Saam Smit Canada Inc.

The technical expert confirmed our approach to mitigate navigational risks of grounding risks by having two tugs employed on a tug-assisted route through Porpoise Channel and Porpoise Harbour.

In addition to existing PRPA established rules for navigation through Porpoise Channel and Harbour which can be found in the Port Information Guide, additional recommendations for maneuvering are expected to be incorporated including:

- Two tug assist through the channel and harbour
- Max speed limit of 6.0 knots through the channel
- Daylight only transits through the channel
- Transits will only occur at slack tide
- Height of tide to be sufficient to provide vessel a minimum clearance of 10% of its navigational draught
- Transits will not be conducted when sustained winds exceed 25 knots

## ➤ Permit Requirements – By Phase

Permit tables below set out regulatory permits/approvals necessary in advance of each of the specific Project phases. As indicated earlier in the document, this Project does not trigger any provincial or federal regulatory requirements for environmental impact assessments. Although Pembina's intent is to provide information about the Project throughout its development to the public, industrial neighbours, and the First Nation communities, specific Crown consultation with the public and First Nation communities is only required for the following permits:

- Air Discharge Permit for the enclosed flare by the provincial Ministry of Environment and Strategic Climate Change; and
- Authorization for Loading of Liquefied Gas by the Prince Rupert Port Authority.

**Table A-1 Prior to Project Site Preparation – Early Works (Clearing, Grubbing, Demolition, Blasting and Civil Work)**

Permit/Approval	Legislation	Project Components	Responsible Agency
<b>Municipal</b>			
Development Permit	<i>Local Government Act</i>	Develop terminal	City of Prince Rupert
Demolition Permit	City of Prince Rupert	Remove remaining structures, foundations, utilities	City of Prince Rupert
Blasting Permit	City of Prince Rupert, Blasting Bylaw No. 2524, 1985	Remove cliff where rail tracks are proposed	City of Prince Rupert
<b>Provincial (None required)</b>			
<b>Federal (None required)</b>			

**Table A-2 Prior to Project Construction (Terminal Construction)**

Permit	Legislation	Project Components	Responsible Agency
<b>Municipal</b>			
Building Permit	<i>Local Government Act</i>	Required for all structures, except rail	City of Prince Rupert
<b>Provincial</b>			
Minister Certificate for Rail	<i>Rail Safety Act</i>	Construct new rail	Technical Safety BC



Permit	Legislation	Project Components	Responsible Agency
Equipment Design Registrations for Electrical, Spheres, Piping, Bullets	<i>Safety Standards Act</i>	Approve design of applicable equipment	Technical Safety BC
Installation Permits for Electrical, Spheres, Piping, Bullets	<i>Safety Standards Act</i>	Construct and install applicable equipment	Technical Safety BC
<b>Federal (None required)</b>			

**Table A-3 Prior to Terminal Start-up (Propane Receiving & Shipping)**

Permit	Legislation	Project Components	Responsible Agency
<b>Municipal</b>			
Certificate of Occupancy	<i>Local Government Act</i>	Operate the terminal	City of Prince Rupert
<b>Provincial</b>			
Air Discharge Permit	<i>Environmental Management Act</i>	Air emission discharge from equipment (flare)	Ministry of Environment and Strategic Climate Change
Rail Operating Permit	<i>Rail Safety Act</i>	Operate new rail	Technical Safety BC
Alternative Safety Approach Operating Permit	<i>Safety Standards Act</i>	Operate applicable equipment	Technical Safety BC
<b>Federal</b>			
Authorization for Loading of Liquefied Gas	<i>Port Authorities Operations Regulations</i>	Load propane on gas carriers in Port of Prince Rupert waters	Prince Rupert Port Authority
Site Security Plan, leading to Statement of Compliance	<i>Marine Transportation Security Act &amp; Regulations</i>	Watson Island Development/Dock	Transport Canada

## Contacts

If you have questions or concerns, our contact information is listed below.

If you are calling outside of business hours, please leave a message and your call will be returned in a timely manner.

### Pembina Infrastructure + Logistics

1-855-718-1575

[propaneterminal@pembina.com](mailto:propaneterminal@pembina.com)

[www.pembina.com](http://www.pembina.com)

Suite 4000, 585 – 8th Avenue S.W.

Calgary, Alberta T2P 1G1

### FORWARD-LOOKING STATEMENTS & INFORMATION

This document contains certain forward-looking statements and information (collectively, “forward-looking statements”) that are based on Pembina’s current expectations, estimates, projections and assumptions in light of its experience and its perception of historical trends.

In particular, this document contains forward-looking statements, pertaining to, without limitation, the following: expected size, expected in-service date for the proposed Prince Rupert Terminal Project and anticipated construction timeline, anticipated clean-up schedule and process. These forward-looking statements and information are being made by Pembina based on certain assumptions that Pembina has made in respect thereof as at the date of this document including: that third parties will provide any required support; that there are no unanticipated changes to the regulatory or commercial environment in which the Prince Rupert Terminal Project is planned; ongoing utilization and future expansion, development, growth and performance of Pembina’s business and asset base; that there are no unforeseen changes to labour requirements, or shortages, or unusually inclement weather leading to project delays.

Readers are cautioned that events or circumstances could cause results to differ materially from those predicted, forecasted or projected. By their nature, forward-looking statements involve numerous assumptions, known and unknown risks and uncertainties. The forward-looking statements contained in this document speak only as of the date of this document. Pembina does not undertake any obligation to publicly update or revise any forward-looking statements or information contained herein, except as required by applicable laws. The forward-looking statements contained in this document are expressly qualified by this cautionary statement. For additional information about forward-looking statements and risks, please refer to Pembina’s Annual Information Form and Management’s Discussion and Analysis for the year ended December 31, 2016, available under Pembina’s profile on SEDAR at [www.sedar.com](http://www.sedar.com).

February 2018

**From:** [Minister, ENV ENV:EX](#)  
**To:** ["johnhelin@laxband.com"](#); [Leighton Jr., Harold FOR:IN](#)  
**Cc:** [Coley, Simon J EMPR:EX](#); [Jardine, Kevin EAO:EX](#); [Braun, Nathan EAO:EX](#); ["pucci@citywest.ca"](#); ["rwilson@metlakatla.ca"](#); ["director\\_lands@laxband.com"](#); ["emutrie@metlakatla.ca"](#)  
**Subject:** RE: Pembina - Request for EA  
**Date:** March 13, 2018 2:41:32 PM  
**Attachments:** [Pembina- Coast Tsimshian EA Request 20180209.pdf](#)  
**Importance:** High

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Reference: 314029

*March 13, 2018*

Mayor John Helin

Email: [johnhelin@laxband.com](mailto:johnhelin@laxband.com)

Chief Councillor Harold Leighton

Email: [hleighton@metlakatla.ca](mailto:hleighton@metlakatla.ca)

Dear Mayor Helin and Chief Councillor Leighton:

Thank you for your letter of February 9, 2018, regarding the Pembina Pipeline Corporation's propane terminal proposed for Prince Rupert. I appreciate you taking the time to write about your concerns regarding this project and I am pleased to respond to your correspondence.

It is my current understanding that the proposed project does not automatically require an assessment under the *Environmental Assessment Act* (Act) using the triggers established under the Reviewable Projects Regulation. However, as you state in your letter, Section 6(1) of the Act does enable me as the Minister to designate a project as reviewable if I am satisfied that the project may have a significant adverse environmental, economic, social, heritage, or health effect and that the designation is in the public interest.

Your letter clearly articulates why you think that this project should be designated as a reviewable project. As well, the information you provide outlining your views regarding the potential for significant effects of the project, and your understanding of the information and regulatory context gaps, will help in the review of your request.

The Environmental Assessment Office (EAO) will be undertaking a review of your request and will provide advice to inform the determination as to whether to designate the project reviewable. The EAO will use the information in your letter to form the basis of its review, and may seek additional information from Pembina Pipeline Corporation, government agencies and other parties. The EAO will also be in contact with staff at Lax Kw'alaams Band and Metlakatla First Nation during the course of the review.

Thank you again for writing to share your perspectives with me.

Sincerely,

George Heyman  
Minister

cc: Simon Coley, Assistant Deputy Minister  
Ministry of Energy, Mines and Petroleum Resources  
[Simon.Coley@gov.bc.ca](mailto:Simon.Coley@gov.bc.ca)

Kevin Jardine, Associate Deputy Minister  
Environmental Assessment Office  
[Kevin.Jardine@gov.bc.ca](mailto:Kevin.Jardine@gov.bc.ca)

Nathan Braun, Executive Project Director  
Environmental Assessment Office  
[Nathan.Braun@gov.bc.ca](mailto:Nathan.Braun@gov.bc.ca)

Erminio Pucci, Chief Executive Officer  
Lax Kw'alaams Band  
[pucci@citywest.ca](mailto:pucci@citywest.ca)

-

Ross Wilson, Executive Director  
Metlakatla Stewardship Society  
[rwilson@metlakatla.ca](mailto:rwilson@metlakatla.ca)

Carolann Brewer, Director, Lands and Natural Resources  
Lax Kw'alaams Band  
[director\\_lands@laxband.com](mailto:director_lands@laxband.com)

Erin Mutrie, Environmental Assessment Manager  
Metlakatla Stewardship Society  
[emutrie@metlakatla.ca](mailto:emutrie@metlakatla.ca)

**From:** Carolann Brewer [[mailto:director\\_lands@laxband.com](mailto:director_lands@laxband.com)]

**Sent:** Friday, February 9, 2018 3:47 PM

**To:** Minister, ENV ENV:EX

**Cc:** [johnhelin@laxband.com](mailto:johnhelin@laxband.com); Leighton Jr., Harold FOR:IN; EAO Information EAO:EX; Braun, Nathan EAO:EX; Coley, Simon J EMPR:EX; [pucci@citywest.ca](mailto:pucci@citywest.ca); 'Ross Wilson'; 'Erin Mutrie'

**Subject:** Pembina - Request for EA

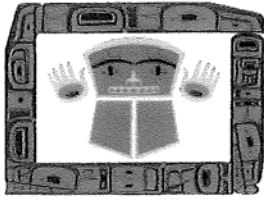
**Importance:** High

Please see attached letter sent on behalf of Lax Kw'alaams Band and Metlakatla First Nation (Coast Tsimshian).

Regards,

Carolann Brewer  
Director of Lands and Natural Resources  
Lax Kw'alaams Band  
206 Shashaak Street,  
Lax Kw'alaams (Port Simpson), V0V 1H0  
[Director\\_lands@laxband.com](mailto:Director_lands@laxband.com)  
cell: 250-600-0400 **VOICEMAIL MAY NOT BE RECEIVED IMMEDIATELY.**  
OFFICE: 250-627-5733 (EXT. 2023)

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Lax Kw'alaams Band  
206 Shashaak Street  
Lax Kw'alaams BC  
V0V 1H0  
Ph: 250-625-3293

Metlakatla Stewardship Society  
PO Box 224  
Prince Rupert, BC  
V8J 1P6  
Ph: 250-628-3315



## EMAIL TRANSMISSION

Feb. 9, 2018

**Honourable George Heyman**

Minister of Environment and Climate Change Strategy

PO Box 9047 Stn Prov Gov

Victoria, BC V8W 9E2

Email: ENV.Minister@gov.bc.ca

Dear Minister Heyman:

### **RE: Request for Provincial Environmental Assessment of the proposed Pembina Pipelines Terminal**

By this letter the Metlakatla First Nation and the Lax Kw'alaams Band (the Coast Tsimshian) are formally requesting that the Propane Export Terminal proposed by the Pembina Pipeline Corporation for Watson Island, near Prince Rupert BC ("the Project") be designated as a reviewable project under the *BC Environmental Assessment Act* (the "Act").

Section 6(1) of the Act enables the Minister to designate a project as reviewable if:

- (a) the minister is satisfied that the project may have a significant adverse environmental, economic, social, heritage or health effect, and that the designation is in the public interest, and
- (b) the minister believes on reasonable grounds that the project is not substantially started at the time of the designation.

The Coast Tsimshian are of the view that this project meets these parameters for the reasons set out below.

### **Project Background**

Pembina Pipeline Corporation is proposing to build a Propane Export Terminal on the former site of the Skeena Cellulose Pulp Mill on Watson Island. The site is fee simple land leased from the City of Prince Rupert. Though no formal project description has been shared, materials from a recent open house by Pembina provide a broad overview of the project, as follows:

- Capital spend: \$250 – \$270 million
- On-site storage: ~24,000 m<sup>3</sup>
- Ship type: Handysize
- Ship size (length): 150 – 170 m
- Ship capacity: Up to 24,000 m<sup>3</sup>
- Number of ships: 3-4 per month

We understand that propane will not be processed on site; rather, it will be transferred from rail to pressurized storage and from storage to ship where it will be chilled for transport. New rail infrastructure is required, and while the planning and design is not yet finalized, the project does not anticipate any marine construction due to use of an existing wharf and berth.

We understand that the City of Prince Rupert has secured a commitment that Pembina will build the project, and that the project planning and design is underway, but the project has not yet been started.

### **The Potential for Significant Effects**

Based on our understanding of the proposed Project, the Coast Tsimshian have identified a number of potential environmental effects that could be assessed for significance. Potential effects of concern include the following:

- Potential disruption of existing contaminated sediment with potential for contamination of surface water, ground water, and marine waters;
- Impacts associated with increase marine traffic, including accidents and malfunctions, displacement of harvesters, and impacts on species of conservation concern such as the Harbour Porpoise known to reside in the vicinity of the project and shipping routes;
- Impacts associated with increased rail traffic and carrying of hazardous goods including increased noise, potential for accidents and malfunctions including along the Skeena River and in populated areas (e.g Terrace and Port Edward);
- Increased air emissions, including from a planned flare;
- Potential use and discharge of water for chilling of propane once loaded;
- Potential changes to marine infrastructure;
- Potential for land and marine based accidents and malfunctions during propane handling and transfer;
- Impacts on Coast Tsimshian rights and title including but not limited to: decreased access to lands, interference with marine travel routes and harvesting areas; decreased access to resources; decreased quantity and quality of harvestable resources; decreased enjoyment of lands and waters; impacts on human health via air pollution and potential contamination of marine and terrestrial foods; and, decreased ability to derive economic benefit from the land;
- Cumulative impacts of all of the above combined with past, present, and reasonably foreseeable project effects, including cumulative air, noise and light emissions, those associated with increased marine and rail traffic, and the continued erosion of Metlakatla and Lax Kw'alaams's ability to access and exercise traditional rights on the lands and waters.

### **Information Gaps**

Due to a lack of an overarching project description and a baseline environmental document, the Coast Tsimshian are left with a number of questions that could further inform project impacts, relating to:

- The status of site condition and remediation efforts on Watson Island in general and specifically in the proposed project footprint;
- Baseline information of the use of the area by birds, mammals, fish amphibians, invertebrates or vegetation, including potential species at risk, traditional use species, and sensitive marine ecosystems;
- Plans for accident prevention and response associated with rail traffic, marine traffic, and the storage and transfer of propane and other associated products supporting the terminal (e.g. nitrogen);

- Sources and level of contribution to air emissions and potential impacts on human health and species, including from the flare;
- Sources and associated processes for managing onsite waste, water, and discharge.

With no formal requirement for baseline inventory or assessment of the above listed project or ecosystem components, Coast Tsimshian believe there is a likelihood of significant impacts from the project and further assessment is required.

#### **Regulatory Context and Gaps**

We understand several permits are presently required for the advancement of this project, including:

- Unspecified permits from the City of Prince Rupert
- Air discharge permit from the B.C. Minister of Environment
- Potential authorization for liquefied gas loading from the Prince Rupert Port Authority
- Rail operating and equipment installation permits from the B.C. Safety Authority

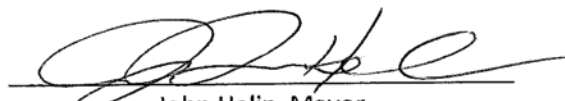
Only the air discharge permit will trigger Crown consultation with Metlakatla and Lax Kw'alaams and no Crown agency is responsible to examine the environmental effects of the proposed project, ensure appropriate mitigations or avoidance mechanisms are implemented, or regulate the project as a whole. Of even greater concern to the Coast Tsimshian, no agency is responsible for consulting Metlakatla and Lax Kw'alaams beyond air emissions impacts, or addressing, mitigating and accommodating potential impacts of the project as a whole on Metlakatla and Lax Kw'alaams Rights and Title.

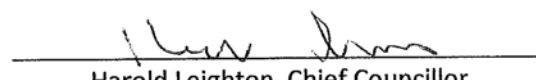
#### **Conclusion**

Given the above, there is a high potential for Pembina Pipeline Corporation's proposed Propane Terminal on Watson Island to result in significant adverse environmental, economic, social, heritage and health effects and, as such, designating the project to undergo an Environmental Assessment is in the best interest of the province, the Coast Tsimshian, and the public who stand to be impacted. Since the project has not substantially started, the Coast Tsimshian request that the Minister exercise discretion to designate the Pembina Propane Terminal project for a full Environmental Assessment.

Should you wish to further discuss the above request, please contact Erin Mutrie, Environmental Assessment Manager for the Metlakatla Stewardship Society ([emutrie@metlakatla.ca](mailto:emutrie@metlakatla.ca) or 250-628-3315 ext 2035), and Carolann Brewer, Director, Lands and Natural Resources for Lax Kw'alaams Band ([director\\_lands@laxband.com](mailto:director_lands@laxband.com); or 250-627-5733). We look forward to your response.

Sincerely,

  
John Helin, Mayor  
Lax Kw'alaams Band

  
Harold Leighton, Chief Councillor  
Metlakatla First Nation

Cc: Kevin Jardine, Associate Deputy Minister, Environmental Assessment Office

Nathan Braun, Executive Project Director, Environmental Assessment Office  
Simon Coley, Assistant Deputy Minister, Ministry of Energy, Mines and Petroleum Resources  
Erminio Pucci, Chief Executive Officer, Lax Kw'alaams Band  
Carolann Brewer, Director, Lands and Natural Resources, Lax Kw'alaams Band  
Ross Wilson, Executive Director, Metlakatla Stewardship Society  
Erin Mutrie, Environmental Assessment Manager, Metlakatla Stewardship Society



**From:** [Dyck, Heinz IRR:EX](#)  
**To:** [Coley, Simon J EMPR:EX](#)  
**Subject:** FW: Haisla and CGL  
**Date:** July 10, 2018 11:58:50 AM  
**Attachments:** [Appendix 2 - Haisla - BC LNG Table jul 2018.docx](#)

---

Should have included you in the original e-mail - I need some direction on the scale of benefits for a potential agreement with Haisla

-----Original Message-----

From: Dyck, Heinz IRR:EX  
Sent: Monday, July 9, 2018 3:38 PM  
To: Balcaen, Trish L IRR:EX ([Trish.Balcaen@gov.bc.ca](mailto:Trish.Balcaen@gov.bc.ca)) <[Trish.Balcaen@gov.bc.ca](mailto:Trish.Balcaen@gov.bc.ca)>; Caul, Doug D ABR:EX ([Doug.Caul@gov.bc.ca](mailto:Doug.Caul@gov.bc.ca)) <[Doug.Caul@gov.bc.ca](mailto:Doug.Caul@gov.bc.ca)>; Nash, Laurel ABR:EX ([Laurel.Nash@gov.bc.ca](mailto:Laurel.Nash@gov.bc.ca)) <[Laurel.Nash@gov.bc.ca](mailto:Laurel.Nash@gov.bc.ca)>  
Cc: Harvie, Christie IRR:EX <[Christie.Harvie@gov.bc.ca](mailto:Christie.Harvie@gov.bc.ca)>; Puggioni, Giovanni ABR:EX ([Giovanni.Puggioni@gov.bc.ca](mailto:Giovanni.Puggioni@gov.bc.ca)) <[Giovanni.Puggioni@gov.bc.ca](mailto:Giovanni.Puggioni@gov.bc.ca)>  
Subject: FW: Haisla and CGL

Esteemed colleagues,

It would be good to receive some direction as to what scale of benefits might be supported (if you have that sense) by this government for Haisla's ask in relation to the proposed LNG Canada project. See attached table.

HD

-----Original Message-----

From: Ziegler, Kevin IRR:EX  
Sent: Monday, July 9, 2018 3:23 PM  
To: Puggioni, Giovanni IRR:EX <[Giovanni.Puggioni@gov.bc.ca](mailto:Giovanni.Puggioni@gov.bc.ca)>; Harvie, Christie IRR:EX <[Christie.Harvie@gov.bc.ca](mailto:Christie.Harvie@gov.bc.ca)>; Waters, Cory IRR:EX <[Cory.Waters@gov.bc.ca](mailto:Cory.Waters@gov.bc.ca)>; Puggioni, Giovanni IRR:EX <[Giovanni.Puggioni@gov.bc.ca](mailto:Giovanni.Puggioni@gov.bc.ca)>; Coley, Simon J EMPR:EX <[Simon.Coley@gov.bc.ca](mailto:Simon.Coley@gov.bc.ca)>; Humber, Emmy EMPR:EX <[Emmy.Humber@gov.bc.ca](mailto:Emmy.Humber@gov.bc.ca)>; Dyck, Heinz IRR:EX <[Heinz.Dyck@gov.bc.ca](mailto:Heinz.Dyck@gov.bc.ca)>; Duggan, Sarah EMPR:EX <[Sarah.Duggan@gov.bc.ca](mailto:Sarah.Duggan@gov.bc.ca)>; Breiddal, Rosanna EMPR:EX <[Rosanna.Breiddal@gov.bc.ca](mailto:Rosanna.Breiddal@gov.bc.ca)>  
Cc: Smith, Alanya C IRR:EX <[Alanya.Smith@gov.bc.ca](mailto:Alanya.Smith@gov.bc.ca)>  
Subject: Haisla and CGL

Good afternoon,

A quick update from TransCanada today, Claire and George informed us that CGL has now closed their project agreement with Haisla. This was the last outstanding project agreement with an Indian Act Band that they were looking for.

They are anticipating that project agreement will be announced in September, but a date hasn't been set yet.

TransCanada has not yet closed the negotiations on a commercial supply agreement with Haisla; however, a term sheet for the commercial agreement has been agreed to.

Cheers,

Kevin

Kevin Ziegler | Partnership Development Advisor Major Projects and Cross Government Initiatives Ministry of Indigenous Relations and Reconciliation

Phone: 778-974-2092 | e-mail: Kevin.Ziegler@gov.bc.ca<<mailto:Kevin.Ziegler@gov.bc.ca>>

Page 041 of 154 to/à Page 042 of 154

Withheld pursuant to/removed as

s.16

**From:** [Ruscheinski, Bonnie FLNR:EX](#)  
**To:** [Roberts, Lloyd E EMPR:EX](#); [Coley, Simon J EMPR:EX](#)  
**Cc:** [Perrins, Greg EMPR:EX](#); [Stagg, Chris J FLNR:EX](#)  
**Subject:** RE: lax term sheet proposal - Oct 9 2019  
**Date:** October 9, 2019 5:35:27 PM  
**Attachments:** [lax term sheet proposal - Oct 9 2019.docx](#)

---

Hi All

I have inserted some edits and comment boxes after a quick review for your consideration. I will continue to gather information on the flow of funds with Head Leases and I think we should engage Tom Nykyforuk from MAG. s.13; s.14

s.13; s.14

Hope this is helpful.

Bonnie

---

**Bonnie Ruscheinski**, B.Comm., AACI, P.App. | Executive Director – Crown Land Opportunities | Ministry of Forests, Lands, Natural Resource Operations and Rural Development | **ph:** 778-974-5870 | **cell:** 250-882-6430 | **e:** [bonnie.ruscheinski@gov.bc.ca](mailto:bonnie.ruscheinski@gov.bc.ca) | **m:** PO Box 9352, Stn Prov Gov, Victoria BC V8W 9M1

---

**From:** Roberts, Lloyd E EMPR:EX  
**Sent:** October 9, 2019 4:51 PM  
**To:** Coley, Simon J EMPR:EX <[Simon.Coley@gov.bc.ca](mailto:Simon.Coley@gov.bc.ca)>  
**Cc:** Ruscheinski, Bonnie FLNR:EX <[Bonnie.Ruscheinski@gov.bc.ca](mailto:Bonnie.Ruscheinski@gov.bc.ca)>; Perrins, Greg EMPR:EX <[Greg.Perrins@gov.bc.ca](mailto:Greg.Perrins@gov.bc.ca)>  
**Subject:** lax term sheet proposal - Oct 9 2019

Hi Simon, attached for your review is the draft “Principles Document” proposed as an exploratory document with Lax. The document is comprehensive and includes MIRR proposals, tweaked to reflect the new environment we are in with Lax.

Bonnie has had little time to review the attached document but is drafted at a high enough level to allow for exploratory discussion and internal refinements.

Bonnie has advised Chris Stagg of the current state of play but I expect he will need a further 101 on this business.

I understand a conference call is scheduled between our DM and the MIRR DM for tomorrow. Given FLNRORD role in this work, it is important that Rick Manwaring, Bonnie, and myself be invited to this call.

Please advise on any changes you require to the document and I’ll be on it ASAP.

Cheers

L

Page 044 of 154

Withheld pursuant to/removed as

s.13

Page 045 of 154 to/à Page 051 of 154

Withheld pursuant to/removed as

s.13 ; s.16 ; s.17

Page 052 of 154 to/à Page 054 of 154

Withheld pursuant to/removed as

s.13

Page 055 of 154

Withheld pursuant to/removed as

s.13 ; s.14 ; s.16 ; s.17 ; s.22



Page 056 of 154

Withheld pursuant to/removed as

s.13 ; s.14 ; s.16

**From:** [Roberts, Lloyd E EMPR:EX](#)  
**To:** [Coley, Simon J EMPR:EX](#); [Perrins, Greg EMPR:EX](#); [Rogers, James EMPR:EX](#)  
**Subject:** FW: [EXT PEMBINA] RE: Update on LNG site process  
**Date:** January 21, 2020 6:14:06 PM

---

FYI

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**From:** Coburn, David FLNR:EX <[David.Coburn@gov.bc.ca](mailto:David.Coburn@gov.bc.ca)>  
**Sent:** Tuesday, January 21, 2020 3:22 PM  
**To:** Ruscheinski, Bonnie FLNR:EX <[Bonnie.Ruscheinski@gov.bc.ca](mailto:Bonnie.Ruscheinski@gov.bc.ca)>; Roberts, Lloyd E EMPR:EX <[Lloyd.Roberts@gov.bc.ca](mailto:Lloyd.Roberts@gov.bc.ca)>  
**Subject:** FW: [EXT PEMBINA] RE: Update on LNG site process

FYI

**David Coburn**

(m) 250-889-0451 | (w) 778-698-8754 | [David.Coburn@gov.bc.ca](mailto:David.Coburn@gov.bc.ca)  
Director, Crown Land Opportunities and Restoration Branch  
Rural Opportunities, Tenures and Engineering  
Ministry of Forests, Lands, Natural Resource Operations & Rural Development

---

**From:** Matt Sullivan <[MSullivan@pembina.com](mailto:MSullivan@pembina.com)>  
**Sent:** January 21, 2020 12:29 PM  
**To:** Coburn, David FLNR:EX <[David.Coburn@gov.bc.ca](mailto:David.Coburn@gov.bc.ca)>  
**Subject:** RE: [EXT] RE: Update on LNG site process

David,

s.13

I appreciate the feedback below and will keep you posted on any potential meetings with the Deputy.

Best regards,

Matt

---

**From:** Coburn, David FLNR:EX <[David.Coburn@gov.bc.ca](mailto:David.Coburn@gov.bc.ca)>  
**Sent:** Monday, January 13, 2020 3:20 PM  
**To:** Matt Sullivan <[MSullivan@pembina.com](mailto:MSullivan@pembina.com)>  
**Subject:** [EXT] RE: Update on LNG site process

Hi Matt,

Happy new year to you as well and apologies for the delay in responding. s.22  
s.22

Fortunately for us Tami is still with the branch for another month or so and will continue to offer her knowledge/expertise on all LNG-related projects. With respect to our executive briefings, Tami, Bonnie Ruscheinski (our Executive Director) and I were able to brief our Assistant Deputy Minister (Chris Stagg) in December on the renewed LNG interest on the North Coast. s.16  
s.16

s.13

Best,

**David Coburn**

(m) 250-889-0451 | (w) 778-698-8754 | [David.Coburn@gov.bc.ca](mailto:David.Coburn@gov.bc.ca)  
Director, Crown Land Opportunities and Restoration Branch  
Rural Opportunities, Tenures and Engineering  
Ministry of Forests, Lands, Natural Resource Operations & Rural Development

---

**From:** Matt Sullivan <[MSullivan@pembina.com](mailto:MSullivan@pembina.com)>  
**Sent:** January 6, 2020 2:17 PM  
**To:** Coburn, David FLNR:EX <[David.Coburn@gov.bc.ca](mailto:David.Coburn@gov.bc.ca)>  
**Subject:** Update on LNG site process

David,

I believe Tami mentioned she was moving on to a new position so I am reaching out to you. s.13  
s.13

s.13 I believe that you were going to have some internal discussions on how best to move forward.

Any updates would be appreciated. Happy New Year and I hope you were able to get some quality time away from the office over the holidays.

Best Regards,

Matt

**Matt Sullivan** – Senior Manager, Commercial and LNG Marketing

[Pembina Pipeline Corporation](#) | 5615 Kirby Drive, Suite 500 Houston, TX 77005

Tel: **(713) 400-2828** | Cell: **(713) 213-5127** | [msullivan@pembina.com](mailto:msullivan@pembina.com)

**From:** [Roberts, Lloyd E EMPR:EX](#)  
**To:** [Coley, Simon J EMPR:EX](#)  
**Subject:** Fwd: Pembina  
**Date:** February 3, 2020 12:55:07 PM  
**Attachments:** [image001.png](#)  
[ATT00001.htm](#)  
[RE EXT RE Update on LNG site process.msg](#)  
[ATT00002.htm](#)

---

FYI.

Begin forwarded message:

**From:** "Coburn, David FLNR:EX" <David.Coburn@gov.bc.ca>  
**Date:** February 3, 2020 at 12:43:21 PM PST  
**To:** "Roberts, Lloyd E EMPR:EX" <Lloyd.Roberts@gov.bc.ca>  
**Cc:** "Ruscheinski, Bonnie FLNR:EX" <Bonnie.Ruscheinski@gov.bc.ca>  
**Subject: RE: Pembina**

Hi Lloyd,

The last time Tami and I talked with Matt Sullivan from Pembina (back in October 2019) they were very interested in/focussed on Digby. They briefly mentioned the agreement with the City of Rupert which offers exclusivity on DL 444. Not a lot of detail on site preferences in those discussions; more of a meet-n-greet/overview of general interests. I have attached the last communication from Matt which indicates they have shared a draft project description with Met and Lax.

Hope this helps!

**David Coburn**

Director, Crown Land Opportunities and Restoration Branch

(m) 250-889-0451 | (w) 778-698-8754 | [David.Coburn@gov.bc.ca](mailto:David.Coburn@gov.bc.ca)

Rural Opportunities, Tenures and Engineering

Ministry of Forests, Lands, Natural Resource Operations & Rural  
Development

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**From:** Ruscheinski, Bonnie FLNR:EX <[Bonnie.Ruscheinski@gov.bc.ca](mailto:Bonnie.Ruscheinski@gov.bc.ca)>

**Sent:** February 3, 2020 12:35 PM

**To:** Roberts, Lloyd E EMPR:EX <[Lloyd.Roberts@gov.bc.ca](mailto:Lloyd.Roberts@gov.bc.ca)>; Coburn, David  
FLNR:EX <[David.Coburn@gov.bc.ca](mailto:David.Coburn@gov.bc.ca)>

**Subject:** RE: Pembina

David is the best one to speak to about this but I believe they are more interested in  
Digby or Grassy than DL444.

See the email David sent you and that I have attached (at the bottom is where  
Pembina talks about Digby and Grassy).

Bonnie

**Bonnie Ruscheinski**, B.Comm., AACI, P.App. | Executive Director – Crown Land  
Opportunities | Ministry of Forests, Lands, Natural Resource Operations and Rural  
Development | **ph:** 778-974-5870 | **cell:** 250-882-6430 | **e:**  
[bonnie.ruscheinski@gov.bc.ca](mailto:bonnie.ruscheinski@gov.bc.ca) | **m:** PO Box 9352, Stn Prov Gov, Victoria BC V8W 9M1

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**From:** Roberts, Lloyd E EMPR:EX <[Lloyd.Roberts@gov.bc.ca](mailto:Lloyd.Roberts@gov.bc.ca)>

**Sent:** February 3, 2020 12:23 PM

**To:** Ruscheinski, Bonnie FLNR:EX <[Bonnie.Ruscheinski@gov.bc.ca](mailto:Bonnie.Ruscheinski@gov.bc.ca)>  
**Subject:** Pembina

Hi Bonnie, has Pembina recently expressed interest in the Grassy or Digby sites or just lot 444?

**From:** [Matt Sullivan](#)  
**To:** [Coburn, David FLNR:EX](#)  
**Subject:** RE: [EXT] RE: Update on LNG site process  
**Date:** January 21, 2020 12:28:46 PM

---

David,

s.13

I appreciate the feedback below and will keep you posted on any potential meetings with the Deputy.

Best regards,

Matt

---

**From:** Coburn, David FLNR:EX <David.Coburn@gov.bc.ca>  
**Sent:** Monday, January 13, 2020 3:20 PM  
**To:** Matt Sullivan <MSullivan@pembina.com>  
**Subject:** [EXT] RE: Update on LNG site process

Hi Matt,

Happy new year to you as well and apologies for the delay in responding. s.22  
s.22

Fortunately for us Tami is still with the branch for another month or so and will continue to offer her knowledge/expertise on all LNG-related projects. With respect to our executive briefings, Tami, Bonnie Ruscheinski (our Executive Director) and I were able to brief our Assistant Deputy Minister (Chris Stagg) in December on the renewed LNG interest on the North Coast. s.16

s.16

s.13

Best,



**David Coburn**

(m) 250-889-0451 | (w) 778-698-8754 | [David.Coburn@gov.bc.ca](mailto:David.Coburn@gov.bc.ca)

Director, Crown Land Opportunities and Restoration Branch

Rural Opportunities, Tenures and Engineering

Ministry of Forests, Lands, Natural Resource Operations & Rural Development

---

**From:** Matt Sullivan <[MSullivan@pembina.com](mailto:MSullivan@pembina.com)>

**Sent:** January 6, 2020 2:17 PM

**To:** Coburn, David FLNR:EX <[David.Coburn@gov.bc.ca](mailto:David.Coburn@gov.bc.ca)>

**Subject:** Update on LNG site process

David,

I believe Tami mentioned she was moving on to a new position so I am reaching out to you. s.13  
s.13

s.13 . I believe that you were going to have some internal discussions on how best to move forward.

Any updates would be appreciated. Happy New Year and I hope you were able to get some quality time away from the office over the holidays.

Best Regards,

Matt

**Matt Sullivan** – Senior Manager, Commercial and LNG Marketing

[Pembina Pipeline Corporation](#) | 5615 Kirby Drive, Suite 500 Houston, TX 77005

Tel: **(713) 400-2828** | Cell: **(713) 213-5127** | [msullivan@pembina.com](mailto:msullivan@pembina.com)

**From:** [Mah-Paulson, May EMPR:EX](#)  
**To:** [Carr, Michelle EMPR:EX](#); [Leinweber, Rachelle R WLRS:EX](#)  
**Cc:** [Boivin, Arielle EMLI:EX](#); [Cochrane, Marlene EMPR:EX](#); [Coley, Simon J EMLI:EX](#); [Amann-Blake, Nathaniel EMLI:EX](#)  
**Subject:** RE: Follow up actions needed: Cedar LNG  
**Date:** May 19, 2020 5:13:09 PM

---

Hi Michelle – thanks, and yes OGD is the lead for a BN on Cedar LNG.

Marlene – please assign to OGD.

Rachelle – this should go to Mark Urwin, in Geoff’s absence this week.

Thanks,

May

---

**From:** Carr, Michelle EMPR:EX <Michelle.Carr@gov.bc.ca>  
**Sent:** May 19, 2020 4:33 PM  
**To:** Mah-Paulson, May EMPR:EX <May.Mah-Paulson@gov.bc.ca>; Amann-Blake, Nathaniel EMPR:EX <Nathaniel.Amann-Blake@gov.bc.ca>; Coley, Simon J EMPR:EX <Simon.Coley@gov.bc.ca>  
**Cc:** Boivin, Arielle EMPR:EX <Arielle.Boivin@gov.bc.ca>; Cochrane, Marlene EMPR:EX <Marlene.Cochrane@gov.bc.ca>  
**Subject:** Follow up actions needed: Cedar LNG

Hi, everyone.

As mentioned on the DM/ADM touch-base this afternoon, I participated in a call with Haisla and Dave that ended up being solely focused on Cedar LNG. Dave has asked for a BN on Cedar LNG given Crystal’s interest in meeting with MBR, and a meeting with Nate on their economic recovery ideas.

May, I’m assuming OGD should take the lead on the Cedar LNG BN with support as necessary from others? FYI, here are key topics raised during the meeting:

s.16

s.16

May, could you please confirm OGD lead and Marlene will assign accordingly.

Meeting with Nate and others to discuss key economic recovery/relief items

s.16

Can you please let me know who needs to be part of this and I'll get it set up.

Thanks,  
Michelle

***Michelle Carr***

Assistant Deputy Minister  
LNG Canada Implementation  
Ministry of Energy, Mines and Petroleum Resources  
250-882-1473 (cell)

**From:** [Urwin, Mark EMPR:EX](#)  
**To:** [Carr, Michelle EMPR:EX](#); [Tony Brady](#)  
**Cc:** [Crystal Smith](#); [Jason Majore](#); [Coley, Simon J EMLI:EX](#); [Mah-Paulson, May EMPR:EX](#)  
**Subject:** RE: Economic Recovery Plan - Cedar LNG  
**Date:** May 26, 2020 5:19:55 PM

---

Hi Tony,

It's a pleasure to meet with you again (via email) and I believe we had the opportunity to meet (along with Jason) after an FNCI meeting with BC Hydro late last year.

I'd be very happy to coordinate a discussion with both Simon's and May's division at your convenience. Perhaps we could schedule a short call for later this week to discuss?

Best regards,  
Mark

Mark Urwin  
Director, Competitiveness and Market Development  
Ministry of Energy, Mines and Petroleum Resources

4<sup>th</sup> Floor, 1810 Blanshard Street Victoria BC  
tel: +1-778-677-5293  
email: [mark.urwin@gov.bc.ca](mailto:mark.urwin@gov.bc.ca)

---

**From:** Carr, Michelle EMPR:EX <[Michelle.Carr@gov.bc.ca](mailto:Michelle.Carr@gov.bc.ca)>  
**Sent:** May 25, 2020 4:15 PM  
**To:** Tony Brady <[tbrady@haisla.ca](mailto:tbrady@haisla.ca)>  
**Cc:** Crystal Smith <[crystal.smith@haisla.ca](mailto:crystal.smith@haisla.ca)>; Jason Majore <[JMajore@haisla.ca](mailto:JMajore@haisla.ca)>; Coley, Simon J EMPR:EX <[Simon.Coley@gov.bc.ca](mailto:Simon.Coley@gov.bc.ca)>; Mah-Paulson, May EMPR:EX <[May.Mah-Paulson@gov.bc.ca](mailto:May.Mah-Paulson@gov.bc.ca)>; Urwin, Mark EMPR:EX <[Mark.Urwin@gov.bc.ca](mailto:Mark.Urwin@gov.bc.ca)>  
**Subject:** Re: Economic Recovery Plan - Cedar LNG

Hi, Tony.

Nice to hear from you. Coincidentally I followed up on this item with my colleagues today. Both Simon Coley's division and May Mah Paulson's division are interested in meeting with you to obtain a more comprehensive understanding of key milestones from regulatory and construction perspectives as well as obtain a better understanding of the key issues you raised.

Mark Urwin, Director of Competitiveness and Market Development would like to connect with you to set up this discussion. Mark is cc'd on this email and can be reached by email or at 778-677-5293.

Take care,

Michelle

Michelle Carr  
Assistant Deputy Minister  
LNG Canada Implementation  
Ministry of Energy, Mines and Petroleum Resources  
Cell: 250-882-1473  
[michelle.carr@gov.bc.ca](mailto:michelle.carr@gov.bc.ca)

---

**From:** Tony Brady <[tbrady@haisla.ca](mailto:tbrady@haisla.ca)>  
**Sent:** Monday, May 25, 2020 9:28 AM  
**To:** Carr, Michelle EMPR:EX  
**Cc:** Crystal Smith; Jason Majore  
**Subject:** Economic Recovery Plan - Cedar LNG

Hi Michelle,

Thank you for joining us the other day with David. We really enjoyed the discussion and feel there is a great opportunity to work with the Province.

s.16

I am available later this week if you have availability. Let me know your schedule.

Regards  
Tony

**From:** [Cochrane, Marlene EMPR:EX](#)  
**To:** [Coley, Simon J EMLI:EX](#)  
**Cc:** [Andrews, Sarah EMLI:EX](#)  
**Subject:** FYI: Cedar LNG BN  
**Date:** May 29, 2020 8:41:56 AM  
**Attachments:** [111322 Cedar LNG May 26.docx](#)

---

Hi Simon. FYI-attached for your information is a BN sent to the MO re: Cedar LNG. Thank you.

**Marlene Cochrane**  
Executive Coordinator | Deputy Minister's Office  
Ministry of Energy, Mines and Petroleum Resources  
Victoria | British Columbia  
Phone (778) 698 7254

**MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

**BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honouable Bruce Ralston, Minister of Energy, Mines and Petroleum and Resources

**ISSUE:** Cedar LNG

**BACKGROUND:**

The Cedar LNG project is a floating Liquefied Natural Gas (LNG) facility and export terminal located in Kitimat, BC with an anticipated export capacity of 3 to 4 million tonnes per annum. The project is being proposed by the Haisla Nation through its wholly owned subsidiary Cedar LNG Export Development Ltd. Cedar LNG plans to draw its feedstock gas from the Coastal Gaslink pipeline. Forecasted to cost C\$1.8-2.5 billion, the project could employ 350-500 construction workers and create 70-100 permanent operation jobs.

Cedar LNG entered the environmental assessment process August 2019. In January 2020, Cedar LNG was granted substitution by the federal Minister of Environment and Climate Change. This allows the project to undergo the provincial environmental assessment process to satisfy federal environmental assessment requirements.

The proponents plan to design Cedar LNG as a fully electric drive facility and are working with BC Hydro exploring options to power the project with electricity from the provincial transmission grid. If grid electrification is not feasible, Cedar LNG would self-generate electricity using a gas turbine.

**DISCUSSION:**

In a recent call with the Ministry, the Haisla Nation indicated Cedar LNG was in the process of completing two baseline studies and a small amount of pre-Front End Engineering and Design (FEED) work. Following this work, they anticipate that they will submit their application for an Environmental Assessment Certificate by March 2021. s.21

s.21

s.21

s.16

s.16

s.16

The Ministry maintains a strong working relationship with its Federal counterparts at Natural Resources Canada to foster the development of the natural gas sector and will encourage Cedar LNG to build a similar working relationship with them.

## Provincial Government Requests

### *Electricity availability*

A preliminary estimate from Cedar LNG's initial project description filed to the Environmental Assessment Office expects the LNG production unit and auxiliary demand to be approximately 214 megawatts of power. BC Hydro would be the supplier of electricity through the provincial transmission grid, and s.12; s.13; s.16

s.12; s.13; s.16

Cedar LNG continues to engage with BC Hydro as a potential industrial customer.

s.21

### *Provincial loan guarantee/support for equity ownership akin to a program in Alberta*

Amidst a backdrop of growing interest from Indigenous communities in pursuing ownership stakes in major energy projects, in summer 2019 the Alberta Government announced that it would create the new Alberta Indigenous Opportunities Corporation (AIOC). The AIOC's mandate includes (a) providing legal, technical and financial advice to Nations looking to initiate or participate in energy projects, and (b) allocating up to \$1 billion in investment support (such as loans and guarantees) to qualified First Nations.

The Haisla Nation are the project proponents through their wholly owned subsidiary, Cedar LNG Development Ltd. The Cedar LNG project is a key element of the Haisla Nation economic and social development strategy and will further advance reconciliation by allowing Haisla Nation to - for the first time ever - directly own and participate in a major industrial development in its territory. s.13; s.16

### *Fiscal Measures*

s.21

Before LNG Canada made its FID, the Province entered a joint financial analysis of the project that allowed all parties to understand the potential impacts of movements to fiscal levers. s.12;

s.12; s.13; s.16



s.12; s.13; s.16

s.12; s.13; s.16

LNG projects

that meet the following four conditions: guarantee a fair return for BC's natural resources; guarantee jobs and training opportunities for British Columbians; respect and make partners of First Nations; and meet BC's climate commitments. s.12; s.13; s.16 LNG Canada received a PST deferral through the Operating Performance Payments Agreement after an extensive joint financial modelling exercise with the Province. They were also granted electricity rates from BC Hydro consistent with other industrial customers in BC, carbon tax rebates and the elimination of the LNG income tax and retention of the Natural Gas Tax Credit (NGTC).

Cedar LNG would be applicable for the NGTC and would receive up to a 3 per cent reduction in their CIT rate from 12 per cent. s.12; s.13; s.16

s.12; s.13; s.16

## **Federal Government Requests**

### *Accessing the Strategic Innovation Fund*

The Strategic Innovation Fund (SIF) is a funding program available through Industry Canada that is focused on attracting and supporting high-quality business investments to ensure Canada is a top destination for businesses to invest, grow and create jobs and prosperity for Canadians. Over 60 businesses in Canada have received funding from SIF since 2018, including LNG Canada. Given Cedar LNG's interest in an air-cooled electric drive facility and the first floating LNG project in Canada, the project has a business case for accessing funds from SIF.

### *Request for exemption from Fabricated Industrial Steel Component (FISC) duties*

In 2017, the Canadian International Trade Tribunal issued an antidumping order on FISC exported from China. Complex fabricated steel modules that cannot be manufactured in Canada and must be imported from China are a key component in the construction of LNG facilities. The FISC import duties would add a significant cost to the construction of a new LNG facility in Canada. LNG Canada and Woodfibre LNG have both received exemptions from FISC import duties from the Federal Government, and Cedar LNG is requesting to receive a similar exemption.

### *Guaranteed long-term backstop from Federal Government*

The Federal Government has announced two credit programs to be available to oil and gas companies where banks see a greater level of lending risk. The Business Development Bank of Canada (BDC) is providing four-year financing where the debt can be converted to equity if the company hits financial stress. The BDC loans would require interest-only payments until the end of the four-year term. Export Development Canada is developing a program that will guarantee a portion of loans that are no longer covered by the reserve value. This would effectively offset the

loss of credit availability that is due to the decline in commodity prices. Both federal agencies are finalizing their program details as of May 20, 2020.

**SUMMARY:**

Projects such as Cedar LNG open the door to global markets for BC, while creating sustainable jobs and economic development that makes meaningful partners of Indigenous peoples. The Province is supportive of the Cedar LNG project, and will continue to engage with the project and with the Haisla Nation and Cedar LNG as they move through their project development.

**DRAFTED BY:**

Alisha Chicoine, Senior Economist,  
OGD

**APPROVED BY:**

Mark Urwin, Director ✓  
Geoff Turner, Executive Director ✓  
May Mah-Paulson, ADM, OGD ✓  
Dave Nikolejsin, DM ✓

**From:** [Prsala, James EMPR:EX](#)  
**To:** [Coley, Simon J EMPR:EX](#)  
**Cc:** [Graham, Mark EMPR:EX](#); [Short, Charles J FLNR:EX](#); [Worsley, Kristin E FLNR:EX](#); [Johnston, Heather M EMPR:EX](#)  
**Subject:** Draft Bullets - Metlakatla Meeting  
**Date:** September 2, 2020 2:29:29 PM  
**Attachments:** [image001.jpg](#)

---

Hi Simon, as discussed with Mark here are some draft bullets regarding the Met situation.

Background:

- The North Coast Environmental Stewardship Initiative/Marine Plan Partnership (ESI/MaPP) integrated 2020 Field Program includes sampling and monitoring within the traditional territories of the six participating North Coast (NC) Nations: Kitsumkalum, Kitselas, Metlakatla, Haisla, Gitxaala, and Gitga'at.
- On August 7th, 2020 the Field Program Coordinator brought it to the attention of the Cumulative Effects Project Team Project Managers that Metlakatla leadership does not support the planned 2020 field programs for MAPP and ESI. Metlakatla's RSF representative requested that the *"field work not encroach in Metlakatla Territory"* which includes all the sites chosen for the 2020 Field Program.
- EMPR staff reached out to Ross Wilson, Executive Director of the Metlakatla Stewardship Society, on August 11<sup>th</sup> and August 13<sup>th</sup> to discuss the issue. It was indicated that Metlakatla was seeking a response to the 2018 correspondence outlining their concerns with role of North Coast Skeena First Nations Stewardship Society (NCSFNSS) in collaborative projects and issues with their rights and title being negatively impacted through collaborative stewardship work. It was also stated that an executive level meeting with Metlakatla Chief and Council was needed to address these issues.
- On August 14<sup>th</sup> EMPR issued a letter requesting said meeting between Chief Leighton and Simon Coley.
- August 17<sup>th</sup>, RSF convened a call to discuss Field Program. Metlakatla continued to maintain their position. Other RSF First Nations expressed concern with Metlakatla's approach, and Province's willingness to discuss what they considered to be "non-issues." RSF member First Nations indicated willingness to "walk away" should RSF decisions regarding Field Program not be upheld.
- August 17<sup>th</sup>, BC responded in writing, to endorse the Field Program, excepting locations within BC Parks' conservancies as Metlakatla indicated a desire to be consulted separately, and Parks' staff felt that permits could not be issued for sampling in those areas, absent the consultation process outlined in their collaborative management agreement with Metlakatla.
- On August 28<sup>th</sup> EMPR and FLNR received a response from Metlakatla requesting a meeting between Metlakatla and Lax Kw'alaams leadership, Simon Coley and the Deputy Minister and Minister of EMPR and the Deputy and Minister of ENV.

#### Metlakatla Concerns:

- As stated in the August 28<sup>th</sup> correspondence, Metlakatla's chief concerns with the Field Program (and collaborative stewardship writ large) are as follows:
  - Erosion of Metlakatla and Lax Kw'alaams claims to Rights and Title due to equal access of partner First Nations to the Prince Rupert Harbour.
  - Negative impact to rights and title are subsequently affecting "reconciliation, Treaty, marine use planning and economic development negotiations.
  - Lack of meaningful engagement regarding the March 2018 correspondence.
- Ultimately Metlakatla wants to find a path forward where we can meaningfully work together without eroding their rights and title.

#### ESI/MaPP response to date:

- The Province has attempted to address Metlakatla's concerns as follows:
  - Included and highlighted the non-derogation language in enabling agreements.
  - The Regional Stewardship Forum (RSF) has agreed to collaboratively re-work the terms of reference and decision making structure to address Metlakatla's concerns around being "overruled" on decisions related to work in their asserted territory, following March 2021 should ESI's mandate be extended.
  - In January 2020 the RSF endorsed an "interim dispute resolution" policy that would allow Metlakatla to have concerns addressed in scenarios where they dispute an RSF decision and said decision contravenes one of ESI's foundational principles. To date, this dispute resolution policy has not been utilized.
  - NCSFNSS has continued to operate in a non-representative capacity, taking on a solely administrative function. Each First Nation is now fully self-represented in both MaPP and ESI.

#### Recommended Next Steps:

- Meet with MIRR negotiators and ADM to discuss ESI/MaPP issue, and understand MIRR's approach regarding the September 1 correspondence from Scott Fraser.
- Touch base with ENV to better understand their potential role in an upcoming meeting.
- Convene meeting between Metlakatla Chief and Council, Simon Coley and Craig Sutherland (virtually) and (if relevant) Mark Lofthouse. Discuss future meeting with Lax Kw'alaams, but may not be relevant as they are not signatory to ESI or MaPP programs.
- Push for the following meeting outcomes:
  - Seek to better understand Metlakatla's views on potential impact to rights and title.
  - Seek clarity on Metlakatla's role in collaborative stewardship going forward.

Best,



**James Prsala**

Director, Environmental Stewardship Initiative Branch  
Ministry of Energy, Mines and Petroleum Resources  
Phone: 778-698-7290

**From:** [Prsala, James EMPR:EX](#)  
**To:** [Coley, Simon J EMPR:EX](#)  
**Cc:** [Graham, Mark EMPR:EX](#); [Short, Charles J FLNR:EX](#); [Johnston, Heather M EMPR:EX](#); [Worsley, Kristin E FLNR:EX](#)  
**Subject:** Metlakatla meeting  
**Date:** September 17, 2020 10:29:53 AM  
**Attachments:** [Draft Bullets - Metlakatla Meeting.msg](#)  
[image001.jpg](#)

---

Hi Simon,

In advance of our meeting this afternoon with MIRR, I've attached the draft bullets we put together regarding this issue. Below is a draft response email (thank you Heather!) to help set up a meeting with Met, focusing on the collaborative stewardship issues (while still acknowledging their broader concerns).

Please let me know if there is anything else you would like in advance of the call.

*Hello Harold,*

*Thank you for your August 28, 2020 letter responding to mine regarding the work of Metlakatla as part of the Environmental Stewardship Initiative (ESI) and the Marine Plan Partnership (MaPP). It was reassuring to hear that Metlakatla recognizes the value of both initiatives although I understand there are ongoing concerns Metlakatla would like to discuss regarding the potential impacts of these types of collaborative projects on claims to Rights and Title in the Prince Rupert Harbour. I recognize this is complex issue with impacts beyond the implementation of ESI and MaPP that will require the involvement of provincial leadership from multiple ministries and I expect those discussions will continue at the treaty table. I would be happy to participate in a future treaty meeting to discuss collaborative stewardship if that would be desired.*

*In the meantime, I suggest we proceed with a meeting as described in my letter of August 13, 2020 to discuss how best to empower the ESI/MaPP forums to continue the good work in the remaining six months of the ESI mandate and to inform the development of the future of collaborative stewardship on the North Coast. We also need to discuss the outstanding ESI capacity funding agreement for Metlakatla's 2020/21 participation in North Coast ESI in light of these unresolved concerns.*

*To that end, I propose the following options for a virtual meeting between Metlakatla Governing Council, myself and Craig: [week of Sept 21 and week of Sept. 28].*

Best,



**James Prsala**  
Director, Environmental Stewardship Initiative Branch  
Ministry of Energy, Mines and Petroleum Resources  
Phone: 778-698-7290



**From:** [Prsala, James EMPR:EX](#)  
**To:** [Coley, Simon J EMPR:EX](#)  
**Cc:** [Graham, Mark EMPR:EX](#); [Short, Charles J FLNR:EX](#); [Worsley, Kristin E FLNR:EX](#); [Johnston, Heather M EMPR:EX](#)  
**Subject:** Draft Bullets - Metlakatla Meeting  
**Date:** September 2, 2020 2:29:00 PM  
**Attachments:** [image001.jpg](#)

---

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- August 17<sup>th</sup>, RSF convened a call to discuss Field Program. Metlakatla continued to maintain their position. Other RSF First Nations expressed concern with Metlakatla's approach, and Province's willingness to discuss what they considered to be "non-issues." RSF member First Nations indicated willingness to "walk away" should RSF decisions regarding Field Program not be upheld.
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  - Negative impact to rights and title are subsequently affecting "reconciliation, Treaty, marine use planning and economic development negotiations.
  - Lack of meaningful engagement regarding the March 2018 correspondence.
- Ultimately Metlakatla wants to find a path forward where we can meaningfully work together without eroding their rights and title.

#### ESI/MaPP response to date:

- The Province has attempted to address Metlakatla's concerns as follows:
  - Included and highlighted the non-derogation language in enabling agreements.
  - The Regional Stewardship Forum (RSF) has agreed to collaboratively re-work the terms of reference and decision making structure to address Metlakatla's concerns around being "overruled" on decisions related to work in their asserted territory, following March 2021 should ESI's mandate be extended.
  - In January 2020 the RSF endorsed an "interim dispute resolution" policy that would allow Metlakatla to have concerns addressed in scenarios where they dispute an RSF decision and said decision contravenes one of ESI's foundational principles. To date, this dispute resolution policy has not been utilized.
  - NCSFNSS has continued to operate in a non-representative capacity, taking on a solely administrative function. Each First Nation is now fully self-represented in both MaPP and ESI.

#### Recommended Next Steps:

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- Push for the following meeting outcomes:
  - Seek to better understand Metlakatla's views on potential impact to rights and title.
  - Seek clarity on Metlakatla's role in collaborative stewardship going forward.

Best,



**James Prsala**

Director, Environmental Stewardship Initiative Branch  
Ministry of Energy, Mines and Petroleum Resources  
Phone: 778-698-7290

**From:** [Mah-Paulson, May EMLI:EX](#)  
**To:** [Mihlar, Fazil EMLI:EX](#)  
**Cc:** [Jang, Monica EMLI:EX](#); [Coley, Simon J EMLI:EX](#)  
**Subject:** FW: Cedar LNG - NDA and Communications Protocol  
**Date:** March 15, 2021 5:06:52 PM  
**Attachments:** [20210310 - Communications Protocol MEMLI and Cedar LNG.pdf](#)  
[NDA - Cedar LNG BC Govt.pdf](#)

---

Hi Fazil – Simon asked to be copied on this, so I have pulled it out of eApps into an email instead.

s.13

Thanks,

May

**May Mah-Paulson, P.Eng.**

Assistant Deputy Minister | Oil and Gas Division  
Ministry of Energy, Mines and Low Carbon Innovation  
(P) 778.698.9691  
(C) 250.361.6589

Page 083 of 154 to/à Page 092 of 154

Withheld pursuant to/removed as

s.12 ; s.21

Page 093 of 154 to/à Page 111 of 154

Withheld pursuant to/removed as

s.14

**MINISTRY OF ENERGY, MINES AND LOW CARBON INNOVATION**

**BRIEFING NOTE FOR INFORMATION**

**PREPARED FOR:** Honourable Bruce Ralston, Minister of Energy, Mines and Low Carbon Innovation

**ISSUE:** Meeting with Chief Crystal Smith - Haisla Nation

**BACKGROUND:**

The Cedar LNG project is a proposed Liquefied Natural Gas (LNG) facility and export terminal located in Kitimat, British Columbia (BC) within the traditional territory of the Haisla Nation. Cedar LNG is located on Haisla-owned land in the Douglas Channel. The project is planned as a floating liquefaction facility that would operate with electricity from the BC Hydro grid. The project is anticipated to cost US\$2.4 billion and has an anticipated export capacity of 3 million tonnes per annum.

Cedar LNG was initially proposed by the Haisla Nation. In November 2020, the Haisla Nation approved Cedar LNG's partnership with Pacific Traverse Energy (PTE), a Vancouver-based energy infrastructure development company, and Delfin Midstream, an LNG export development company specializing in low-cost floating LNG technology. On June 8, 2021, Pembina Pipeline Corporation (Pembina) and the Haisla Nation announced their partnership on the Cedar LNG Project. Pembina will assume the equity interests currently owned by PTE and Delfin Midstream and operatorship of the Cedar LNG project going forward.

Cedar LNG would be the largest First Nation-owned infrastructure project in Canada. In an interview published in the Financial Post (June 30), Chief Smith is quoted as saying that the addition of Pembina to the team has added a lot of credibility in terms of the reality of the success of the project.

Cedar LNG entered the environmental assessment process August 2019. In January 2020, Cedar LNG was granted substitution by the federal Minister of Environment and Climate Change. This allows the project to undergo the provincial environmental assessment process to satisfy federal environmental assessment requirements. Cedar LNG was issued an export license from the Canada Energy Regulator in 2016.

Cedar LNG is working with BC Hydro to explore options to power the project with electricity from the provincial transmission grid. If grid electrification is not feasible, Cedar LNG would self-generate electricity using a gas turbine. Should the project be fully electrified, Cedar LNG's estimated greenhouse gas emissions intensity would be 0.056 tCO<sub>2</sub>e/t LNG (compared to an expected intensity of 0.15 for LNG Canada).

## DISCUSSION:

Cedar LNG hopes to make a positive Final Investment Decision (FID) in 2023 with first exports in 2027. To minimize impact to the local environment, Cedar LNG is planned as a floating liquefaction facility that would fully utilize electricity from the BC Hydro grid as the power source for the liquefaction of natural gas for export. Forecasted to cost US\$2.4 billion, the project could employ 350-500 construction workers and create 70-100 permanent operation jobs. The project would draw its feedstock gas from the Coastal Gaslink (CGL) pipeline.

Cedar LNG faces several key milestones in its project timeline that are time-sensitive and do not allow for significant schedule slippage. s.16

s.16

s.16 Consequently, Cedar LNG is aiming to receive their Environmental Assessment Certificate (EAC) by late 2022 in order to make FID in 2023 and to be operational by 2027. The project is in regular contact with Ministry staff and has indicated the focus for the next three to six months will be on their commercial activities and their Environmental Assessment application process. Since the ownership change announcement in June 2021, Cedar LNG has continued to move through its environmental assessment and community engagement activities.

### Pembina

Pembina is a leading transportation and midstream service provider, owning an integrated system of pipelines that transport various hydrocarbon liquids and natural gas products produced primarily in western Canada. Pembina also owns gas gathering and processing facilities, an oil and natural gas liquids infrastructure and logistics business and is growing an export terminals business. Pembina brought a propane export terminal in Prince Rupert into service earlier this year.

Pembina has spent several years working to advance the development of the Jordan Cove LNG project in Oregon. In April 2021 Pembina announced they would pause its development to reassess the impact of recent regulatory decisions. s.21

s.21

s.21 . Pembina expects to invest US\$90 million in Cedar LNG over the next 24 months on pre-FID development costs and costs to acquire its interest in the partnership.

### Environmental Assessment and Permitting

The project is engaging with BC's Environmental Assessment Office on its EAC application following its initial project description submission in August 2019. s.21

s.21

s.21 A public comment period regarding its application information requirements is currently open until July 19, with limited comments submitted to date.

**Feedstock Gas and Connecting Pipeline**

Cedar LNG has been working with TC Energy to develop the Cedar LNG pipeline that would connect CGL to the Cedar LNG facility. This pipeline does not trigger the requirements for an EAC and all required permitting would be through the Oil and Gas Commission.

**MINISTRY RESPONSE:**

Projects such as Cedar LNG open the door to global markets for BC, while creating sustainable jobs and economic development that makes meaningful partners with Indigenous peoples. The Province is supportive of Cedar LNG as it moves through its regulatory process and commercial activities.

**DRAFTED BY:**

Alisha Chicoine, Senior  
Economist OGD

**APPROVED BY:**

Michelle Schwabe, A/ADM OGD ✓  
Fazil Mihlar, DM ✓



**From:** [Urwin, Mark EMLI:EX](#)  
**To:** [Foster, Doug FIN:EX](#); [Nulle, Grant FIN:EX](#); [Turner, Geoff J EMLI:EX](#); [Chicoine, Alisha EMLI:EX](#); [Amann-Blake, Nathaniel EMLI:EX](#); [Coley, Simon J EMLI:EX](#); [MacLaren, Les EMLI:EX](#); [Bowman, Deborah EMLI:EX](#); [Manahan, Suzanne EMLI:EX](#); [McCarthy, Tom IRR:EX](#); [Dyck, Heinz IRR:EX](#); [Elmauer, Kai IRR:EX](#); [Smith, Alanya C WLRS:EX](#); [Leece, Robert IRR:EX](#)  
**Cc:** [Dann, Oliver EMLI:EX](#); [Leinweber, Rachelle R WLRS:EX](#); [Courtnall, Andrea EMLI:EX](#); [Andrews, Sarah EMLI:EX](#)  
**Subject:** Postponing the Meetings with Cedar LNG  
**Date:** May 3, 2022 6:34:58 PM  
**Attachments:** [Cedar LNG - Overview Presentation to Government - May 4&5 2022.pdf](#)  
**Importance:** High

---

Good evening everyone,

s.22 many of the group from Cedar LNG have had to postpone their travel at the last minute. They were intending on spending two days here in Victoria, the first with each of us and the second with many of our Ministers...and are now hoping to re-book both for early in June (stay tuned).

Apologies for the last minute cancelation and thank you once again for setting aside the time to meet with Cedar LNG this week.

As a bit of a preview of the meeting we'll be re-booking in June I've included the presentation they had intended to give tomorrow for your information.

If you have any questions in the interim, please do not hesitate to give me a call.

Best Regards,  
Mark

Page 116 of 154 to/à Page 127 of 154

Withheld pursuant to/removed as

s.21

**From:** [Noble, Heather EMLI:EX](#)  
**To:** [Coley, Simon J EMLI:EX](#); [Beaton, Emmy EMLI:EX](#)  
**Subject:** Cedar LNG/ EMLI Meeting Notes July 21, 2022  
**Date:** July 22, 2022 8:15:11 AM  
**Attachments:** [AGENDA - Cedar LNG EMLI July 2022.docx](#)  
[Cedar LNG - Overview Presentation to Government - July 2022 V2.pdf](#)

---

Hi,

I attended this meeting on Simon's behalf. The agenda and presentation are attached.

Attendance:

Cedar LNG: Tony Brady (Director Business Development); Michael Eddy (Director of External Affairs); Justin Smith (Manager of Government Relations)

EMLI: Deborah Bowman; Suzanne Manahan; Amy Sopinka; Mark Urwin; Heather Noble

Presentation Highlights:

- The Haisla Nation is leading Cedar LNG in partnership with Pembina. It will be the first Indigenous-majority owned LNG export facility in Canada.
- Alignments with Net Zero Plan and use of offset credits.
- Little environmental impact as it will use existing CGL pipeline, will utilize a floating LNG facility and only require 8 km of new transmission line to connect to BC Hydro's grid.
- Indigenous engagement has occurred with Haisla and the 5 other Coastal Nations. Main concerns is with respect to shipping. Working on agreements with all Coastal nations.
- Provides a significant annual investment in BC, increase in provincial GDP, tax credit and royalty returns.
- Delivers jobs and training opportunities for Indigenous and local communities (up to 500 construction jobs and 100 long-term jobs).
- EA Certificate decision expected November 2022.
- Due to agreement for use of CGL pipeline, EAC, permits etc are required by the end of 2022 for financial decision to be made Q1 of 2023.
- Will reach out for additional meetings to seek understanding of how to garnish provincial support for project.

---

**From:** Coley, Simon J EMLI:EX <Simon.Coley@gov.bc.ca>  
**Sent:** July 20, 2022 10:27 PM  
**To:** Noble, Heather EMLI:EX <Heather.Noble@gov.bc.ca>; Beaton, Emmy EMLI:EX <Emmy.Beaton@gov.bc.ca>  
**Subject:** Fwd: AGENDA - Cedar LNG EMLI July 2022

Fyi

Simon Coley

Assistant Deputy Minister  
Strategic and Indigenous Affairs Division / Ministry of Energy, Mines and Low Carbon  
Innovation  
Office: 778-698-7176 / Cell: 250-507-6585 / Fax: 250-952-0269

---

**From:** Urwin, Mark EMLI:EX <[Mark.Urwin@gov.bc.ca](mailto:Mark.Urwin@gov.bc.ca)>

**Sent:** Wednesday, July 20, 2022 4:20:09 PM

**To:** Amann-Blake, Nathaniel EMLI:EX <[Nathaniel.Amann-Blake@gov.bc.ca](mailto:Nathaniel.Amann-Blake@gov.bc.ca)>; Bowman, Deborah EMLI:EX <[Deborah.Bowman@gov.bc.ca](mailto:Deborah.Bowman@gov.bc.ca)>; Manahan, Suzanne EMLI:EX <[Suzanne.Manahan@gov.bc.ca](mailto:Suzanne.Manahan@gov.bc.ca)>; MacLaren, Les EMLI:EX <[Les.MacLaren@gov.bc.ca](mailto:Les.MacLaren@gov.bc.ca)>; Coley, Simon J EMLI:EX <[Simon.Coley@gov.bc.ca](mailto:Simon.Coley@gov.bc.ca)>

**Cc:** Tubb, Danielle D EMLI:EX <[Danielle.Tubb@gov.bc.ca](mailto:Danielle.Tubb@gov.bc.ca)>; Courtnall, Andrea EMLI:EX <[Andrea.Courtnall@gov.bc.ca](mailto:Andrea.Courtnall@gov.bc.ca)>; Sopinka, Amy EMLI:EX <[Amy.Sopinka@gov.bc.ca](mailto:Amy.Sopinka@gov.bc.ca)>; West, Michele L EMLI:EX <[Michele.West@gov.bc.ca](mailto:Michele.West@gov.bc.ca)>; Kumar, Devender EMLI:EX <[Devender.Kumar@gov.bc.ca](mailto:Devender.Kumar@gov.bc.ca)>

**Subject:** AGENDA - Cedar LNG EMLI July 2022

Good afternoon,

Brief agenda and materials for our meeting tomorrow with Cedar LNG.

Mark

# AGENDA

## **Cedar LNG / EMLI**

### ***Project Overview / Update and Discussion***

**21 July 2022**

**10:30am – 11:30am Pacific Standard Time**

#### **Cedar LNG**

Tony Brady (Director Business Development)

Michael Eddy (Director of External Affairs)

Justin Smith (Manager of Government Relations)

#### **Attendees:**

#### **Ministry of Energy, Mines and Low Carbon Innovation**

Simon Coley (Assistant Deputy Minister, SIAD)

Deborah Bowman (Assistant Deputy Minister, LNGCIS)

Suzanne Manahan (Executive Lead, WIG)

Amy Sopinka (a/Executive Director, Electricity Policy)

Mark Urwin (Director, Oil and Gas Division)

**Location:** MS Teams Meeting

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#### **Agenda**

- 1. Welcome & Introductions (Mark Urwin)**
  - 2. Project Overview / Update (Cedar LNG)**
  - 3. Discussion (All)**
  - 4. Adjournment and next steps**
- 

#### **Additional Instruction:**

Contact Person: Mark Urwin (778-677-5293)

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## GITXAALA NATION

11 Ocean Drive, Kitkatla, BC V0V 1C0  
Phone: (250) 848-2214 Fax: (250) 848-2238  
www.gitxaalanation.com

October 21, 2022

Honourable George Heyman  
Minister of Environment and Climate Change Strategy  
PO Box 9047 Stn Prov Gov  
Victoria, BC V8W 9E2

Honourable Bruce Ralston  
Minister of Energy, Mines and Low Carbon Innovation  
PO Box 9060 Stn Prov Govt  
Victoria, BC V8W 9E2

**Emailed to [ENV.Minister@gov.bc.ca](mailto:ENV.Minister@gov.bc.ca) and [EMPR.Minister@gov.bc.ca](mailto:EMPR.Minister@gov.bc.ca)**

Dear Minister Heyman and Minister Ralston:

### **Re: Cedar LNG Application for Environmental Assessment Certificate**

As the Elected Chief of the Gitxaala Nation, I am writing to you today regarding the opportunity set out in s. 12.2.13 of the Section 11 Order for the Cedar LNG Project (the Project) for the Nation to provide a submission on whether Gitxaala Nation consents or does not consent to the issuance of an Environmental Assessment Certificate (EAC) for the Project.

I understand the EAO requested this submission by today, October 21<sup>st</sup>, 2022, to meet the EAO's anticipated timing to refer decision materials to yourselves and to the Impact Assessment Agency of Canada (IAAC) on November 1<sup>st</sup>, 2022. This letter serves as this submission and highlights the primary outstanding concern Gitxaala Nation has with the EAO-led substituted review of the Project, which is that consultation with Gitxaala Nation is incomplete. In our view this situation has essentially nullified the ability of Gitxaala leadership to make a free, prior and informed decision regarding the issuance of an EAC for the Project *at this time*.

I am referring specifically to the consultation process with federal regulators on the federal conditions that would be imposed on this substituted Project. This consultation is not yet complete. My staff have advised that today is also the deadline from IAAC for written comments on the draft federal conditions, and in keeping with the appropriate standards of consultation, Gitxaala expects there will be a formal response from IAAC to that submission. We are aware of the jurisdictional complexities in the marine environment, however in light of the fact that this is a substituted impact assessment review process, we understand the provincial and federal governments each retain responsibility to ensure that the duty to consult and, where appropriate, accommodate has been satisfied. As such, Gitxaala does not understand how the EAO can justify expecting a notification of consent (or non-consent) from



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[www.gitxaalanation.com](http://www.gitxaalanation.com)

Indigenous Nations while consultation with those Nations on the mitigation of critical Project activities, i.e., marine shipping of LNG, are incomplete. In our view, until the Crown's consultation process is completed, the Crown has not yet fulfilled its legal obligations to consult and accommodate Gitxaala Nation in respect of the issuance of an EAC for the Project.

This is a grave concern for Gitxaala, as the approval and subsequent operation of the Project has the potential to severely adversely impact Gitxaala Nation's territory and unjustifiably infringe our constitutionally-protected rights, including our Aboriginal title and governance rights. This is particularly relevant for Gitxaala in the context of the direct and cumulative impacts of increased marine shipping from the Project in combination within the previously-approved LNG Canada Project, which has the same shipping route. As the LNG Canada Project has not yet begun operations, Gitxaala Nation has yet to feel the effects of the increased marine shipping from LNG Canada, and we remain deeply concerned about the impact of adding more LNG carriers to the identical shipping route. In the specific case of the Project, I note Gitxaala Nation was not satisfied with the assessment of the cumulative effects of shipping included by the EAO in their Assessment. Due to the current status of consultation, the Nation remains uncertain about how the effects of the Project-related shipping, carried out by third party shippers, would be monitored and managed if the Project were approved.

As you are aware, the shipping route for the Project passes through a central portion of the unceded territory of Gitxaala Nation that has been our home and provided for our Nation for thousands of years. There are Gitxaala house territories and named places throughout the broader Gitxaala territory from Prince Rupert Harbour to the south end of Aristazabal Island, including many within the proposed shipping route for the Project. Gitxaala have laws, or *ayaawx*, that are passed down through generations and provide the basis for how Gitxaala interact with and manage the territory and its resources and ensure the territory will be sustainable for generations to come. Respect and recognition of Gitxaala jurisdiction and *ayaawx* is fundamental to enabling free, prior and informed consent decision-making for proposed and ongoing industrial development in our territory. Without a clear understanding of how the predicted direct and cumulative effects from the Project's marine transport and shipping will be monitored and managed, Gitxaala Nation leadership cannot make a truly informed decision to issue a notification of consent or non-consent on the issuance of an EAC for the Project.

I understand that the concerns set out in this letter have been raised at every stage of the Project's review by Gitxaala Territorial Management Agency staff who have been participating in the working group and coordinating consultation activities on behalf of the Nation. I also understand there were no attempts by the EAO to adjust the process to resolve these concerns in anticipation of the situation we now find ourselves in.





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In conclusion, Gitxaala Nation is disturbed by how the EAO has managed the Crown's consultation obligations for the Project. Particularly how the EAO-led assessment process failed to enable a decision of free, prior and informed consent by Gitxaala leadership regarding the Province's decision of whether to approve the Project via the issuance of a certificate under s. 29(4) of the *Environmental Assessment Act, 2018*. As such Gitxaala Nation is unable to provide its free, prior, and informed consent to the issuance of an EAC at this time.

As a next step, Gitxaala is requesting a meeting with Canada and BC to discuss how our outstanding concerns relating to the impacts from the marine shipping component of the Project can be addressed.

Please contact Samantha Wagner ([regaffairs.gtma@gitxaalanation.com](mailto:regaffairs.gtma@gitxaalanation.com)) or Heather Johnston ([iao.gtma@gitxaalanation.com](mailto:iao.gtma@gitxaalanation.com)) to arrange for a meeting.

Regards,

Chief Linda Innes  
Gitxaala Nation

cc: Bruce Watkinson ([director.gtma@gitxaalanation.com](mailto:director.gtma@gitxaalanation.com)), GTMA  
Sam Wagner ([regaffairs.gtma@gitxaalanation.com](mailto:regaffairs.gtma@gitxaalanation.com)), Heather Johnston ([iao.gtma@gitxaalanation.com](mailto:iao.gtma@gitxaalanation.com))  
Edwin Hubert ([edwin.hubert@gov.bc.ca](mailto:edwin.hubert@gov.bc.ca)), Jessica Harris ([jessica.harris@gov.bc.ca](mailto:jessica.harris@gov.bc.ca)), EAO  
Sherry Yang ([sherry.yang@iaac-aeic.gc.ca](mailto:sherry.yang@iaac-aeic.gc.ca)), Nicola Cook ([nicola.cook@iaac-aeic.gc.ca](mailto:nicola.cook@iaac-aeic.gc.ca)), IAAC



## WITHOUT PREJUDICE

November 7<sup>th</sup>, 2022,

Via email

Honourable George Heyman  
Minister of Environment and Climate Change Strategy  
[ENV.Minister@gov.bc.ca](mailto:ENV.Minister@gov.bc.ca)

Honourable Bruce Ralston  
Minister of Energy, Mines and Petroleum Resources  
[MLI.Minister@gov.bc.ca](mailto:MLI.Minister@gov.bc.ca)

Honourable Murray Rankin  
Minister of Indigenous Relations and Reconciliation  
[IRR.Minister@gov.bc.ca](mailto:IRR.Minister@gov.bc.ca)

Honourable Steven Guilbeault  
Minister of Environment and Climate Change of Canada  
[ministre-minister@ec.gc.ca](mailto:ministre-minister@ec.gc.ca)

Honourable Omar Alghabra  
Minister of Transport Canada  
[TC.MinisterofTransport-MinistredesTransports.TC@tc.gc.ca](mailto:TC.MinisterofTransport-MinistredesTransports.TC@tc.gc.ca)

Dear Ministers:

### **Re: Cedar LNG Project Environmental Assessment Certificate Decision – Kitsumkalum First Nation Withholding Consent**

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Kitsumkalum First Nation (Kitsumkalum) submits this letter to both the Provincial and Federal Ministers with authority under the Environmental Assessment process for the proposed Cedar LNG Project, in Kitimat, BC.

Provincial and Federal Governments and proponents need to understand that the coastal waters of BC are a resource that our culture, our members and our way of life depend on, and that Kitsumkalum never ceded ownership of. The Cedar LNG Project is just one of several recent projects that will result in



increased shipping traffic, increased shipping of dangerous goods and the addition of a new types of vessels to transport liquified natural gas (LNG).

For the past 10 years, since large scale projects like LNG and petroleum product export facilities started showing up at our doorstep, Kitsumkalum has requested that marine shipping and ground (rail) transportation of materials be part of the environmental assessment. We have also continuously stated that cumulative effects are not adequately addressed in an environmental assessment, especially in the context of the ever increasing marine and rail traffic. We have been told over and over again by Canada and BC that land transportation is not in the scope of environmental assessments and that effects of shipping are narrowly scoped.

From the development of oil and gas in eastern BC, to the delivery of product through pipelines or by rail, to the liquification facilities and storage of the product, to the marine shipping of product overseas there are risks to environmental and cultural values. For Kitsumkalum the greatest risk lies in the potential loss and destruction of our way of life should a shipping incident occur. The federal processes to mitigate risks to the marine environment and to accommodate resource owners, should a spill or incident occur, are inadequate to non-existing.

Kitsumkalum actively participated in the environmental assessment process and put forward multiple concerns and impacts, the most important one being the risk associated with the marine shipping. However, these concerns went unaddressed by both the provincial and federal representatives.

Although Cedar LNG Project is suggesting mitigation to offset risks in the marine environment associated with marine shipping accidents and malfunctions, this is wholly insufficient to address Kitsumkalum's concerns. Furthermore, Cedar LNG does not have 'care and control' over the ships or shipping activities associated with their product. This is an example of the gap in regulatory jurisdiction, the uncertainty of the risks, and the lack of line of sight should an incident occur that puts our resource at risk.

Both BC and Canada continue to pass the buck to the other citing it's not within their scope/jurisdiction. Passing the buck is not an acceptable response. Similarly, regulatory gaps are not an excuse to avoid discharging the duty to consult and accommodate. The duty owed to Kitsumkalum is not restricted by legislation, and we remind you that the duty is owed by the Crown. Referring us to the proponent is not appropriate in this circumstance. This is a fundamental flaw within the existing assessment processes and it is the obligation of the Crown to address this. Otherwise, the duty to consult and accommodate cannot possibly be met. We also note that this assessment process, and the potential for the federal and provincial government to issue a positive decision despite Kitsumkalum's lack of consent is entirely at odds with the *United Nations Declaration on the Rights of Indigenous Peoples*, and the associated enactments by both BC and Canada.



First Nations and coastal residents are bearing all the risk of projects such as Cedar LNG and their shipping activities but are not receiving adequate benefits for the use of their resource (the ocean). As we have seen with shipping accidents over the past years, the north coast is not ready to deal with accidents, spills and ships sinking. Long distances for response, extreme weather events, inadequate marine equipment and lack of proximity of that equipment, and constricted inlets and shipping routes all add to the difficulties in responding to shipping incidents.

Kitsumkalum cannot give consent to another project with high-risk shipping activities without the federal government first addressing these outstanding issues. There needs to be clear mandate and direction to ensure that impacts associated with the care and control of vessels, their cargo for line of sight to compliance, enforcement and accommodation when an incident occurs are identified, assessed and appropriately addressed, as well as an assessment and gaps analysis of the emergency response capacity on the north coast of BC is required.

We wish to be clear that while Kitsumkalum commends the Haisla Nation for their vision, and we acknowledge that we are working with the proponent towards a mutually beneficial relationship, at this time, with the outstanding issues and impacts to our s. 35 Title and Rights unaddressed, we cannot support this project being issued a positive Environmental Certificate Decision.

We are seeking a meeting with provincial and federal officials with authority to address these issues prior to any decision on the project being made. Please have your office contact Rina Gemeinhardt at: [RGemeinhardt@kitsumkalum.com](mailto:RGemeinhardt@kitsumkalum.com) to schedule same.

Nt'oyaxsn (Thank you),

Don Roberts  
Chief Councillor, Kitsumkalum  
Sm'oogyit Wiidildal, Waap (House of) Lagaax  
[drobot@kitsumkalum.com](mailto:drobot@kitsumkalum.com)

cc: Crystal Smith, Chief Councilor, Haisla Nation, [csmith@haisla.ca](mailto:csmith@haisla.ca)  
Steve Roberts, Kitsumkalum Band Manager, [sroberts@kitsumkalum.com](mailto:sroberts@kitsumkalum.com)  
Alex Bolton/Sm'oogyit Hataxgm Lii Mideek, Waap (House of) Lagaax, Treaty Negotiations,  
[kalum.treaty@kitsumkalum.com](mailto:kalum.treaty@kitsumkalum.com)



Rina Gemeinhardt, Manager Lands, Environment & Referrals, Kitsumkalum,  
[RGemeinhardt@kitsumkalum.com](mailto:RGemeinhardt@kitsumkalum.com)

Suzanne L'Heureux, Transport Canada, [Suzanne.lheureux@tc.gc.ca](mailto:Suzanne.lheureux@tc.gc.ca)

Mike Eddy, Cedar LNG, [meddy@pembina.com](mailto:meddy@pembina.com)

Edwin Hubert, EAO, [Edwin.Hubert@gov.bc.ca](mailto:Edwin.Hubert@gov.bc.ca)  
[projects@kitsumkalum.com](mailto:projects@kitsumkalum.com)

**From:** Rina Gemeinhardt  
**To:** Minister, ENV ENV:EX; Minister, IRR IRR:EX; Minister, EMLI EMLI:EX  
**Cc:** Steve Roberts; Don Roberts; Projects User; Jen Hill; Yang, Sherry (IAAC/AEIC); Harris, Jessica EAO:EX; Hubert, Edwin EAO:EX; [terence.hubbard@iaac-aeic.gc.ca](mailto:terence.hubbard@iaac-aeic.gc.ca); Rina Gemeinhardt; Michael Eddy - Pembina; Alex Bolton  
**Subject:** 117663 - Request to meet re:Cedar LNG EA certificate  
**Date:** December 15, 2022 1:06:16 PM  
**Attachments:** [image003.png](#)  
[Kitsumkalum EAO letter Dec 15 22.pdf](#)

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**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Dear Ministers, please find attached Kitsumkalum's letter regarding the EAO certificate for Cedar LNG.

Please call if you have any questions.

Rina Gemeinhardt, RPF, ROWP  
Environment, Lands and Referrals  
Telephone: 250-635-5000 Ext 117  
Cell phone: 250-641-9517



Kitsumkalum Indian Band  
An Original Tribe of the Tsimshian Nation



December 14, 2022

Honorable George Heyman  
Minister of Environment

Via email: [Env.minister@gov.bc.ca](mailto:Env.minister@gov.bc.ca)  
[irr.minister@gov.bc.ca](mailto:irr.minister@gov.bc.ca)  
[empr.minister@gov.bc.ca](mailto:empr.minister@gov.bc.ca)

Honorable Murray Rankin  
Minister of Indigenous Relations and Reconciliation

Honourable Josie Osborne  
Minister of Energy, Mines and Low Carbon Innovation

Dear Ministers Heyman, Rankin and Osborne:

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**Re: Cedar LNG EA Certificate**

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I am writing to confirm the position of Kitsumkalum on the application for an Environmental Assessment Certificate (EAC) for the Cedar LNG Project (Project).

Our Nation supports Haisla Nation pursuing the Project as part of its broader objectives for economic development within its territory. We have had productive discussions with Cedar LNG toward a mutually beneficial agreement in respect of the Project. We anticipate being in a position to confirm our full consent to the Project upon conclusion of a definitive agreement with Cedar LNG early in the new year.

Accordingly, Kitsumkalum does not object to the issuance of the EAC for the Project at this time.

We nevertheless wish to highlight and reiterate our continuing concerns about the approach taken by the provincial and federal governments to the environmental assessment processes, in particular the failure of the Crown to engage meaningfully in relation to unmitigated residual and cumulative impacts on our Nation's aboriginal rights. While we note the bilateral commitments made by Cedar LNG, these issues are broader than a single proponent or project. In order for the Kitsumkalum Nation to continue supporting development of major projects in the North Coast, it is critical that Canada and British Columbia take meaningful actions to address these matters in collaboration with our Nation.

Especially critical to Kitsumkalum is the safety and health of our coastal and marine resources, which we depend on for food, feasts and economic reasons. Indeed, the survival of our culture is dependent on our continued use and access to our marine resources. As such, we must ensure the safety and health of our coastal waters.

We have continuously voiced our concern with the failure of the Provincial and Federal environmental assessment processes to appropriately scope the transportation of project products by rail, road and



marine shipping to ensure the impacts are properly understood. We, along with our neighboring Nations, have been advocating that we cannot meaningfully consider, assess or be accommodated for impacts to our section 35 rights without considering the effects of marine shipping and/or the transportation of dangerous goods associated with these projects. Furthermore, the cumulative effects of the ever-increasing marine shipping and the dangerous goods transported need to be assessed. For example, we have long been requesting a gap analysis for the marine emergency response capacity and requesting assurance that marine shipping incidents liabilities legislation will indeed account for and compensate for any marine shipping incidents on the North Coast. It is not appropriate for project proponents, BC and Canada to avoid responsibility and accountability to Indigenous Peoples with respect to these critically important issues. To confirm, because we support Haisla Nation pursuing this Project, we do not oppose the issuance of the EAC. However, we wish to be clear that our non-objection is not to be misconstrued as Kitsumkalum Nation recognizing that the environmental assessment process for the Project was comprehensive.

We request a leadership meeting with you to discuss how we can work towards improving the EA process and to address our concerns. We look forward to meeting with Mr. Hubbard from IAAC to do the same. In the meantime, if you have any questions or comments, please contact myself as well as Rina Gemeinhardt, 250-641-9517 or [rgemeinhardt@kitsumkalum.com](mailto:rgemeinhardt@kitsumkalum.com).

Nt'oyaxsn (Thank you),

Don Roberts  
Sm'oogyit Wiididal, Waap (House of) Lagaax,  
Chief Councillor, Kitsumkalum Indian Band  
[droberts@kitsumkalum.com](mailto:droberts@kitsumkalum.com)

cc.: Steve Roberts, Kitsumkalum Band Manager, [sroberts@kitsumkalum.com](mailto:sroberts@kitsumkalum.com)  
Alex Bolton, Sm'oogyit Hataxgm Lii Mideek, Waap (House of) Lagaax, Treaty Negotiations,  
[kalum.treaty@kitsumkalum.com](mailto:kalum.treaty@kitsumkalum.com)  
Jennifer Hill, BRLaw, [jennifer@brlaw.ca](mailto:jennifer@brlaw.ca)  
Sherry Yang, IAAC, [sherry.yang@iaac-aeic.gc.ca](mailto:sherry.yang@iaac-aeic.gc.ca)  
Jessica Harris, EAO, [Jessica.harris@gov.bc.ca](mailto:Jessica.harris@gov.bc.ca)  
Edwin Hubert, EAO, [Edwin.hubert@gov.bc.ca](mailto:Edwin.hubert@gov.bc.ca)  
Terence Hubbard, President, IAAC, [Terence.hubbard@iaac-aeic.gc.ca](mailto:Terence.hubbard@iaac-aeic.gc.ca)  
Rina Gemeinhardt, Manager, Environment, Lands and Referrals Department,  
[rgemeinhardt@kitsumkalum.com](mailto:rgemeinhardt@kitsumkalum.com)