



**VISUAL
SCIENCE**

ISSUES WITH EA PROCESS:

**RECOMMENDATIONS TO MAKE
PUBLIC ENGAGEMENT MEANINGFUL
AND RESTORE PUBLIC TRUST**

Tracey Saxby

December 11th 2016

I would like to thank you for the opportunity to present to you today, and to help inform this review of CEAA 2012. As a little background, I have the equivalent of a masters in marine science, and I work as a visual science communication consultant for universities, governments, and organizations around the world. Over the last few years I have personally participated in the environmental assessments for several different projects, including Garibaldi at Squamish, Woodfibre LNG, Pacific Northwest LNG, and the Burnco gravel mine. From these experiences I have come to the conclusion that the existing Environmental Assessment process is completely broken. Today I will be speaking to a few of these key issues, and make some recommendations on how to make public engagement meaningful and restore public trust in this process.

1

DIFFICULT FOR GENERAL PUBLIC TO ENGAGE

The screenshot shows the British Columbia Environmental Assessment Office website. At the top, there is a search bar and navigation links for "All B.C. Government" and "Environmental Assessment". The main content area is titled "Project Information Centre (e-PIC)" and features a banner for the "Bevan Avenue Wells Project". Below the banner, there is a table with project details:

Type:	Typical EA Process (Active and Complete)	Status:	Amendments
Category:	Water Management	Pre-application Start Date:	2008/04/16

Comments: The Project consists of a modification to four existing groundwater wells. The project involves the Abbotsford-Sumas aquifer, and is in response to recent low surface reservoir levels associated with peak water usage in the summer months.

Location: [List of Contacts](#) [Document Index](#)

Below the project details, there is a "Folders" section with a grid of links:

Pre-Application	Under Review	Certificate Issued	Amendments	Compliance
Aboriginal Comments/Submissions	Application and Supporting Studies	EA Certificate	Amendment - Application	Compliance Reports/Reviews
Application Terms of Release/Information Requirements	EAO Generated Documents	Documentation	Amendment Releases	Amendment to Certificate
EAO Generated Documents	Local Government Comments/Submissions	Post-Certificate Documentation	Certificate	Documentation
Notices - News Releases	Notices - News Releases	Documentation	Notices - News Releases	Documentation
Other Jurisdictions Comments/Submissions	Other Jurisdictions Comments/Submissions	Documentation	Notices - News Releases	Documentation
Proposed Comments/Correspondence	Proponent Comments/Correspondence	Documentation	Notices - News Releases	Documentation
Provincial Govt Comments/Submissions	Provincial Govt Comments/Submissions	Documentation	Notices - News Releases	Documentation
Public Comments/Submissions	Public Comments/Submissions	Documentation	Notices - News Releases	Documentation

First experience with an environmental assessment, for Garibaldi at Squamish. I had heard about the public comment period, but the BC EAO website is so difficult to navigate that I couldn't figure out how to participate. Only one of these links will take you to the right place: you have to click on "Environmental Assessment Office" on the left menu system...

NOTE: This screenshot is from a project that is currently going through a public comment period, captured 2016-12-10

1 DIFFICULT FOR GENERAL PUBLIC TO ENGAGE

The screenshot shows the website for the Environmental Assessment Office (EAO) in British Columbia. At the top left is the British Columbia logo. A search bar is located at the top right. Below the search bar is a navigation menu with links for "News", "The Premier", "Ministries", "Apply for a Job", "Bid on a Contract", and "Main Index". The main content area features a banner for the "Environmental Assessment Office" with a link to "EAO Public Comment Period Forms and Comments". Below this is a "News" section with two articles: "Approved Application Information Requirements" for the WesPac Tilbury Marine Jetty Project and "Begins Environmental Assessment Process" for the More Creek Hydroelectric Project. A left-hand navigation menu lists various categories such as "Proposed EA's", "Public Comment", "Project Information", and "Process Information".

...and the entire menu system will change to access the public comment forms...

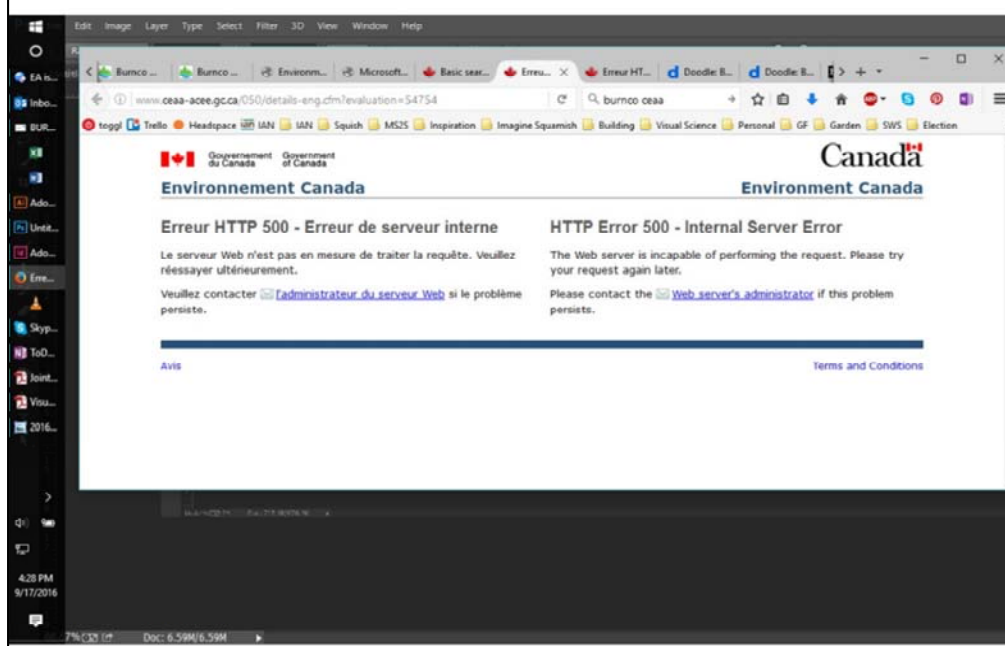
1 DIFFICULT FOR GENERAL PUBLIC TO ENGAGE

The screenshot shows the website for the Environmental Assessment Office (EAO) in British Columbia. The page is titled "Projects in the Public Consultation Process" and includes a table of current and recent projects. The table has five columns: Project, Comment Form, Posted Comments, ePIC Link, and Closing. Two projects are listed: "Bevan Avenue Wells Groundwater Supply Development Project" and "Red Mountain Underground Gold Project".

Project	Comment Form	Posted Comments	ePIC Link	Closing
Bevan Avenue Wells Groundwater Supply Development Project Public comment period on the Application for an Amendment	Form	Comments	Link to Project info	January 4, 2016
Red Mountain Underground Gold Project Public comment period on draft Application Information Requirements	CLOSED	Comments	Link to Project info	November 4, 2016

...provided that the website is working, which it often doesn't. The reason I bring up this issue is because the website is the first point of contact for many people that are trying to participate in this process.

1 DIFFICULT FOR GENERAL PUBLIC TO ENGAGE



Ease of navigation and the search functionality on the CEEA website is similarly challenging, and the website was down for an entire weekend during the recent public comment period for BURNCO gravel mine.

1 DIFFICULT FOR GENERAL PUBLIC TO ENGAGE



Recognizing how difficult it is for the general public to understand and participate in the process, when the environmental assessment for Woodfibre LNG started, I created a presentation to explain how the process works...
<https://www.youtube.com/watch?v=R1OcbSrluqQ>

1 DIFFICULT FOR GENERAL PUBLIC TO ENGAGE



We mobilized our communities to attend the open houses...

1 DIFFICULT FOR GENERAL PUBLIC TO ENGAGE

What is an Environmental Assessment?

- Decision making tool
- Aims to identify & evaluate the potential impact of a project looking at 5 different categories of values
- Required by law
- The Canadian Environmental Assessment Act, 2012
BC Environmental Assessment Act



YOU need to get involved...

- Submit comments & questions during the public comment period for Woodfibre LNG's EA
- Write to council, Jordan Sturdy & other BC ministers
- Write a letter to your local newspaper
- Talk to your friends and neighbours
- Like My Sea to Sky's facebook page and invite your friends
- Sign up for our mailing list at www.myseatosky.org
- Volunteer/Wanna help out for 2-4 hours a week?
- Donate to support what we're doing



Step by step: how to participate in the EA Process

The public comment period for Woodfibre LNG's Environmental Assessment has started. Here's what you need to do:

- 01 Download the Woodfibre LNG documents here**
http://a100.gov.bc.ca/appsdata/epic/html/dep/epic_project_doc_list_408_p_pro.html
- 02 Read the following two documents**
→ Revised Project Description
→ Valued Component Selection Document
- 03 Submit your comments & questions by July 11th**
http://www.eao.gov.bc.ca/pqp/forms/woodfibre_lng_form.html
Input at this stage needs to focus on what needs to be studied to evaluate the potential impacts of the project. For example, how will this project impact existing industries and businesses? Or how will underwater noise affect herring, salmon, and marine mammals? What studies need to be done to determine what these impacts will be?
Think about what is missing from the draft values and what has been excluded. Ask for studies on things that you value.
- 04 Questions? Contact the BC Environmental Assessment office**
If you have any questions, contact Josh Handysides, the Project Assessment Manager for both the Woodfibre LNG project, and the Fortis BC pipeline from Eagle Mountain to Coquitlam.
Email: jesh.handysides@gov.bc.ca
Phone: (250) 356-7483

My Sea to Sky is forming a Citizen's Working Group to review these documents and help people to understand and respond to the Valued Component Selection Document. Go to www.myseatosky.org to access the information and links above in one place, and sign up for our mailing list to stay informed.

... and created a handout with instructions to help people to participate in the process.

1 DIFFICULT FOR GENERAL PUBLIC TO ENGAGE



Love Howe Sound? Help us save it.

Submit your comments on
Woodfibre LNG now.
WWW.MYSEATOSKY.ORG

3 DAYS LEFT



Love our estuary? Help us save it.

Submit your comments on
FortisBC's pipeline now.
WWW.MYSEATOSKY.ORG

**1 DAY LEFT
TILL MIDNIGHT
27TH MARCH**



We created a social media campaign to remind people to participate, and provided direct links to the public comment form...

1 DIFFICULT FOR GENERAL PUBLIC TO ENGAGE



MY SEA TO SKY

ISSUES ▾ NEWS TAKE ACTION ▾ EVENTS RESOURCES ▾ JOIN US ▾ ABOUT ▾ CONTACT

HOME > TAKE ACTION

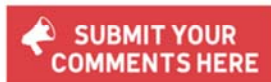
HAVE YOUR SAY ON WOODFIBRE LNG

LAST CHANCE! Deadline midnight tonight, 23rd March, 2015

Time is running out! The second public comment period for the Environmental Assessments for Woodfibre LNG is rapidly approaching its deadline. This is the last chance for you to get involved and have your say about this project.

Your input is critical! It can be as simple as stating your concerns and WHY you are opposed to the project, however, specific questions related to Woodfibre LNG's application have more weight. You can also copy and paste from the list of key concerns below. This is one of your only opportunities to hold Woodfibre LNG accountable and stop this project!

- [Submit your comments here](#) by March 23rd, 2015
- Say why you are opposed to Woodfibre LNG
- Copy and paste the key concerns below
- Share this with your friends via email and social media



... and set up a website with a list of the key issues that were compiled by a citizens working group.

1 DIFFICULT FOR GENERAL PUBLIC TO ENGAGE

OUTCOME

We submitted the most public comments for any Provincial Environmental Assessment, ever.

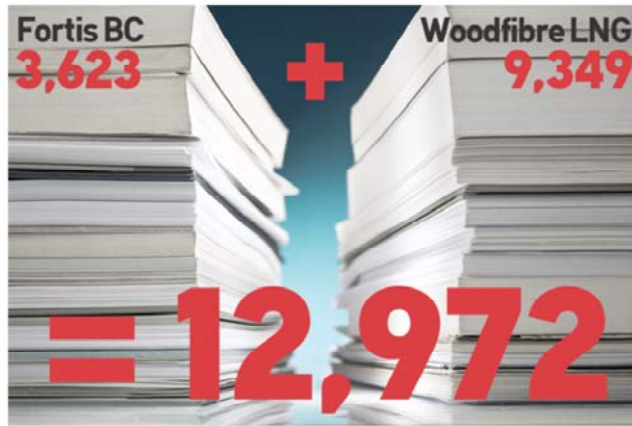


1 DIFFICULT FOR GENERAL PUBLIC TO ENGAGE RECOMMENDATIONS

- Overhaul the process to facilitate community awareness and engagement. Make it simple.
- Redesign BC EAO/CEAA websites to allow public to easily access information and comment directly from the project information page.
- Visual representation of where the project is in the EA process with simple explanations.
- One-click to download all materials for each separate public comment period.



2 INADEQUATE TIMELINES FOR REVIEW



Can you read
288 pages a day?

Reading 12,972 pages in 45 days is ridiculous.
Ask the BCEAO to give us more time to review
these applications.

TAKE ACTION



The public comment periods for the proposed FortisBC pipeline & compressor station and the proposed Woodfibre LNG project were held at the same time. These projects should have gone through a combined EA as there wouldn't be a pipeline without Woodfibre LNG, and vice versa.

2 INADEQUATE TIMELINES FOR REVIEW

Legislated timeline of providing one week's notice to advertise dates of open houses and the start of public comment periods is not adequate for meaningful public consultation.



This is a “drop everything” moment for our communities.

2 INADEQUATE TIMELINES FOR REVIEW

A recent review of the Environmental Assessment process stated that "a process that limits the time for government and stakeholders to scrutinize applications is unfair given that proponents are typically far less restricted in how long they have to assemble their applications."

Chris Joseph, Thomas Gunton, & Murray Rutherford (2015) Good practices for environmental assessment, Impact Assessment and Project Appraisal



2 INADEQUATE TIMELINES FOR REVIEW



March 1, 2016

Woodfibre LNG Project
Canadian Environmental Assessment Agency
410-701 West Georgia Street
Vancouver, British Columbia V7Y 1C6

To Whom It May Concern,

Re: Woodfibre LNG Project — Public Comments Invited

Please accept these comments from the District of Squamish as our submission to the Canadian Environmental Assessment Agency with regard to the proposed Woodfibre LNG project within our municipal boundaries. Due to the incredibly short timeframe in which to comment we are unable to complete a comprehensive submission. In lieu of this, please find the attached letter and report prepared by the District of Squamish as final comment to the Provincial Environmental Assessment Office in April, 2015.

In particular we want to highlight issues of Federal jurisdiction including impacts to fisheries and marine environments, environmental impacts and safety standards with regard to shipping and full accountability of upstream Green House Gas Emissions (GHGs).

The lack of adequate notice also impacts local government and the working group.
NEXT SLIDE

2 INADEQUATE TIMELINES FOR REVIEW



March 1, 2016

Woodfibre LNG Project
Canadian Environmental Assessment Agency
410-701 West Georgia Street
Vancouver, British Columbia V7Y 1C6

To Whom It May Concern,

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This is a letter from the District of Squamish in response to the recent CEAA public comment period on greenhouse gases. The letter, signed by Mayor Patricia Heintzman, notes that “Due to the incredibly short timeframe in which to comment we are unable to complete a comprehensive submission.” This was an issue for other communities around Howe Sound, and for members of the working group.

2 INADEQUATE TIMELINES FOR REVIEW **RECOMMENDATIONS**

- Recognize that participating in the EA process is onerous for general public + local government.
- Increase the legislated notice for open houses to 1 month.
- Increase the legislated time for public comment to a minimum of 3 months to allow for meaningful public engagement (more for larger documents).
- Avoid concurrent public comment periods.
- Avoid public comment periods over Christmas.
- Provide materials in advance and include synthesized materials from open house displays.
- Host open houses at beginning of public comment period to allow for follow-up Q's with consultants.



VISUAL SCIENCE

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE



The herring are returning to Howe Sound and they are thriving. This photograph of herring eggs on kelp was taken in February 2013 by a local citizen scientist, John Buchanan, and you can see the proposed Woodfibre LNG site in the background.

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE



When the herring return, the dolphins and whales follow. On a miserable day in March 2014, a pod of hundreds of Pacific white-sided dolphins swam into the Blind Channel in Squamish to escape the orcas that were hunting them. It was pouring rain, miserably cold, and all of Squamish came out to watch the show.

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE



And what a show! This is National Geographic on our doorstep. All of this is at risk.

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE

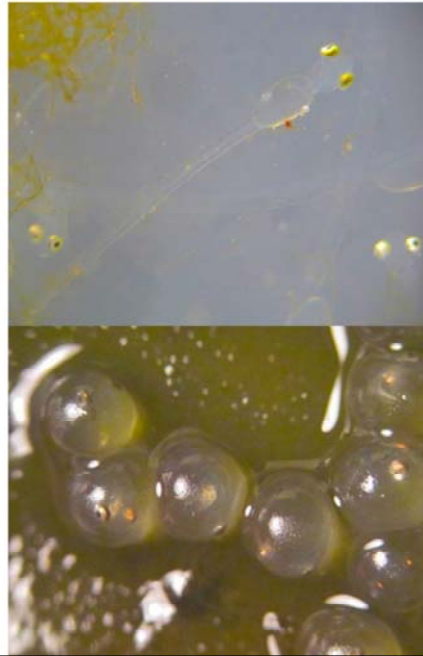


Because Woodfibre LNG proposed to use an outdated seawater cooling system to cool the onshore liquefaction plant.

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE

Fisheries and Oceans Canada (DFO) guidelines recommend industrial marine water intake pipes be located at least 2 km from documented herring spawn areas.

According to federal guidelines, marine intakes can have, “severe impacts on marine resources.” The guidelines state herring eggs and larvae are particularly vulnerable.



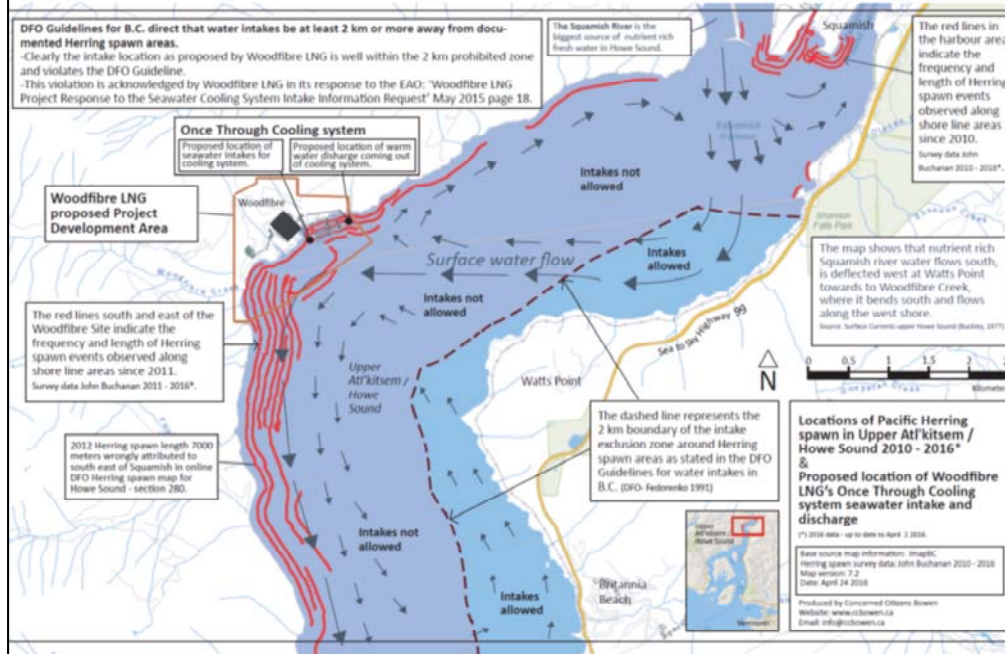
Fisheries and Oceans Canada (DFO) guidelines recommend industrial marine water intake pipes be located at least 2 km from documented herring spawn areas, as herring eggs and larvae are particularly vulnerable.

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE



Consultants paid for by the proponent couldn't find any herring either. This is not peer-reviewed science.

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE



Fortunately, local citizen scientist, John Buchanan, has been monitoring herring spawn around Howe Sound since 2010. This map was created by one of our partner organizations, Concerned Citizens Bowen. Each of the red lines on the map indicate herring spawn for each year, and you can see that herring are spawning directly at the proposed Woodfire LNG site and at other locations well within the 2 km guideline.

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE

The screenshot shows a news article on The Globe and Mail website. The article title is "Controversial Woodfibre LNG project wins 'milestone' federal approval" by Ian Bailey, published on Sunday, Mar. 20, 2016. The article text states that the company behind a controversial liquefied natural gas project near Squamish, north of Vancouver, says federal environmental approval is a "milestone" that will bolster the prospects for completing the \$1.6-billion plant, which would ship gas to markets in Asia. It also mentions that Friday's ruling by Environment Minister Catherine McKenna left some critics dismayed, wondering what can be done to block the plan and suggesting federal support is at odds with Prime Minister Justin Trudeau's...

The article includes a photo of a mountain landscape, social media sharing options (Facebook, Twitter, LinkedIn), and a list of related articles under the heading "IN THE KNOW".

Despite this lack of baseline data, and despite being made aware of the available citizen science data, Woodfibre LNG was approved by both the Provincial and Federal EA process.

<http://www.theglobeandmail.com/news/british-columbia/controversial-woodfibre-lng-project-wins-milestone-federal-approval/article29307746/>

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE

**SQUAMISH
NATION
PROCESS /**

**WOODFIBRE LNG PROJECT
UPDATE**



It was left to Squamish Nation, through their separate environmental assessment process, to hold Woodfibre LNG accountable.

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE

- | | |
|---|--|
| <p>1. The Agreement is a conditional approval of the LNG plant based on WLNG (Woodfibre LNG) meeting all 13 conditions by the Squamish Nation. If WLNG fails to meet even one condition the SN can revoke our agreement It provides legal strength for the Nation to hold WLNG to the Agreement. It legally binds WLNG to meet all conditions</p> | <p>7. WLNG must dev Management Pr Nation authority Environmental N</p> |
| <p>2. Forces WLNG to conduct further independent studies on current and alternate cooling techniques a. The Squamish Nation (SN) will have the final say on which technology gets picked. (Squamish Nation consent). b. If WLNG doesn't comply with SN decision the Nation can take Legal Action</p> | <p>8. WLNG will provid protect ALL SN r or injury due to p</p> <p>9. WLNG cannot ex Squamish Natio</p> <p>10. WLNG cannot al LNG tankers any</p> <p>11. WLNG will condu marine mamma</p> |

In their list of 25 conditions, Squamish Nation forced Woodfibre LNG to provide further information on alternative cooling techniques, and to allow Squamish Nation to make the final decision on what cooling system WLNG must use.
<http://www.squamish.net/woodfibre-nov2016/>

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE

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THE SQUAMISH CHIEF

NEWS SPORTS OPINION PHOTOS & VIDEOS LIFESTYLES COMMUNITY DISCOVER SQUAMISH SPECIAL PUBLICATIONS HOME DELIVERY FILTERS


National International

Sea-cooling system out, air-cooling system in

Squamish Nation a catalyst for change at Woodfibre LNG

JENNIFER TRANCHER / SQUAMISH CHIEF

OCTOBER 21, 2016 AT 2:04 PM



Woodfibre LNG Project
Proponent's Project Configuration

Photo: File photo

Pressure from the Squamish Nation chiefs and council has led Woodfibre LNG to change its planned cooling system for its plant on Howe Sound.

Weekly POLL

Have you even considered adopting a chief?

Yes

No

I can't even remember to feed my plant!

So, no

VOTE or view results

Popular Local News

Most Read Most Recent

What drugs are youth doing?
DECEMBER 8, 2016

Remains found downtown turn out to be those of an animal
DECEMBER 9, 2016

Police believe
DECEMBER 7, 2016

Investors snapping up Squamish real estate
DECEMBER 1, 2016

Arctic offshore warning issued for Squamish
DECEMBER 7, 2016

Squamish Nation recently announced that they have chosen air-cooling system. This is shameful that Squamish Nation's process is more comprehensive than the Provincial and Federal environmental assessment. This example really highlights the inadequacy of the EA process to review proponent-supplied science.

<http://www.squamishchief.com/news/local-news/sea-cooling-system-out-air-cooling-system-in-1.2371049>

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE

TV RADIO NEWS SPORTS MUSIC LIFE ARTS LOCAL MORE WATCH LISTEN LOG IN


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Canada BC

Young scientists pen letter to Trudeau urging environmental assessment overhaul

More than 1,300 early-career scientists call for 'higher bar,' more transparency
By Lisa Johnson, CBC News Posted: Nov 14, 2016 9:01 PM PT | Last Updated: Nov 15, 2016 10:23 AM PT



"We are concerned that current environmental assessments... lack scientific rigour, with significant consequences for the health and environment of all Canadians"

While Prime Minister Justin Trudeau has been hailed by the scientific community for some of his policies, young researchers are calling on the government to be more transparent in its environmental assessment process. (Adam Scott/PHO)

This issue applies to all recent EAs, with 1,300 young scientists urging PM Trudeau to overhaul the EA process as “We are concerned that current environmental assessments lack scientific rigour, with significant consequences for the health and environment of all Canadians.”

<http://www.cbc.ca/news/canada/british-columbia/young-scientists-letter-trudeau-1.3850583>


3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE

THE GLOBE AND MAIL

Home News Opinion Business Investing Sports Life Arts Tech




National Politics **British Columbia** Alberta Toronto World Video

Home » News » British Columbia



Ottawa underestimated B.C. LNG project's risks to salmon habitat: study

BRENT JANG
VANCOUVER — The Globe and Mail
Published Wednesday, Nov. 09, 2016 12:22PM EST
Last updated Wednesday, Nov. 09, 2016 8:00PM EST

0 Comments     

Ottawa has underestimated the risks to salmon habitat posed by a planned B.C. terminal to export liquefied natural gas, according to a new study that examines a sandy area called Flora Bank.

If Pacific NorthWest LNG constructs the \$11.4-billion export terminal on Lelu Island, located next to Flora Bank, the environment in the Skeena River estuary will be damaged, the authors say in the peer-reviewed scientific journal Marine Ecology Progress Series.

Their paper argues that Flora Bank is a crucial nursery for juvenile

"Alteration of this habitat has greater risks to salmon populations than assumed in the environmental assessment"

A study printed in the peer-reviewed scientific journal Marine Ecology Progress Series noted that “Alteration of this habitat has greater risks to salmon populations than assumed in the environmental assessment.”

<http://www.theglobeandmail.com/news/british-columbia/ottawa-underestimated-bc-lng-projects-risks-to-salmon-study/article32760942/?ord=1>

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE

'Scientific fraud': B.C. geologist pans data behind Flora Bank LNG approval

ARON CHAGALL, THE CANADIAN PRESS
When Patrick McLaren first pitched a sediment analysis of the port of Prince Rupert, B.C., seabed, he had no idea he would uncover a "mind-blowingly wonderful" 6,000-year-old anomaly underpinning a long-established area of critical salmon habitat.

McLaren alleges that Petronas contractors altered, manipulated and ignored data — under the gaze of the Canadian Environmental Assessment Agency, Fisheries and Oceans, and Environment Canada — in an effort to prove their project wouldn't harm the Flora Bank, a natural formation their model still can't account for.

Another scientist goes even further, alleging that “Petronas contractors altered, manipulated and ignored data” which constitutes scientific fraud. This is the problem with science that is bought and paid for by the proponents.

<http://vancouversun.com/business/energy/scientific-fraud-b-c-geologist-pans-data-behind-flora-bank-lng-approval>

3 LACK OF BASELINE DATA + INDEPENDENT SCIENCE RECOMMENDATIONS

- Recognize that science paid for by the proponent has an inherent bias (conflict of interest).
- Restore funding to government agencies to collect baseline data for all five EA pillars.
- Incorporate a mechanism to include data from citizen scientists, and assess these competing scientific perspectives in a sound, fair, and balanced way.
- Require independent, peer-reviewed science paid for by proponent but hired & managed by separate entity to remove conflict of interest.



VISUAL SCIENCE

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS



Squamish townhall on 27th February 2016, organized by our local MP, Pamela Goldsmith-Jones to gather input during the CEAA public comment period. The room overflowed with so many people they had to set up chairs on the stage. NOTE: Only one person spoke in support of the project. These comments were all video-taped by Pamela's office. We also have footage available here:
<https://www.youtube.com/watch?v=fkxpp3xQyas>

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS



The next day at the West Vancouver townhall on 28th February, it was standing room only and people overflowed in the corridors. The same thing happened in Gibsons a few days later, with people turned away from the townhall as the venue was over capacity.

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS

- Less than three weeks later, Minister McKenna approved the EA for Woodfibre LNG
- CEAA hadn't finished uploading all of the public comments yet, let alone allowed enough time to review the scientific validity of concerns raised by the general public
- Participating in the EA process is futile



Participating in the EA process is futile.

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS



We have held protest after protest after protest after protest....

This was the first demonstration we held on the day the Gondola opened in 2014-05-16. Approximately 120 took time off from work to join us. Christy Clark was meant to attend the opening, but she decided not to come because we're so scary!

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS



15th July 2014 – outside council chambers to protest drilling test boreholes in our estuary. Council postponed the decision.

<https://www.youtube.com/watch?v=x2Jam0swsjU>

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS



Then there was an election and Squamish elected a council that was willing to say no to Woodfibre LNG. When the permit was before council again we held another protest to support the newly elected council, and they denied FortisBC the permit to drill in our estuary. 2014-11-08

<https://www.youtube.com/watch?v=bwCvkbWbWa0>

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS



WE FIGHT KINDER MORGAN ON
BURNABY MOUNTAIN.
BITUMENT PIPELINES THREATEN
COAST SALISH LIVES.

NOW IT'S TIME TO
**DEFEND THE
SALISH SEA**
FROM LNG

WILL YOU JOIN US?

MARCH 29TH IN SQUAMISH, BC
NEXEN BEACH | 12 NOON

SKWOMESHACTION.ORG/LNG

2015-03-29 Defend the Salish Sea (organized in partnership with Skwomesh Action).

<https://www.youtube.com/watch?v=8HOHj3m3dQU>

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS



Flotilla to protest Woodfibre LNG 11th July 2016 (organized in partnership with Concerned Citizens Bowen)
<https://www.youtube.com/watch?v=I8bOKK9zZKc>

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS



2015-09-12 Rally from Sea to Sky (we had people lining the highway in communities along the route of the Gran Fondo)

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS



Delivering the Howe Sound Declaration to Pamela Goldsmith Jones with 8,000 signatures at the townhall on 27th February 2016.
<https://www.youtube.com/watch?v=fkxpp3xQyas>

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS



Lots of passion. Lots of dedicated people willing to do whatever it takes to protect Howe Sound. Break Free from Fossil Fuels rally 2016-05-14
<https://www.youtube.com/watch?v=tXDOKNmRMBo>

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS



2016-11-20 Stand with Water Protectors (organized in partnership with Skwomesh Action)
<https://www.youtube.com/watch?v=aKqXgweoQwE>

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS

Sign the Howe Sound Declaration

Say no to pipelines & tankers.

Say no to Woodfibre LNG.

WWW.MYSEATOSKY.ORG



10,000+
signatures

We have collected more than 10,000 signatures on the Howe Sound Declaration in opposition to this project.
<http://www.myseatosky.org/declaration>

4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS

Resolutions on tanker bans

- Lions Bay
- Gibsons
- West Vancouver
- Bowen Island

**Squamish council votes no to
drilling test boreholes**

**Squamish council states
Woodfibre LNG proposal is
unsupportable as it stands**



Every community around Howe Sound has expressed their opposition to this project.

List of municipal resolutions and votes:
http://www.myseatosky.org/no_social_license

The screenshot shows a webpage with a white header and a red navigation bar. The main heading is "4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS". The navigation bar includes links for "Justin Trudeau", "The Platform", "Your MPs", and "Liberal". There are also social media icons, "Volunteer", "Donate", and "FR" options. Below the navigation bar is a red banner with the text "ENVIRONMENTAL ASSESSMENTS" over a background image of Justin Trudeau. The main content area has a white background and contains the following text:

We will make environmental assessments credible again.

Resource-based projects can create jobs and spur investment, but success depends on regaining public trust.

Canadians must be able to trust that government will engage in appropriate regulatory oversight, including credible environmental assessments, and that it will respect the rights of those most affected, such as Indigenous communities. While governments grant permits for resource development, only communities can grant permission.

We will immediately review Canada's environmental assessment processes and introduce new, fair processes that will:

On the right side of the page, there is a vertical stack of buttons: "Share" (with a Facebook icon), "Tweet" (with a Twitter icon), "Add to myPlatform", "Download Full Policy", and a "Back" button at the bottom.

The Federal Liberals ran on a platform to make environmental assessments credible again. Prime Minister Justin Trudeau famously said that “While governments grant permits, only communities grant permission. I call on all of you to honour this promise.

<https://www.liberal.ca/realchange/environmental-assessments/>

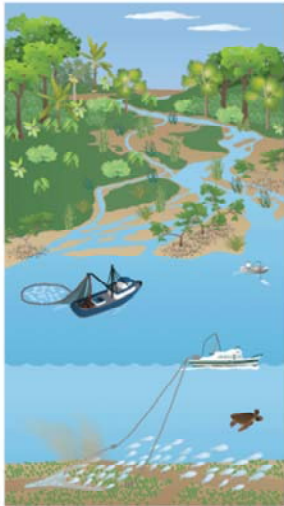
4 LOSS OF TRUST: PUBLIC ENGAGEMENT IS MEANINGLESS RECOMMENDATIONS

- Give communities decision-making power
- Set up a transparent process that incorporates public support as a metric to determine the final EA decision
- Compare % support/opposition
- Does the project have social license to proceed?



5 CUMULATIVE IMPACTS

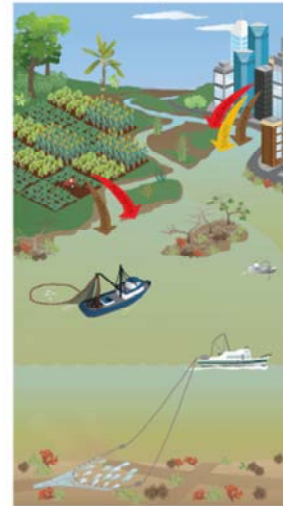
Intensive Fishing



Intensive Fishing + Agriculture



Intensive Fishing + Agriculture + Development



Cumulative impacts are not assessed properly through the current EA process. This is a diagram I drew for a manual on ecosystem-based management for UNEP. (Explain diagram)

http://www.unep.org/pdf/EBM_Manual_r15_Final.pdf

5 CUMULATIVE IMPACTS RECOMMENDATIONS

- Need a rigorous and systematic framework to address cumulative effects
- Federal government needs to take leadership on this issue



6 BC LIBERAL CONFLICT OF INTEREST

Ministers responsible for issuing the BC Environmental Assessment Certificate have a conflict of interest as the BC Liberals have a mandate to develop LNG export facilities. This seriously undermines public trust in the integrity of this process.



Conflict of interest

Rubber stamp > link to donations to Liberal party and attempt by BC liberals to change EA requirements for LNG and ski resorts > not an objective process

6 BC LIBERAL CONFLICT OF INTEREST


BRITISH COLUMBIA

July 20, 2015

Honourable Rich Coleman
Minister of Natural Gas Development and Minister Responsible for Housing
Parliament Buildings
Victoria, British Columbia
V8V 1X4

Dear Minister:

On behalf of the people of British Columbia, I would like to thank you for the contributions made by you and your ministry over the past 12 months to make our province stronger.

You have been part of a government that has continued to deliver on the promises we made in our election platform, *Strong Economy, Secure Tomorrow* during the past 24 months. Balancing the budget for a third time, having our triple A credit rating confirmed and re-confirmed as stable by Moody's Investors Service, and continuing to support the growth of a diverse economy are all accomplishments of which we collectively and you individually can be rightly proud.

I am very pleased to note that you and each of your colleagues were again able to live within your voted legislative budgets. The people of our province elect us to work on their behalf—to control spending.

Living within our means is demonstrating our respect for the people of our province and the tax dollars they send to Victoria. By keeping government lean and reducing the cost of administration, we can make significant investments in people and the infrastructure on which they depend to succeed in a strong and growing economy.

As a result of our strong fiscal position, we have been able to provide new assistance to single parents as they return to the workforce, greater income exemptions for single parents on income assistance and continued record investments in funding for public health care, education and transportation—services on which families depend.

Our government is resolute in our desire to grow the economy as a way to enable more British Columbians to participate in the economy and obtain meaningful, family-supporting work. The work your ministry does each and every day to contribute to these efforts are noticed and valued.

Office of the
Premier

Building Address:
Waldie Suite 2000
740 - 101 Canada Place
Victoria BC V8C 2E1

In particular, I would like to congratulate you and your ministry for:

- Your work towards signing the first Project Development Agreement between the Province and Pacific Northwest LNG
- The introduction of the new Building Act that supports increased efficiency, productivity and innovation in our provincial construction sector
- Launching the Homeless Prevention Program to provide rent supplements and support services to people at risk of homelessness

As you know, the annual mandate letter you receive is designed to be an ongoing workplan for your ministry that is updated on an annual basis. You will undoubtedly notice some changes since last June.

Your mandate for the following year is as follows:

1. Balance your ministerial budget in order to control spending and ensure an overall balanced budget for the province of British Columbia.
2. Work with LNG project proponents to secure signed Project Development Agreements that will lead to financially secure arrangements for both LNG developers and taxpayers.
3. As part of the Jobs Plan Update, update BC's Natural Gas Strategy.
4. Working with the Ministry of Finance, prepare legislation to enact BC's Prosperity Fund for introduction in the Spring 2017 Legislative session.
5. Working with the Ministry of Aboriginal Relations and Reconciliation to ensure BC First Nations are able to participate in the economic development opportunities available through the creation of a new LNG industry in the province.
6. Successfully host the third annual LNG conference in Fall, 2015.
7. Work with the Ministry of Finance to make recommendations to Cabinet on the creation of a new clean infrastructure credit program.
8. Work with the Ministry of Environment to participate in the Kinder Morgan Trans Mountain Pipeline Expansion federal environmental review and ensure that the project meets our Five Conditions for considering support for heavy oil projects in BC.
9. Successfully conclude the elimination of routine natural gas flaring by 2016 as committed in the BC Energy Plan.
10. Implement regulatory changes that will enable Consumer Protection BC to oversee home inspectors in British Columbia.

Conflict of interest

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6 BC LIBERAL CONFLICT OF INTEREST



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Office of the
Premier

Working Address:
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780 - 1011 Canada Place
Vancouver BC V6C 3E1

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6 BC LIBERAL CONFLICT OF INTEREST

- Woodfibre LNG Provincial EA approval
October 2015
- FortisBC pipeline Provincial EA approval
August 2016



Conflict of interest

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6 BC LIBERAL CONFLICT OF INTEREST

- **Bill 4 – The Park Amendment Act**
Allows industrial activities within Provincial parklands including energy extraction, construction of pipelines, and industry-led research related to pipelines, transmission lines, roads, and other industrial activities that might require park land.
- **Bill 24 – The Agricultural Land Commission Amendment Act**
Undermines BC's food security by opening up farmland to industrial development
- **Environmental Assessment requirements**
Not necessary for ski resorts and LNG export facilities → unsuccessful



The BC Liberals have changed legislation to enable these LNG projects to go ahead, and they are doing this with no public consultation. For example, Bill 4 allows pipelines in Provincial parks, undermining 100 years of public participation to establish parks. Bill 24 opens up farmland to industrial development, undermining our food security.

BC Liberals tried to change Environmental Assessment requirement for ski resorts and LNG facilities... (NEXT SLIDE)

6 BC LIBERAL CONFLICT OF INTEREST

APOLITICAL COMMON SENSE

THE COMMONSENSE CANADIAN
AN UNCOMMONLY SENSIBLE TAKE ON OUR ECONOMY AND ENVIRONMENT

ENERGY & RESOURCES - OCEANS - WATER - FOOD - CLIMATE CHANGE - URBAN & TRANSPORT - ECONOMICS - MORE ...

BC Canada International

Fort Nelson First Nation drums govt, industry out of LNG conference

Posted April 16, 2014 by Damien Gillis in BC 44

MAKE YOUR COMMON SENSE VIDEO SUGGESTION HERE.
Send a link to an online video you think our readers would enjoy.

Chief Sharleen Gale Ft Nelson First Nation LNG Forum

Video by Chief Bob Chamberlin

Members of the Fort Nelson First Nation, led by the strong-willed of their Chief Sharleen Chamberlin

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- Filmmaker exploring new vision for forestry with video series
- New video shows serious dangers posed by LNG tankers
- Tensions grow over plan to log Central Walbran Valley's ancient forests
- All you need to know about LNG: Wade Davis

which they rapidly flip-flopped on when First Nations literally drummed the government and then industry out of a conference on LNG.

6 BC LIBERAL CONFLICT OF INTEREST

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National International

Province considered intervening in pipeline proposal in Squamish

FOI documents show importance of Woodfibre LNG success to the provincial government

JENNIFER THUNCHER / SQUAMISH CHIEF

SEPTEMBER 1, 2016 10:43 AM



Minister of Natural Gas Development Rich Coleman, left, at the government's Squamish Science World LNG seminars in Squamish Dec. 17, 2014. FOI documents show in early 2015 the province was considering tools to intervene in Squamish council decisions. Photo: File

Weekly POLL

Have you even considered adopting a child?

- Yes
- No
- I can't even remember to feed my plants! So, no.

VOTE or view results

Popular Local News

Most Read Most Recent



Investors snapping up Squamish real estate

DECEMBER 7, 2016

Remains found downtown turn out to be from an animal

DECEMBER 9, 2016

Regional district letter opposes Garibaldi at Squamish resort

DECEMBER 8, 2016

This past September, 2016, thanks to a Freedom of Information request by a local reporter, Jennifer Thuncher, we learned that the Province has already considered intervening when council denied FortisBC to drill in our estuary. This project is very important for their re-election plans.

6 BC LIBERAL CONFLICT OF INTEREST

Donations to BC Liberals

Woodfibre LNG = \$92,000

FortisBC = \$152,000

Burnco = \$286,000

Aquilinis (Garibaldi at Squamish) = \$175,000



Are donations buying a rubber-stamp on environmental assessments?

6 BC LIBERAL CONFLICT OF INTEREST RECOMMENDATIONS

- Abolish the substituted EA process
- The Provincial government should not be responsible for approving industrial projects that they have a mandate to promote

